

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032654.D
 Acq On : 16 Dec 2025 14:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 17 00:40:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	373258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	658699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	597814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	206501	38.566	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	77.140%
35) Dibromofluoromethane	7.898	113	173208	40.464	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	80.920%
50) Toluene-d8	10.325	98	646936	40.108	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	80.220%
62) 4-Bromofluorobenzene	12.617	95	242784	40.923	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	81.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	86073	39.629	ug/l	99
3) Chloromethane	2.253	50	146150	37.913	ug/l	99
4) Vinyl Chloride	2.399	62	199260	40.796	ug/l	98
5) Bromomethane	2.820	94	133727	41.898	ug/l	99
6) Chloroethane	2.966	64	135331	42.939	ug/l	98
7) Trichlorofluoromethane	3.302	101	186219	43.616	ug/l	97
8) Diethyl Ether	3.716	74	113439	41.945	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	184645	43.436	ug/l	97
10) Methyl Iodide	4.301	142	255010	42.470	ug/l	100
11) Tert butyl alcohol	5.216	59	67919	192.140	ug/l	100
12) 1,1-Dichloroethene	4.076	96	188299	42.170	ug/l	94
13) Acrolein	3.930	56	101432	200.814	ug/l	99
14) Allyl chloride	4.710	41	353696	43.564	ug/l	99
15) Acrylonitrile	5.405	53	304396	204.518	ug/l	100
16) Acetone	4.155	43	326507	177.534	ug/l	100
17) Carbon Disulfide	4.417	76	536581	42.728	ug/l	98
18) Methyl Acetate	4.704	43	151914	43.088	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	391836	42.976	ug/l	98
20) Methylene Chloride	4.948	84	230617	45.641	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	206129	42.680	ug/l	97
22) Diisopropyl ether	6.338	45	730379	44.655	ug/l	97
23) Vinyl Acetate	6.283	43	2373544	218.526	ug/l	99
24) 1,1-Dichloroethane	6.246	63	413215	43.529	ug/l	100
25) 2-Butanone	7.191	43	423786	202.720	ug/l	99
26) 2,2-Dichloropropane	7.185	77	244004	42.939	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	250565	44.382	ug/l	100
28) Bromochloromethane	7.526	49	207019	57.627	ug/l	99
29) Tetrahydrofuran	7.551	42	260338	206.769	ug/l	99
30) Chloroform	7.691	83	409582	43.350	ug/l	99
31) Cyclohexane	7.971	56	363961	41.357	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	312268	43.395	ug/l	99
36) 1,1-Dichloropropene	8.100	75	295922	44.641	ug/l	100
37) Ethyl Acetate	7.270	43	180617	41.028	ug/l	100
38) Carbon Tetrachloride	8.081	117	273267	43.548	ug/l	100
39) Methylcyclohexane	9.343	83	364414	43.897	ug/l	92
40) Benzene	8.337	78	875605	43.974	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	103608	42.455	ug/l	97
42) 1,2-Dichloroethane	8.410	62	277018	43.966	ug/l	99
43) Isopropyl Acetate	8.435	43	327699	42.758	ug/l	99
44) Trichloroethene	9.099	130	201114	43.670	ug/l	96
45) 1,2-Dichloropropane	9.374	63	224315	44.172	ug/l	95
46) Dibromomethane	9.465	93	128965	44.145	ug/l	99
47) Bromodichloromethane	9.648	83	305660	44.394	ug/l	98
48) Methyl methacrylate	9.441	41	152098	41.221	ug/l	99
49) 1,4-Dioxane	9.465	88	31612	852.871	ug/l #	95
51) 4-Methyl-2-Pentanone	10.209	43	903924	209.997	ug/l	100
52) Toluene	10.392	92	556693	45.403	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	295241	44.072	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	347562	44.611	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	170829	43.131	ug/l	97
56) Ethyl methacrylate	10.648	69	247595	45.015	ug/l	99
57) 1,3-Dichloropropane	10.934	76	305813	43.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	525735	191.928	ug/l	99
59) 2-Hexanone	10.971	43	645703	208.231	ug/l	100
60) Dibromochloromethane	11.129	129	197457	44.989	ug/l	95
61) 1,2-Dibromoethane	11.233	107	168947	44.749	ug/l	98
64) Tetrachloroethene	10.867	164	167674	43.966	ug/l	92
65) Chlorobenzene	11.654	112	575794	42.380	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	184048	44.252	ug/l	93
67) Ethyl Benzene	11.727	91	1072328	46.177	ug/l	96
68) m/p-Xylenes	11.837	106	802123	90.562	ug/l	99
69) o-Xylene	12.166	106	373466	46.155	ug/l	97
70) Styrene	12.178	104	649841	46.093	ug/l	99
71) Bromoform	12.349	173	101145	43.527	ug/l #	100
73) Isopropylbenzene	12.459	105	951866	44.240	ug/l	100
74) N-amyl acetate	12.270	43	297522	42.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	211399	41.340	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	269461	41.255	ug/l	35
77) Bromobenzene	12.745	156	213564	43.078	ug/l	96
78) n-propylbenzene	12.800	91	1222551	44.845	ug/l	99
79) 2-Chlorotoluene	12.891	91	709124	43.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	802037	44.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	71116	42.638	ug/l	97
82) 4-Chlorotoluene	12.983	91	747177	43.329	ug/l	99
83) tert-Butylbenzene	13.202	119	704318	45.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	800649	43.931	ug/l	100
85) sec-Butylbenzene	13.379	105	1042544	44.387	ug/l	100
86) p-Isopropyltoluene	13.495	119	872940	45.388	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	435747	43.670	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	422282	42.127	ug/l	97
89) n-Butylbenzene	13.818	91	847978	43.843	ug/l	99
90) Hexachloroethane	14.092	117	157101	43.461	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	399062	44.179	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	34411	39.104	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	224494	41.986	ug/l	94
94) Hexachlorobutadiene	15.226	225	98081	39.253	ug/l	88
95) Naphthalene	15.360	128	549462	43.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	220433	45.887	ug/l	98

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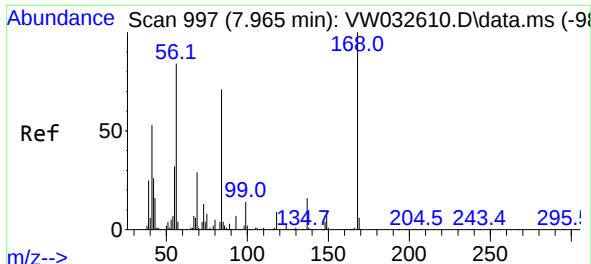
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Quant Title : SW846 8260
QLast Update : Wed Dec 17 00:33:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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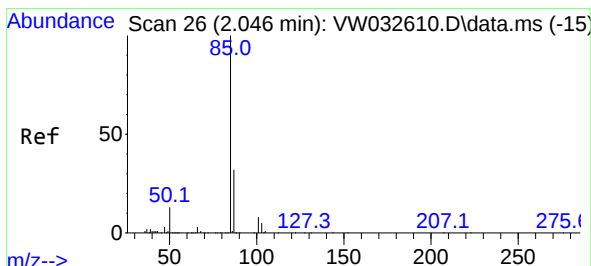
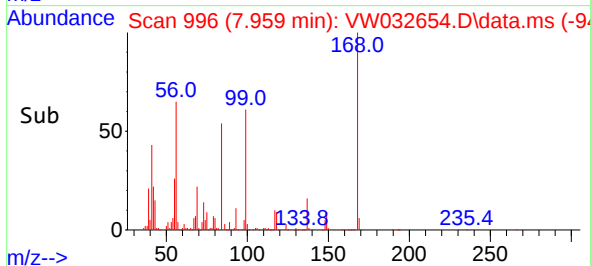
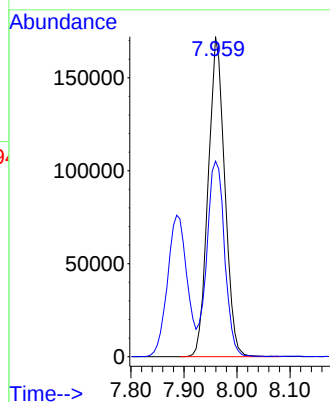
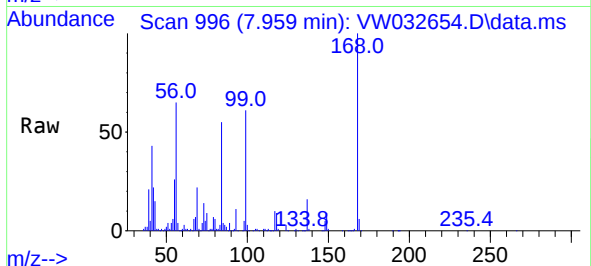




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032654.D
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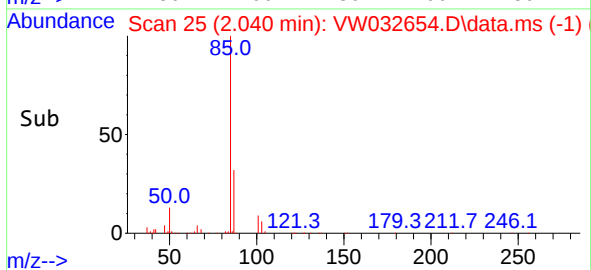
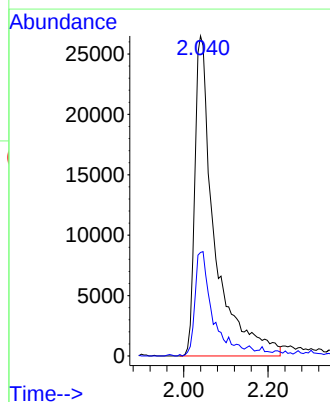
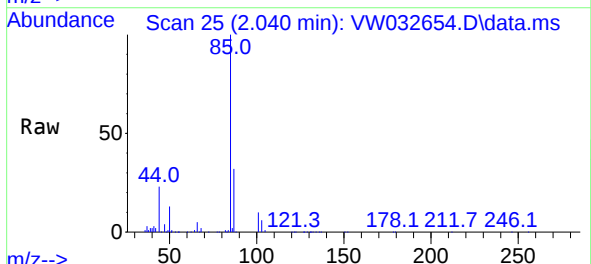
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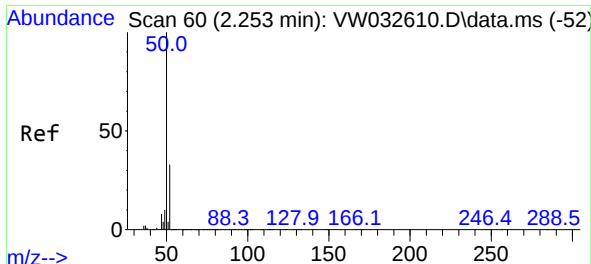
Tgt Ion:168 Resp: 373258
Ion Ratio Lower Upper
168 100
99 61.0 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 39.629 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 85 Resp: 86073
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.3

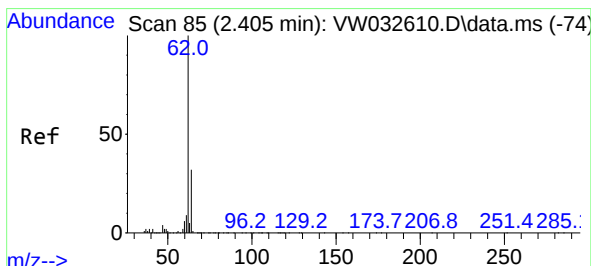
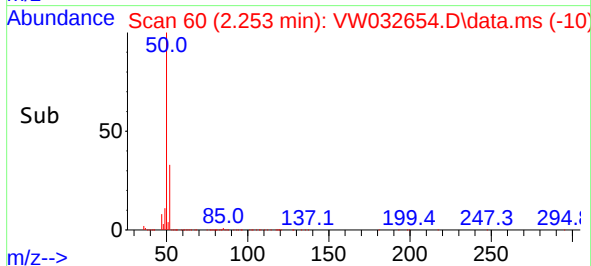
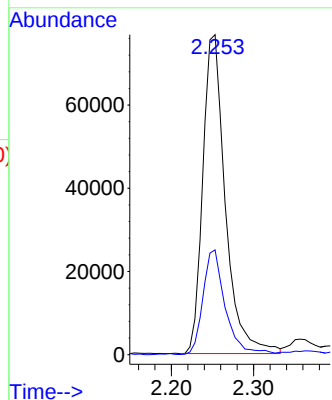
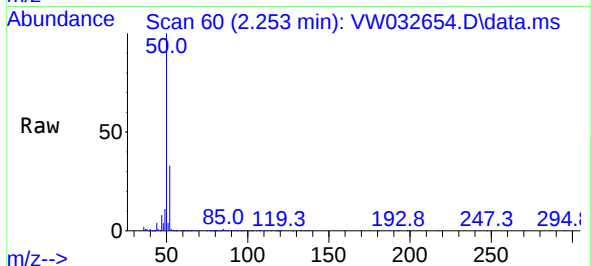




#3
Chloromethane
Concen: 37.913 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

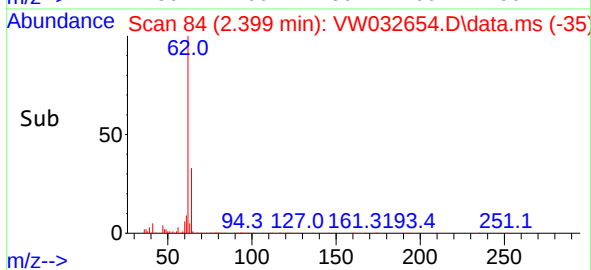
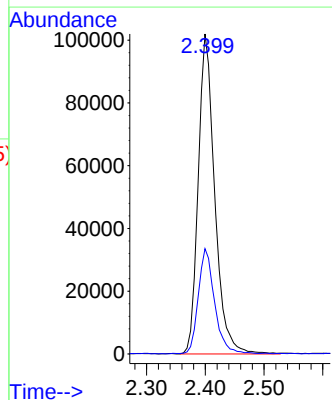
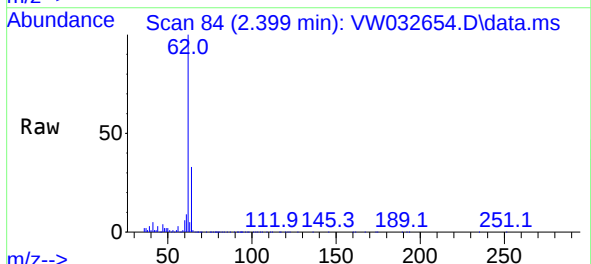
Instrument :
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ClientSampleId :
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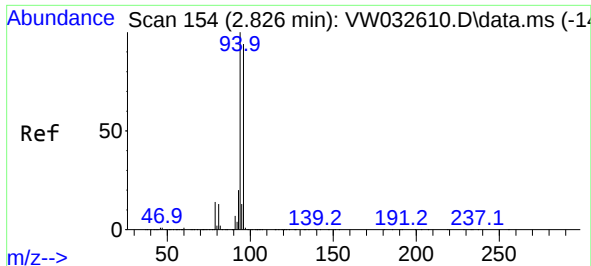
Tgt Ion: 50 Resp: 146150
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 40.796 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 62 Resp: 199260
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9

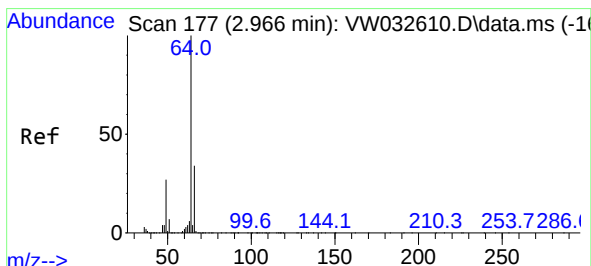
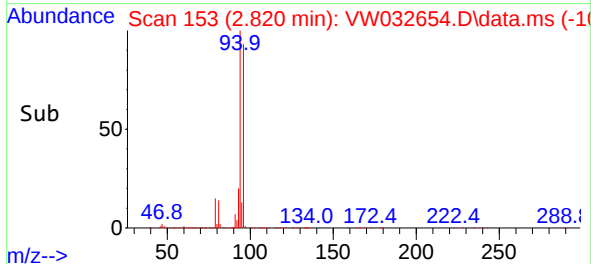
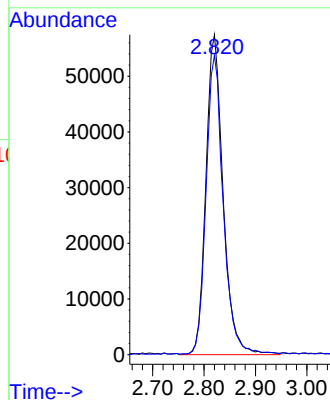
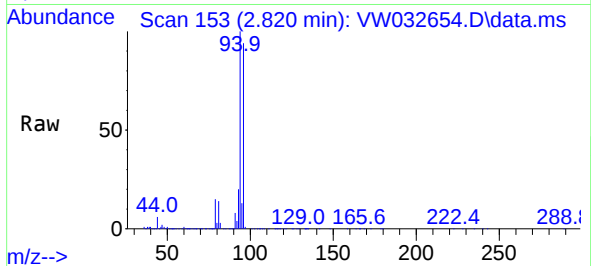




#5
Bromomethane
Concen: 41.898 ug/l
RT: 2.820 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

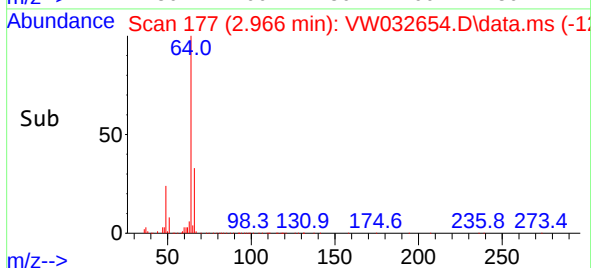
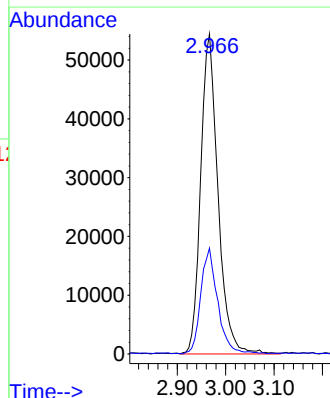
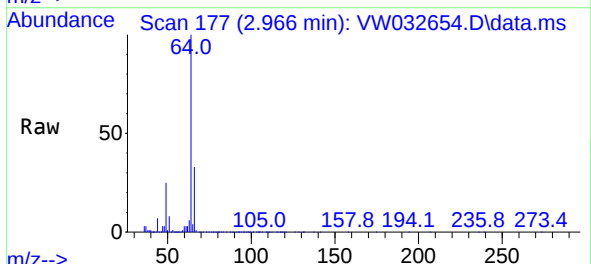
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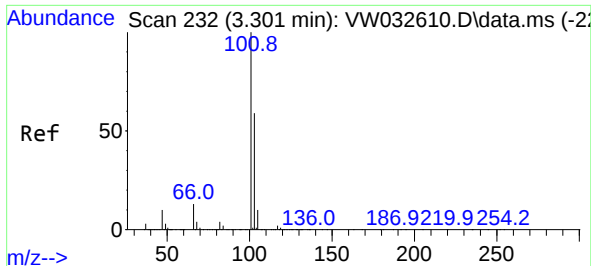
Tgt Ion: 94 Resp: 133727
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.2



#6
Chloroethane
Concen: 42.939 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 64 Resp: 135331
Ion Ratio Lower Upper
64 100
66 32.9 27.3 40.9

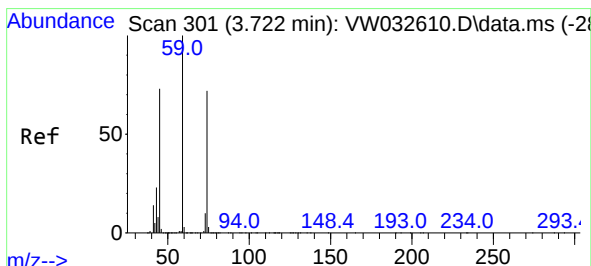
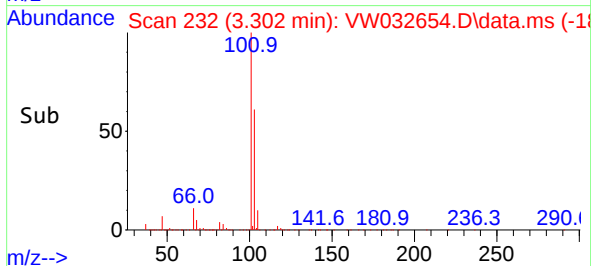
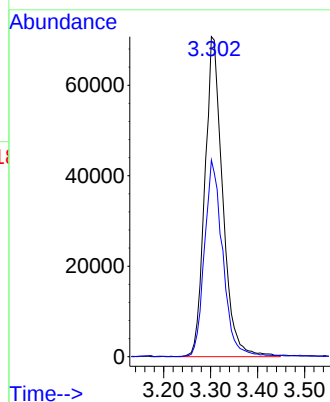
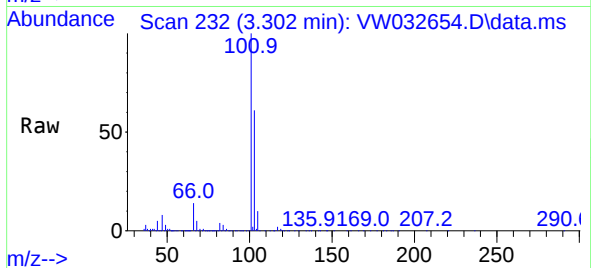




#7
Trichlorofluoromethane
Concen: 43.616 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

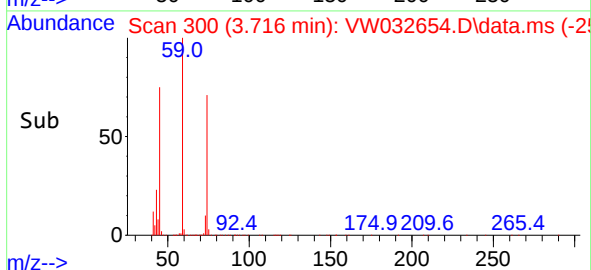
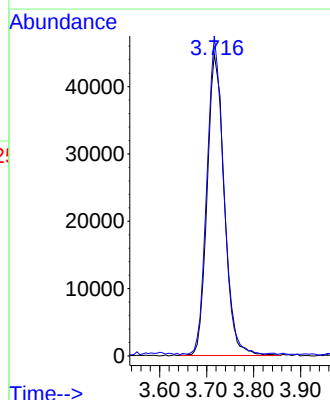
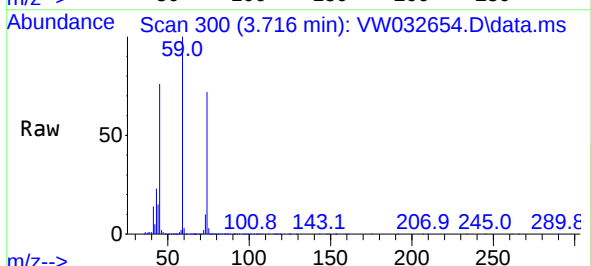
Instrument :
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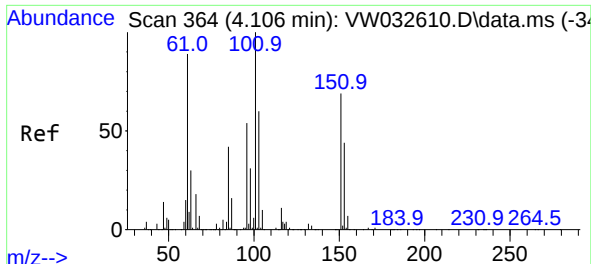
Tgt Ion:101 Resp: 186219
Ion Ratio Lower Upper
101 100
103 61.4 47.3 70.9



#8
Diethyl Ether
Concen: 41.945 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 74 Resp: 113439
Ion Ratio Lower Upper
74 100
45 103.3 52.4 157.2

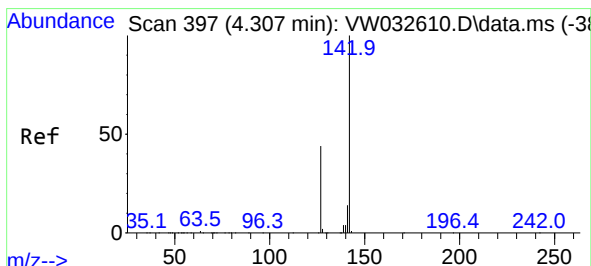
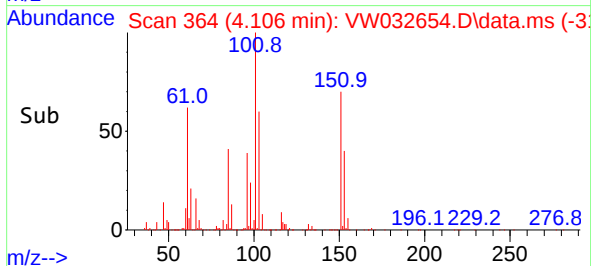
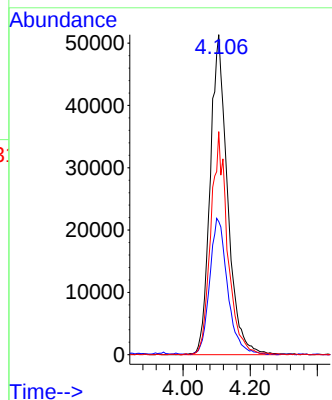
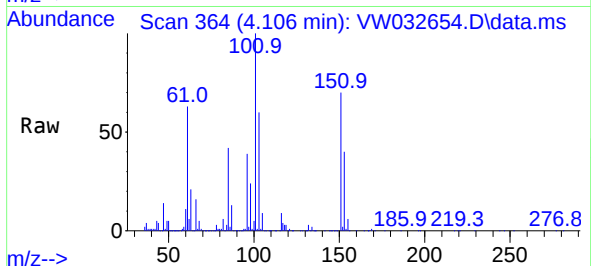




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.436 ug/l
RT: 4.106 min Scan# 301
Delta R.T. 0.006 min
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Acq: 16 Dec 2025 14:10

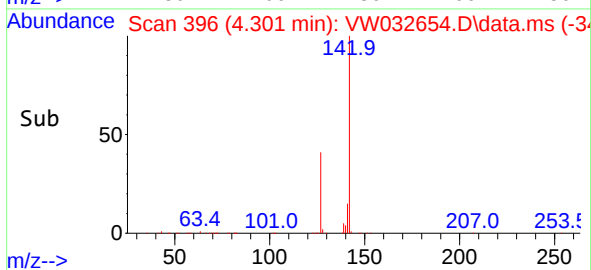
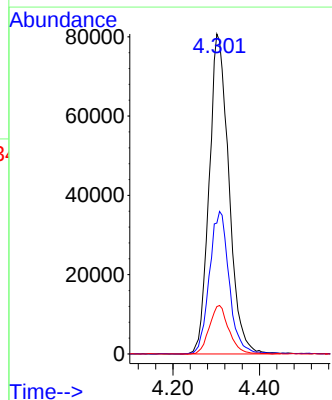
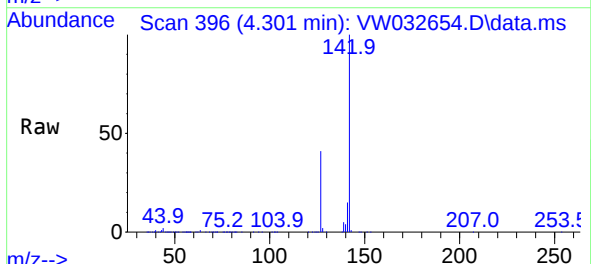
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

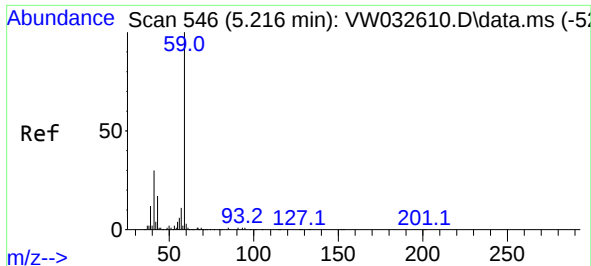
Tgt Ion:101 Resp: 184645
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 67.2 56.7 85.1



#10
Methyl Iodide
Concen: 42.470 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:142 Resp: 255010
Ion Ratio Lower Upper
142 100
127 44.8 36.0 54.0
141 15.0 11.6 17.4

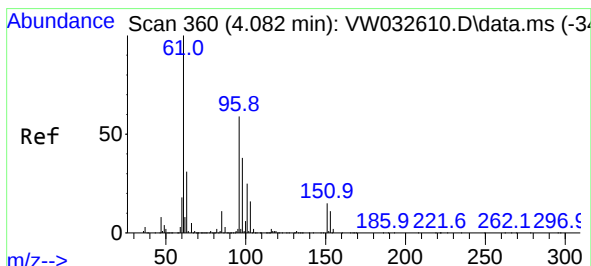
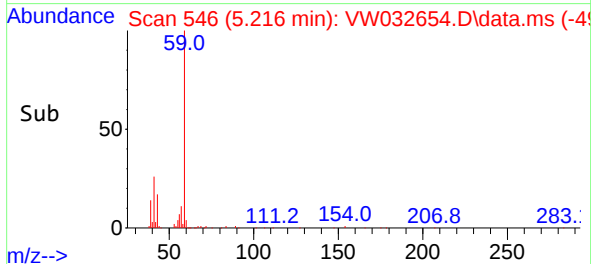
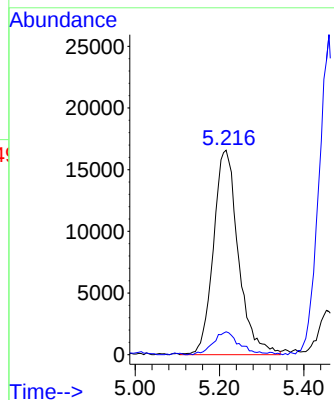
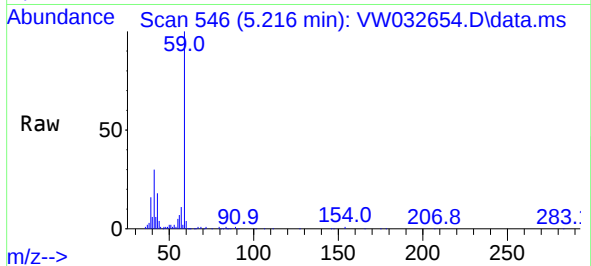




#11
Tert butyl alcohol
Concen: 192.140 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

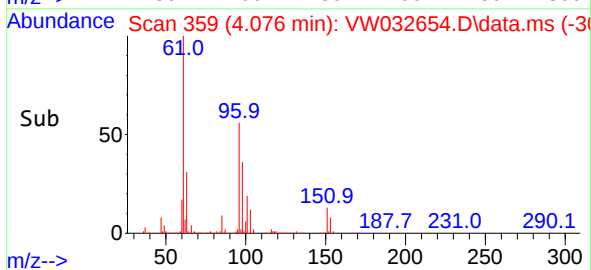
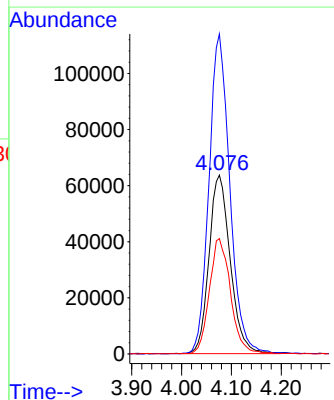
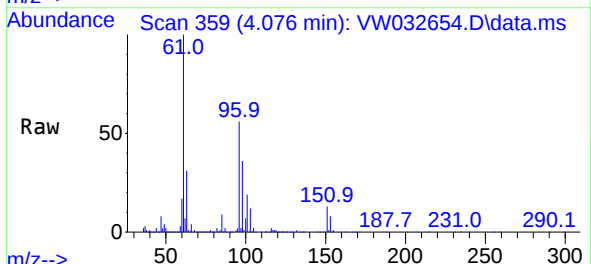
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

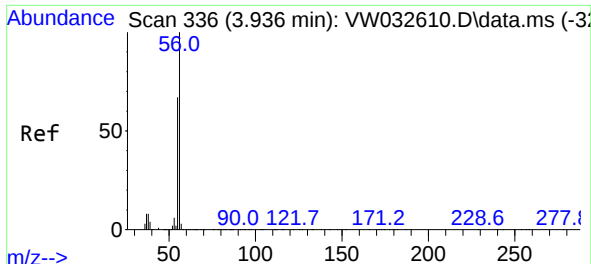
Tgt Ion: 59 Resp: 67919
Ion Ratio Lower Upper
59 100
57 11.7 9.4 14.0



#12
1,1-Dichloroethene
Concen: 42.170 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 96 Resp: 188299
Ion Ratio Lower Upper
96 100
61 179.1 134.6 202.0
98 64.3 51.1 76.7

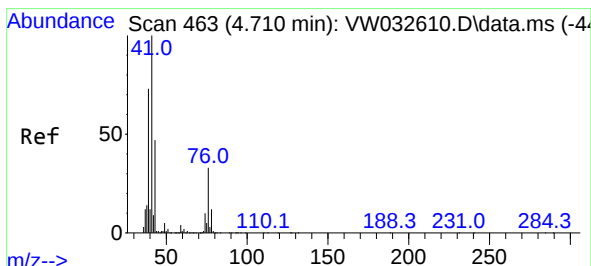
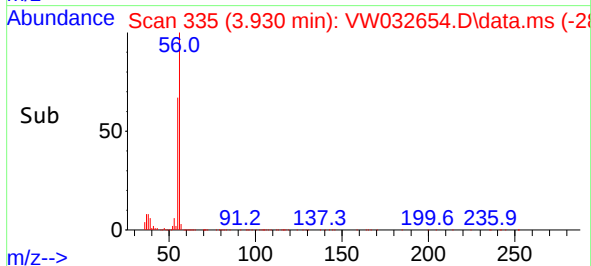
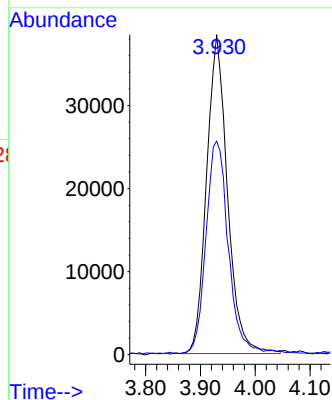
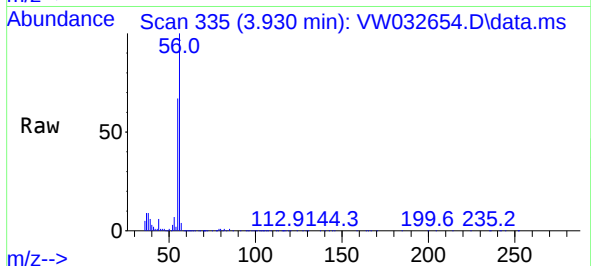




#13
Acrolein
Concen: 200.814 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

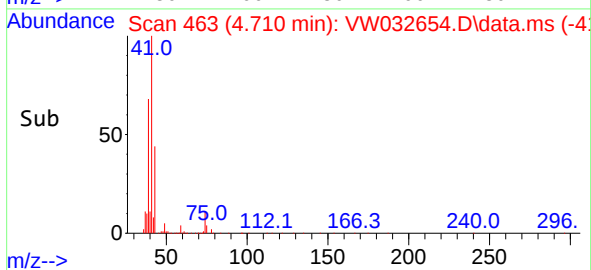
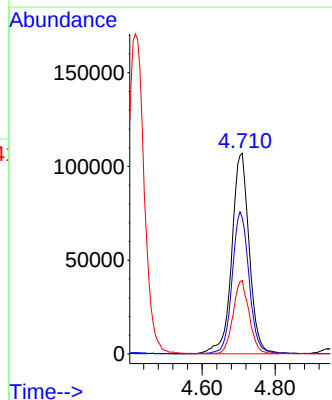
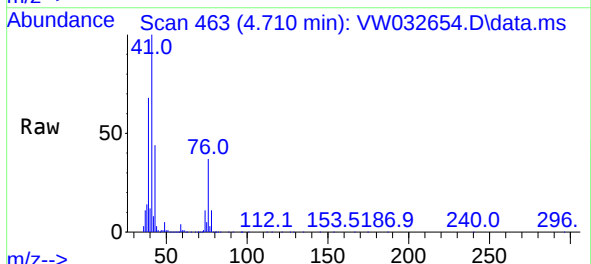
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

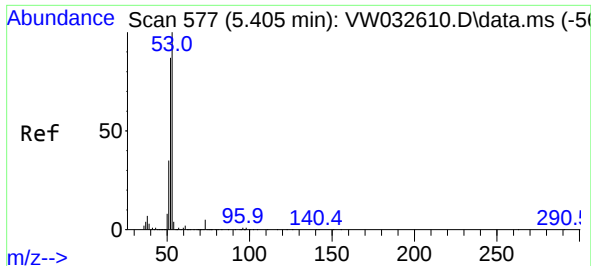
Tgt Ion: 56 Resp: 101432
Ion Ratio Lower Upper
56 100
55 70.6 56.0 84.0



#14
Allyl chloride
Concen: 43.564 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 41 Resp: 353696
Ion Ratio Lower Upper
41 100
39 68.6 54.2 81.2
76 33.8 26.3 39.5

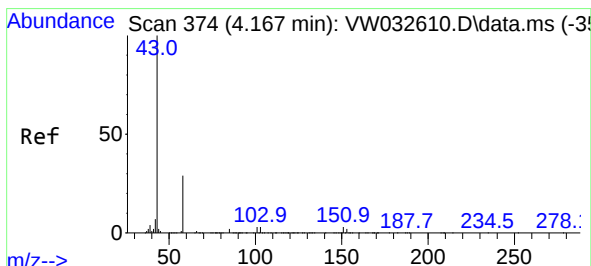
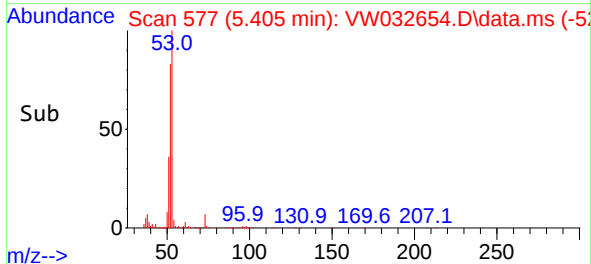
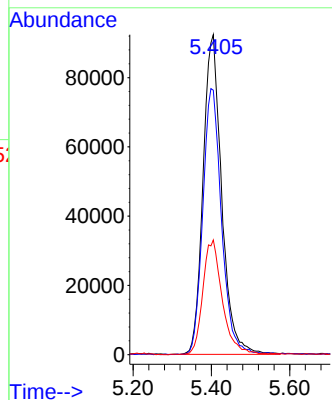
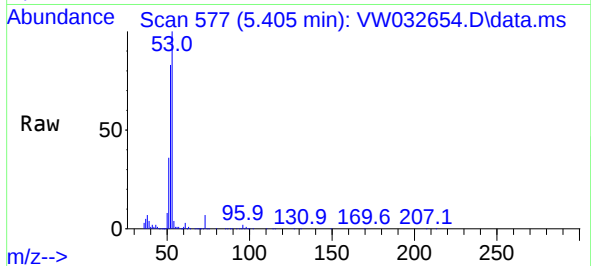




#15
Acrylonitrile
Concen: 204.518 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

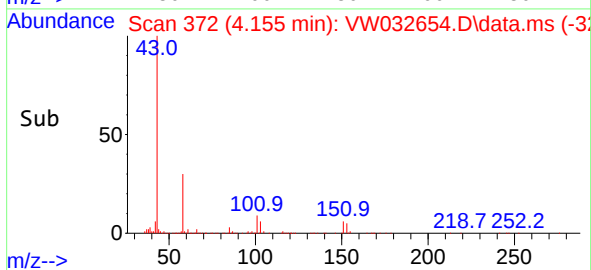
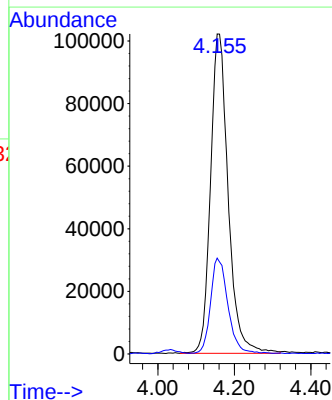
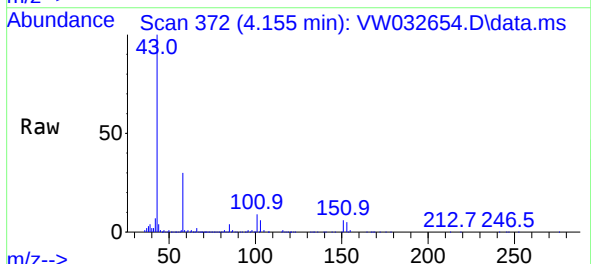
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

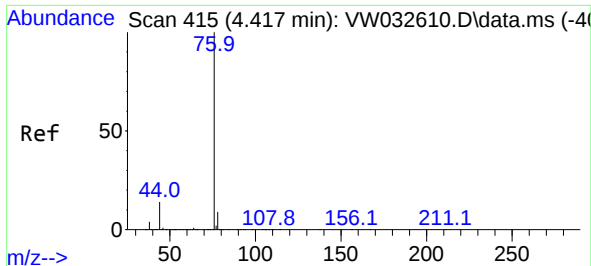
Tgt Ion: 53 Resp: 304396
Ion Ratio Lower Upper
53 100
52 83.4 66.7 100.1
51 37.4 29.8 44.6



#16
Acetone
Concen: 177.534 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 326507
Ion Ratio Lower Upper
43 100
58 29.7 23.9 35.9

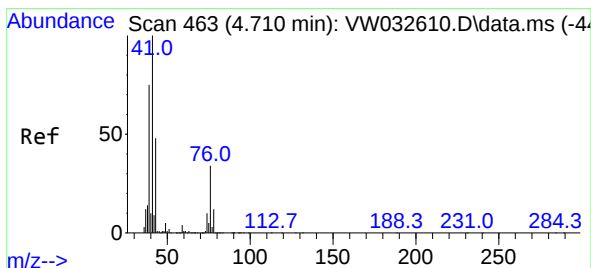
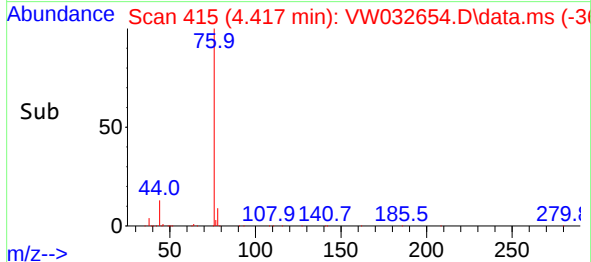
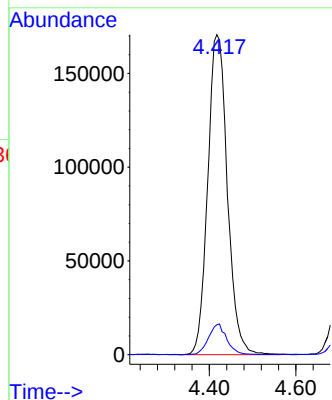
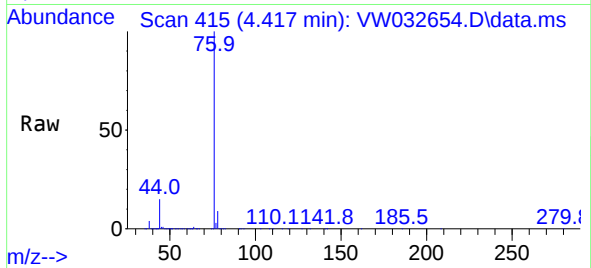




#17
Carbon Disulfide
Concen: 42.728 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

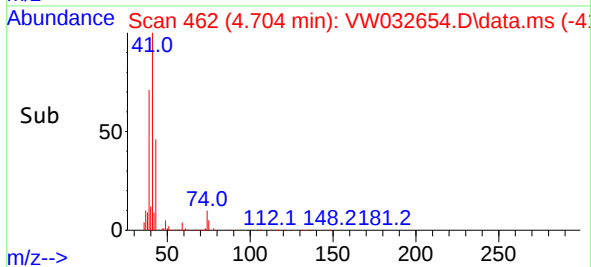
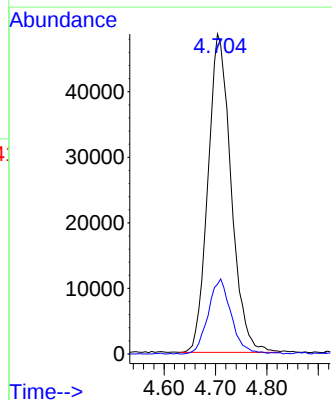
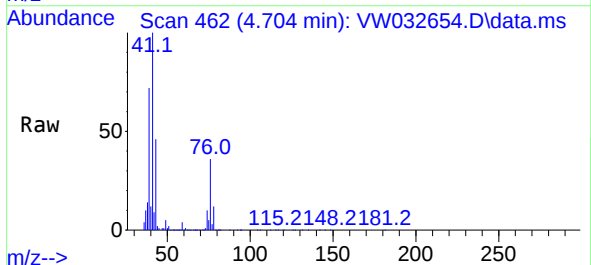
Instrument :
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ClientSampleId :
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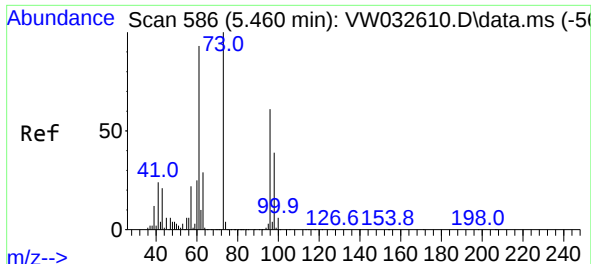
Tgt Ion: 76 Resp: 536581
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 43.088 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 151914
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4

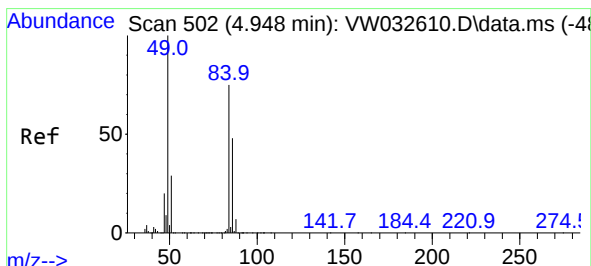
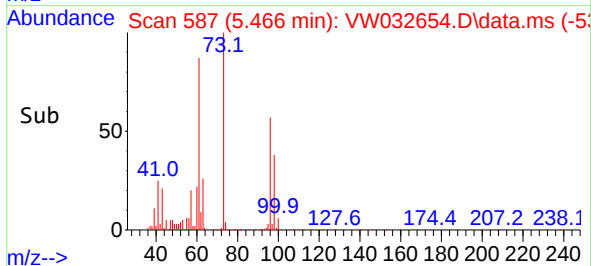
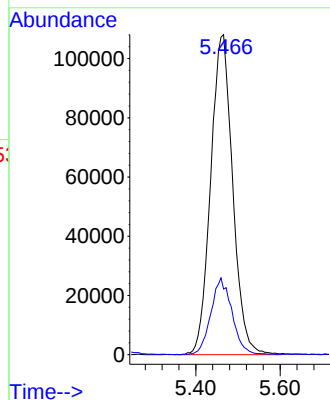
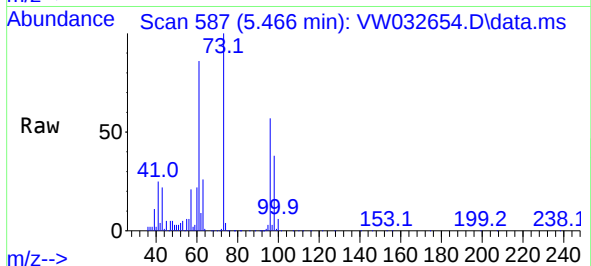




#19
Methyl tert-butyl Ether
Concen: 42.976 ug/l
RT: 5.466 min Scan# 518
Delta R.T. 0.012 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

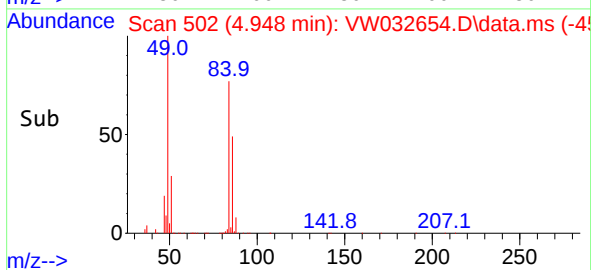
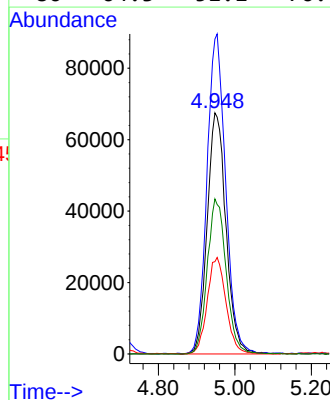
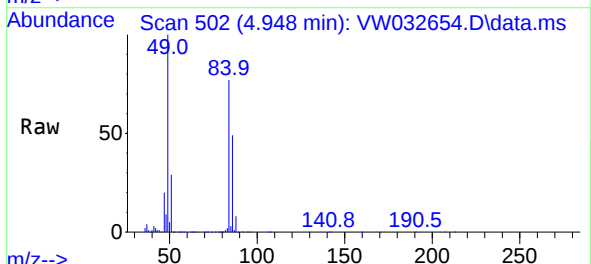
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

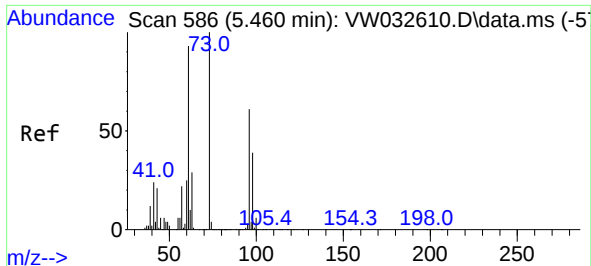
Tgt Ion: 73 Resp: 391836
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 45.641 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 84 Resp: 230617
Ion Ratio Lower Upper
84 100
49 130.3 106.9 160.3
51 38.3 31.4 47.2
86 64.3 51.1 76.7

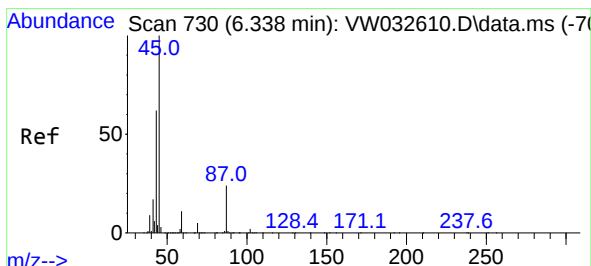
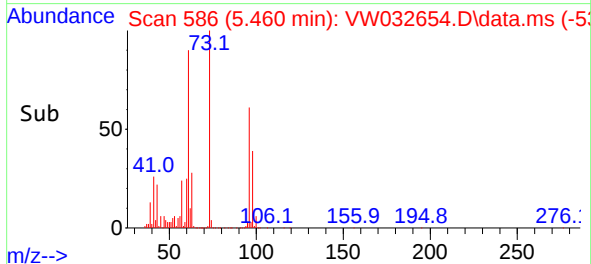
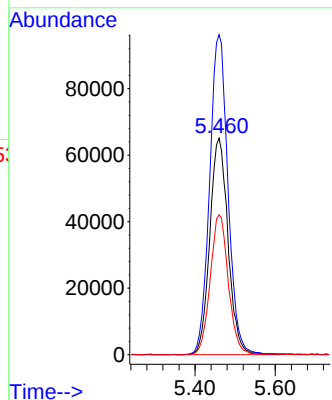
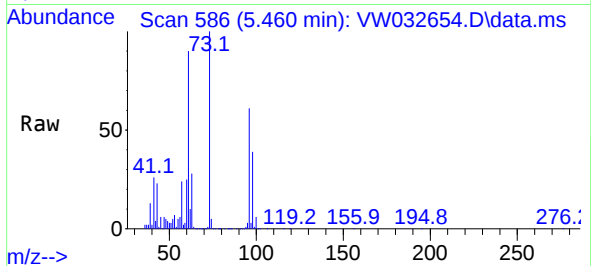




#21
trans-1,2-Dichloroethene
Concen: 42.680 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.012 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

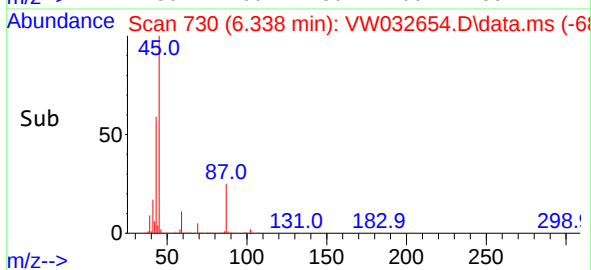
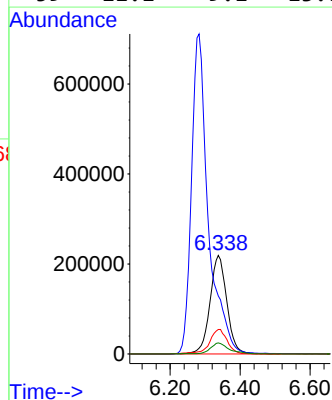
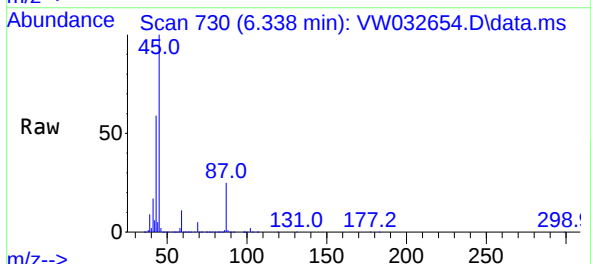
Instrument :
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ClientSampleId :
VSTDICCC050

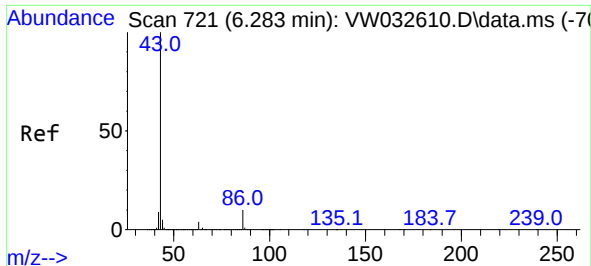
Tgt Ion: 96 Resp: 206129
Ion Ratio Lower Upper
96 100
61 148.0 121.7 182.5
98 64.7 50.6 76.0



#22
Diisopropyl ether
Concen: 44.655 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 45 Resp: 730379
Ion Ratio Lower Upper
45 100
43 58.5 49.1 73.7
87 24.8 19.7 29.5
59 11.1 9.1 13.7

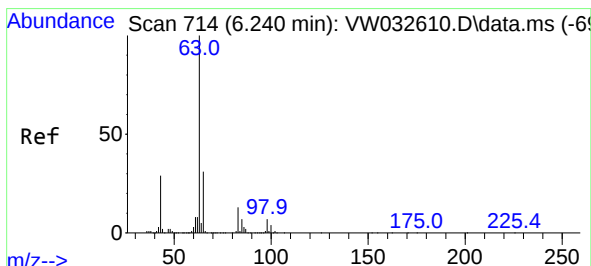
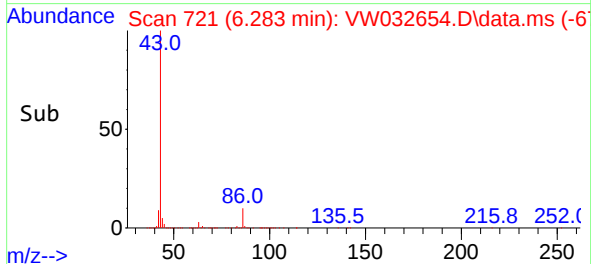
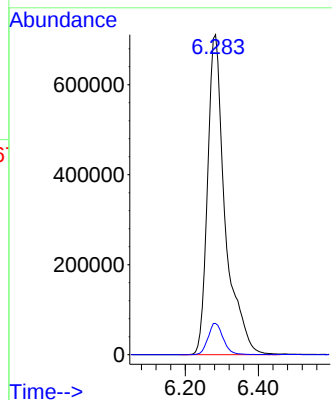
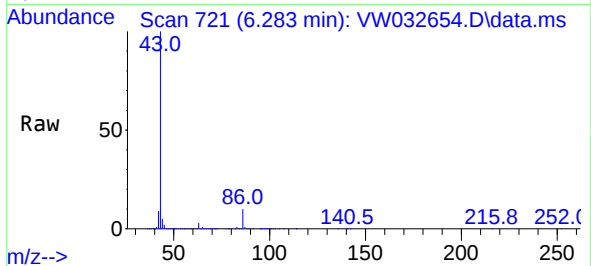




#23
 Vinyl Acetate
 Concen: 218.526 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032654.D
 Acq: 16 Dec 2025 14:10

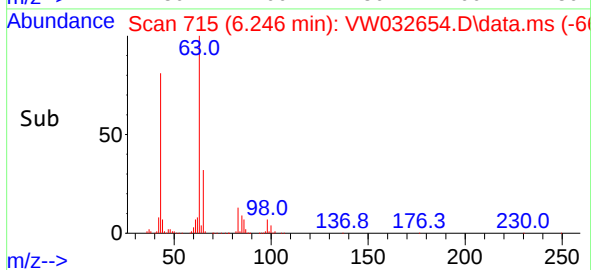
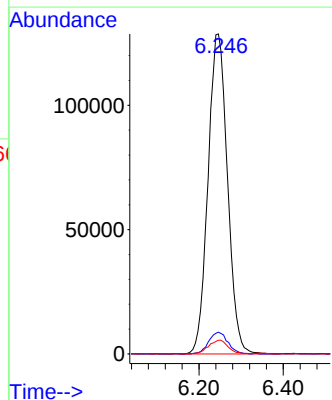
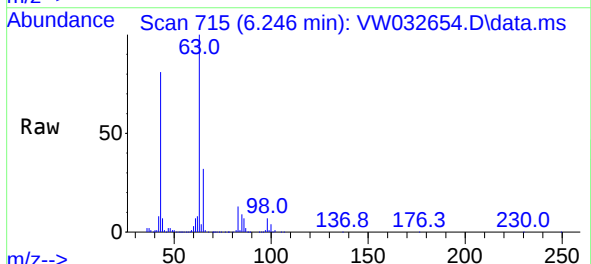
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

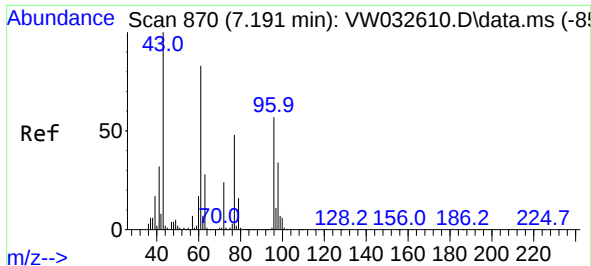
Tgt Ion: 43 Resp: 2373544
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 43.529 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032654.D
 Acq: 16 Dec 2025 14:10

Tgt Ion: 63 Resp: 413215
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.3 2.1 6.5

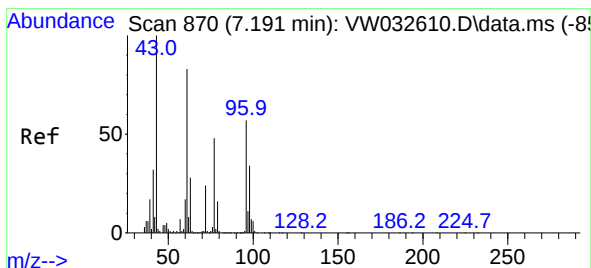
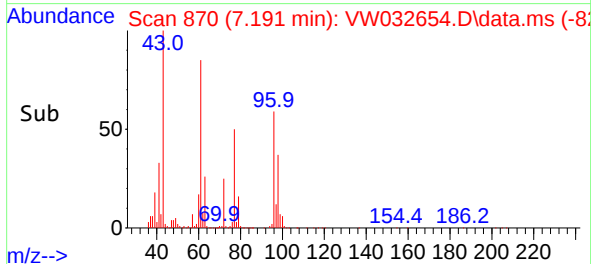
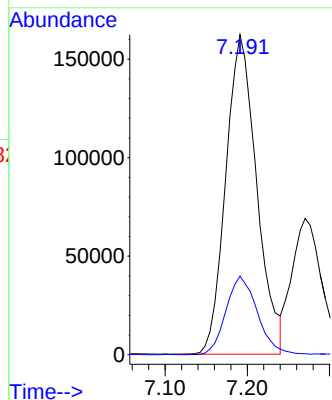
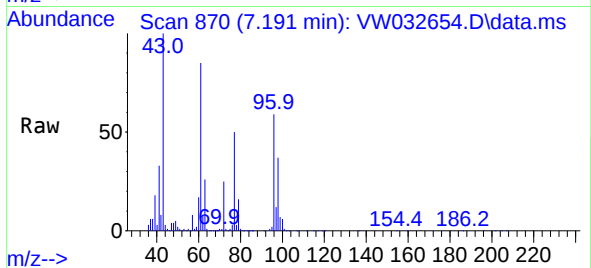




#25
2-Butanone
Concen: 202.720 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

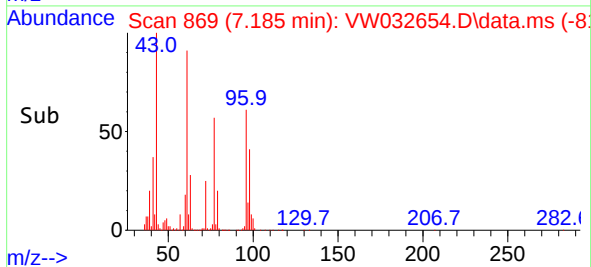
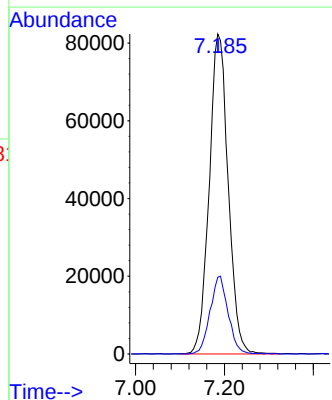
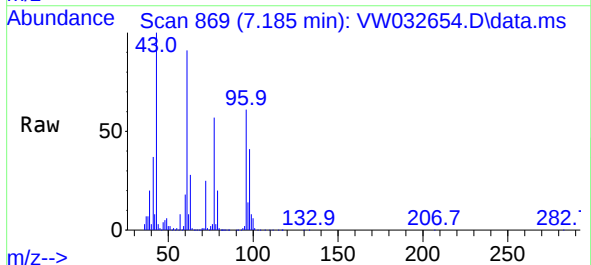
Instrument :
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ClientSampleId :
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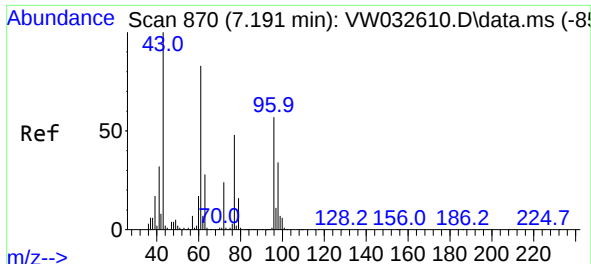
Tgt Ion: 43 Resp: 423786
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.0



#26
2,2-Dichloropropane
Concen: 42.939 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 77 Resp: 244004
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 44.382 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

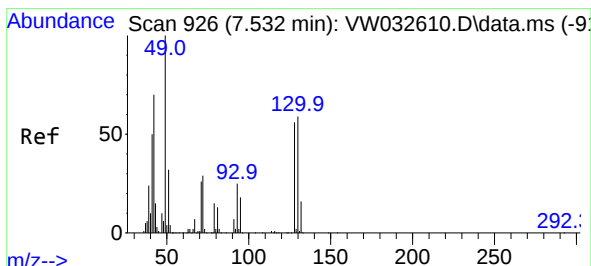
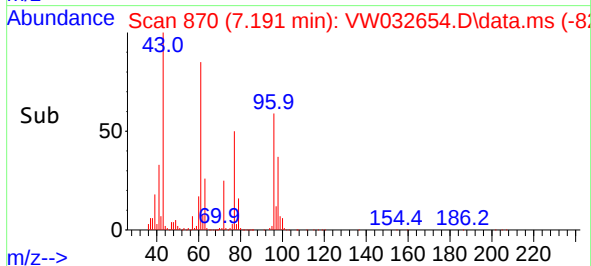
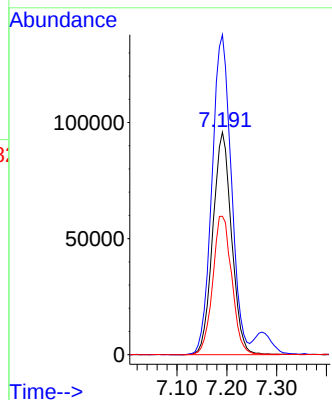
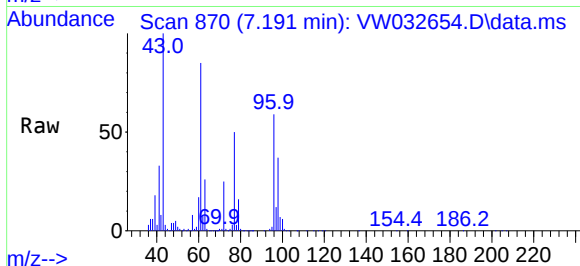
Tgt Ion: 96 Resp: 250565

Ion Ratio Lower Upper

96 100

61 148.1 0.0 295.8

98 63.4 0.0 127.2



#28

Bromochloromethane

Concen: 57.627 ug/l

RT: 7.526 min Scan# 925

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

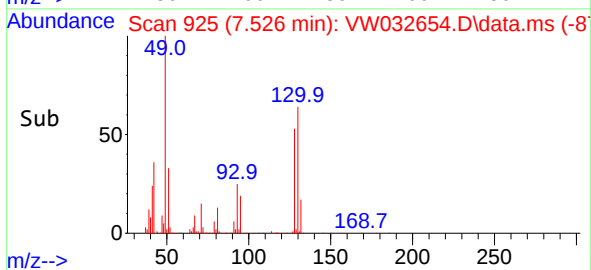
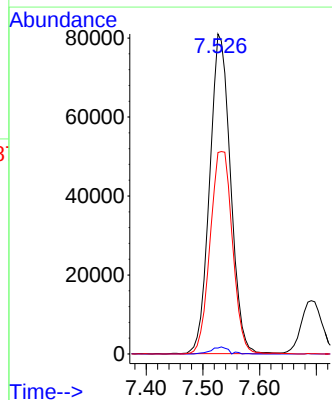
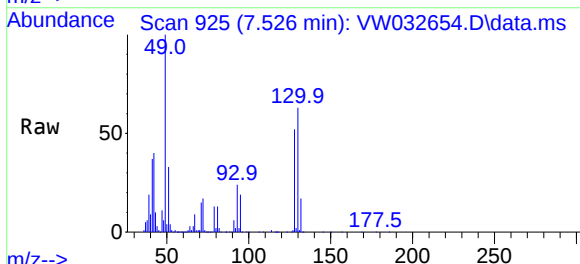
Tgt Ion: 49 Resp: 207019

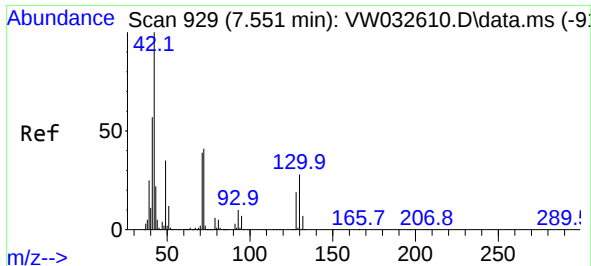
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 67.8 53.3 79.9





#29

Tetrahydrofuran

Concen: 206.769 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

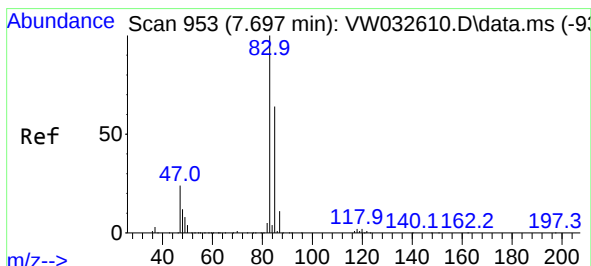
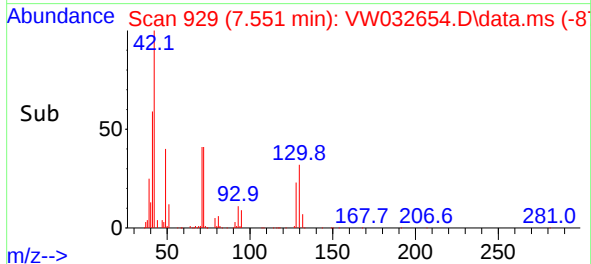
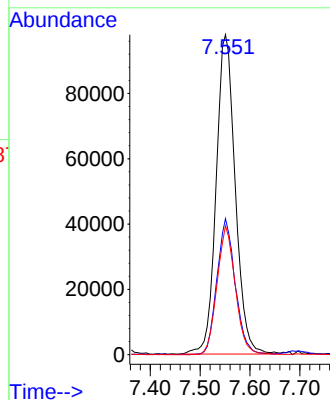
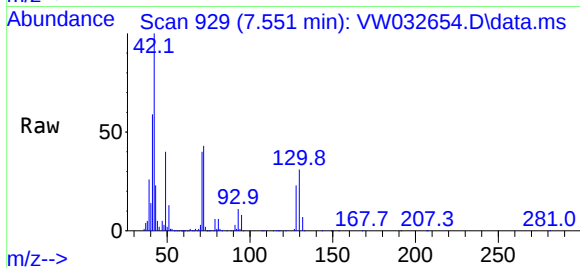
Tgt Ion: 42 Resp: 260338

Ion Ratio Lower Upper

42 100

72 40.9 33.2 49.8

71 38.6 30.7 46.1



#30

Chloroform

Concen: 43.350 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032654.D

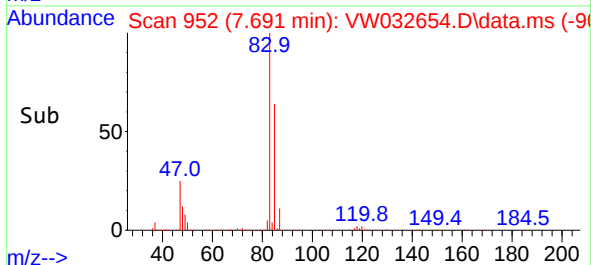
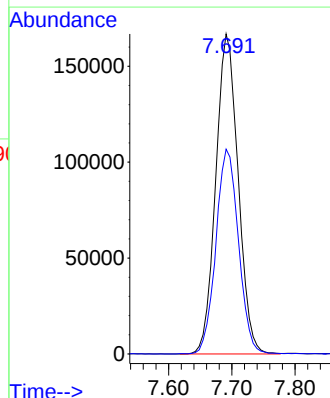
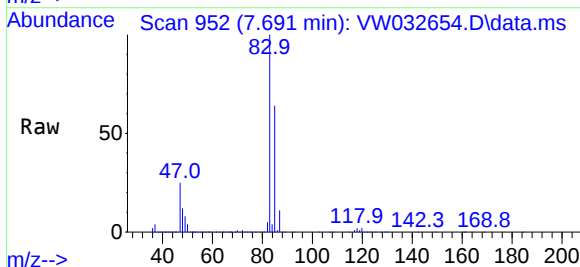
Acq: 16 Dec 2025 14:10

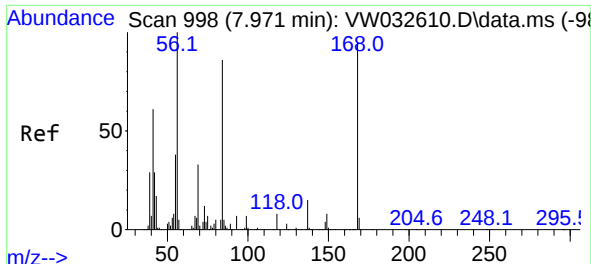
Tgt Ion: 83 Resp: 409582

Ion Ratio Lower Upper

83 100

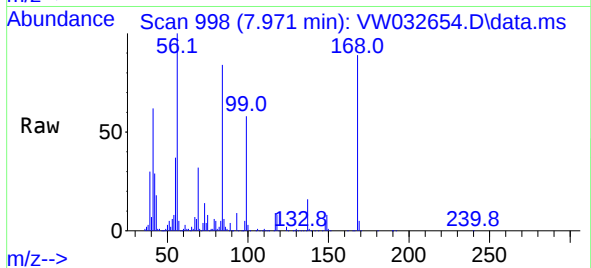
85 63.9 51.4 77.2



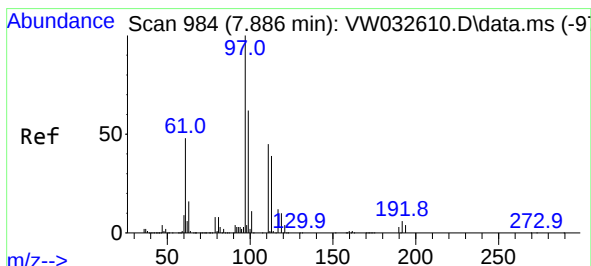
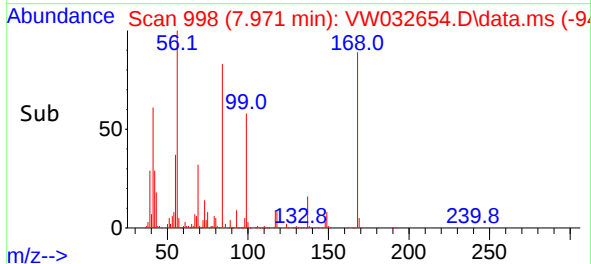
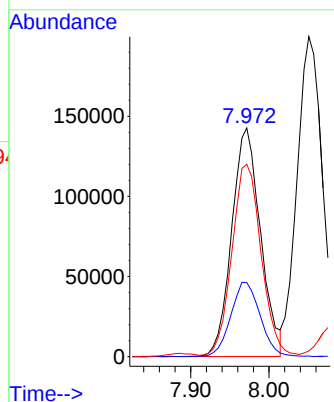


#31
Cyclohexane
Concen: 41.357 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

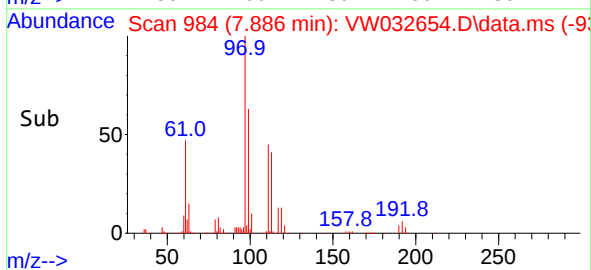
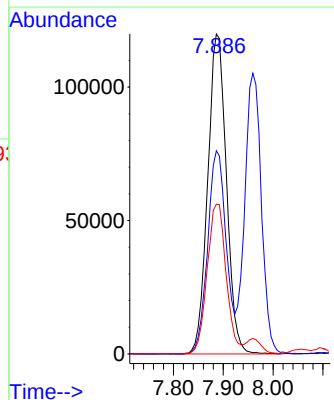
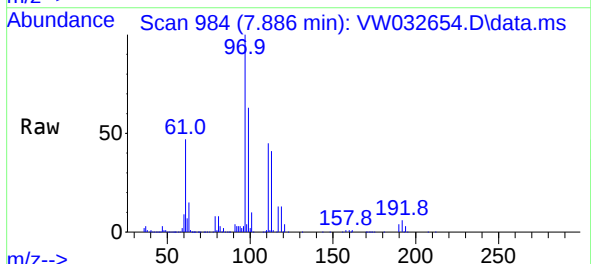


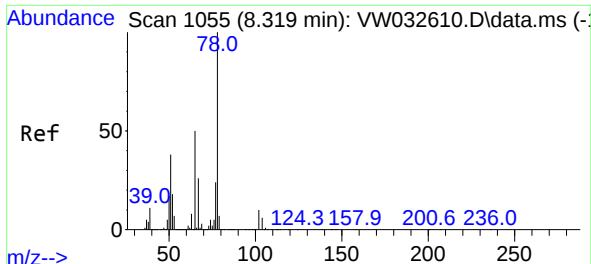
Tgt Ion: 56 Resp: 363961
Ion Ratio Lower Upper
56 100
69 32.3 26.2 39.2
84 82.7 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 43.395 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 97 Resp: 312268
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 47.5 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 38.566 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

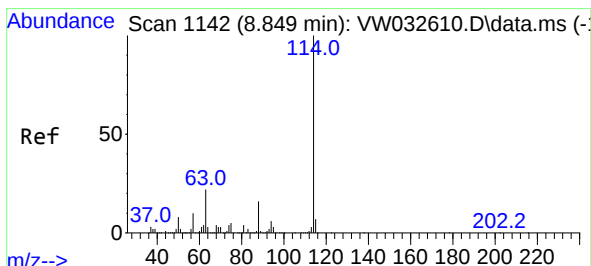
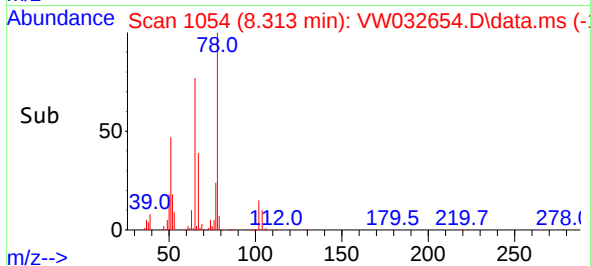
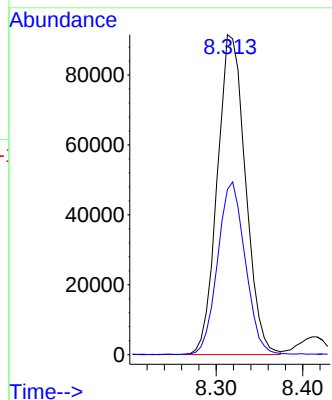
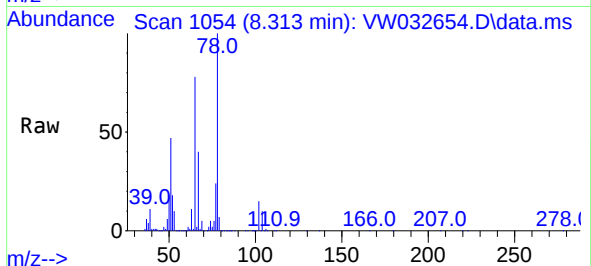
VSTDICCC050

Tgt Ion: 65 Resp: 206501

Ion Ratio Lower Upper

65 100

67 52.8 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: VW032654.D

Acq: 16 Dec 2025 14:10

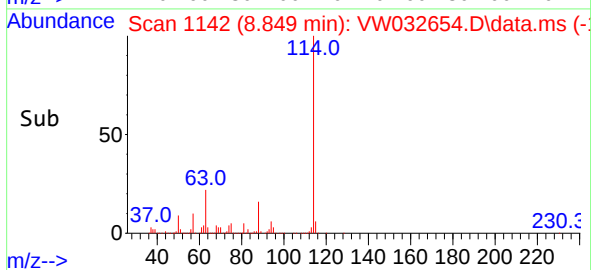
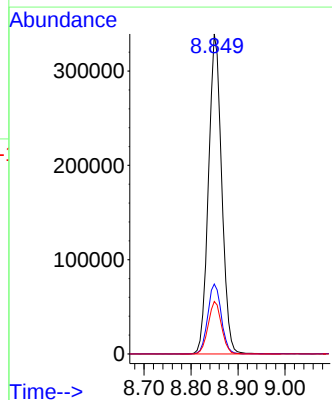
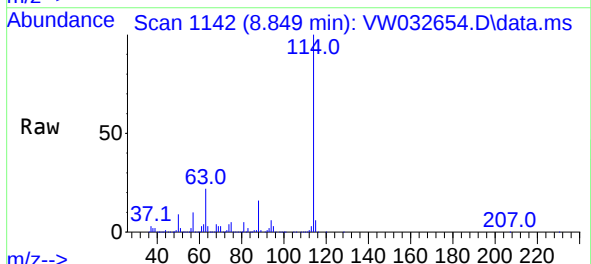
Tgt Ion: 114 Resp: 658699

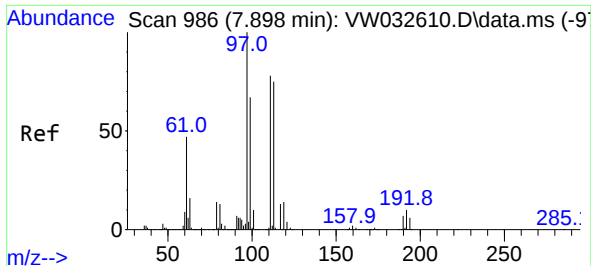
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.4 0.0 31.8

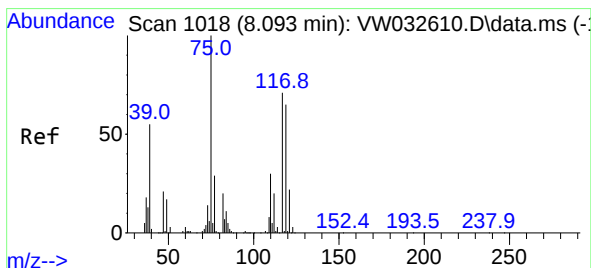
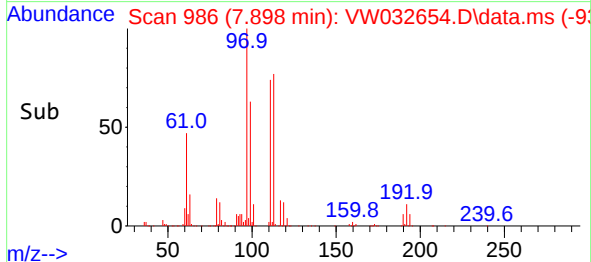
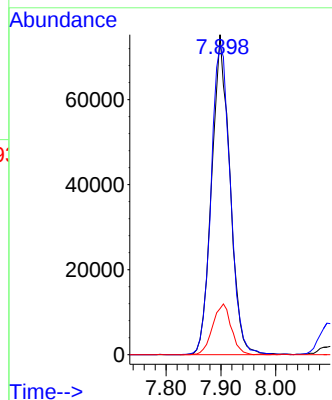
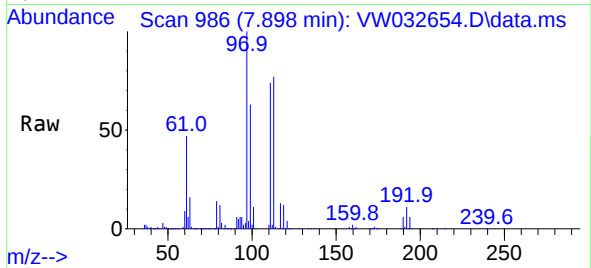




#35
Dibromofluoromethane
Concen: 40.464 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

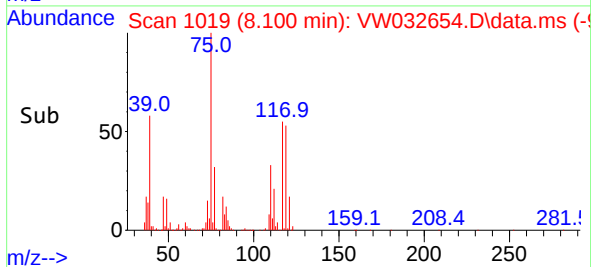
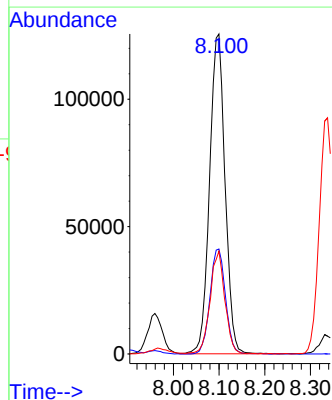
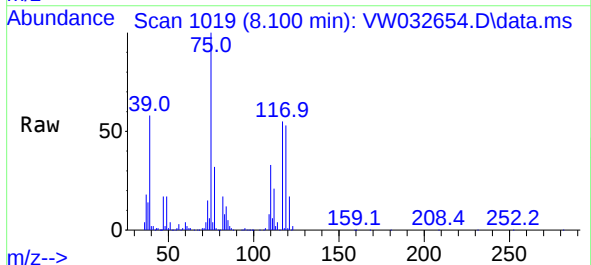
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

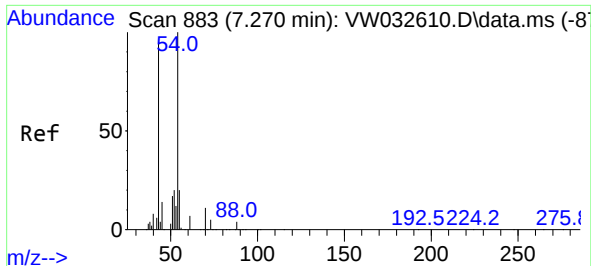
Tgt Ion:113 Resp: 173208
Ion Ratio Lower Upper
113 100
111 102.3 85.2 127.8
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 44.641 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 295922
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 41.028 ug/l

RT: 7.270 min Scan# 883

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

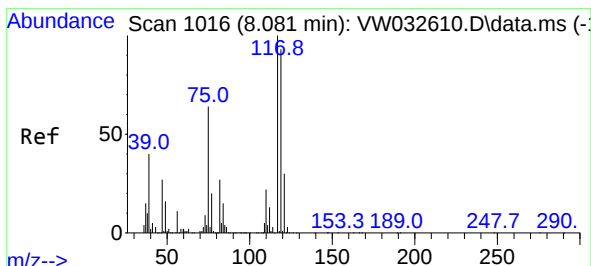
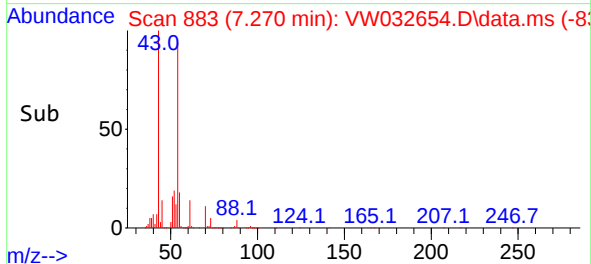
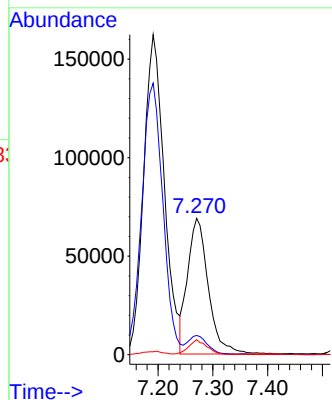
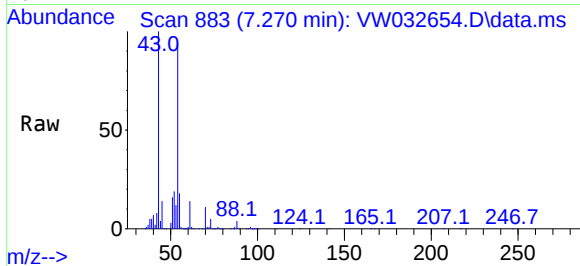
Tgt Ion: 43 Resp: 180617

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

70 9.6 7.7 11.5



#38

Carbon Tetrachloride

Concen: 43.548 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

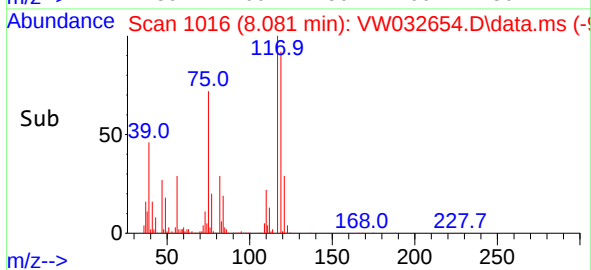
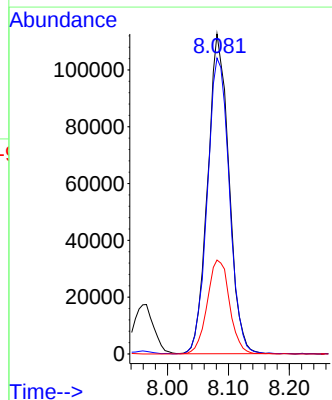
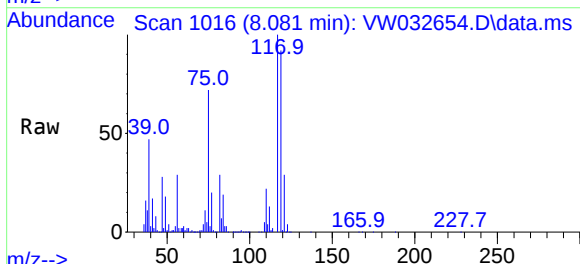
Tgt Ion: 117 Resp: 273267

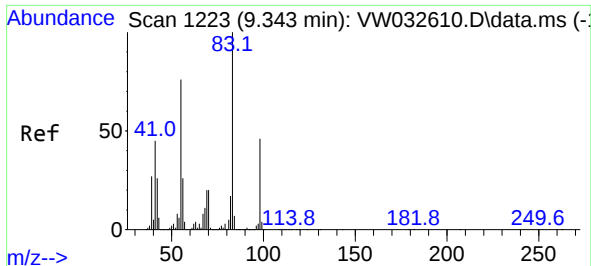
Ion Ratio Lower Upper

117 100

119 92.4 74.3 111.5

121 29.4 23.6 35.4





#39

Methylcyclohexane

Concen: 43.897 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

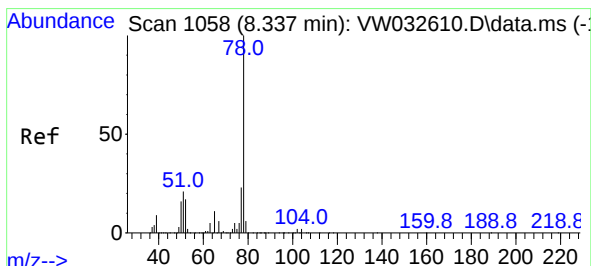
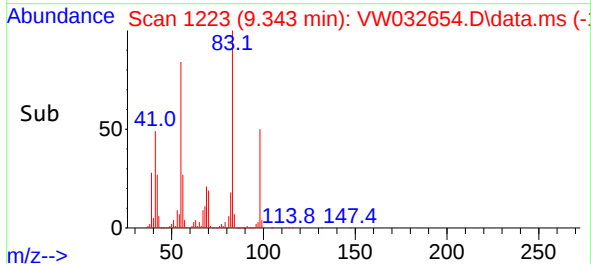
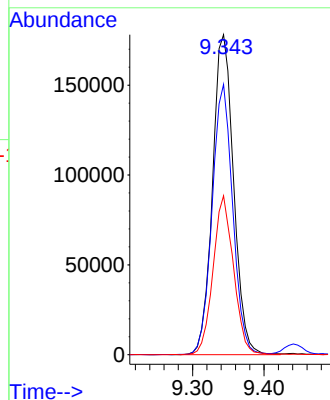
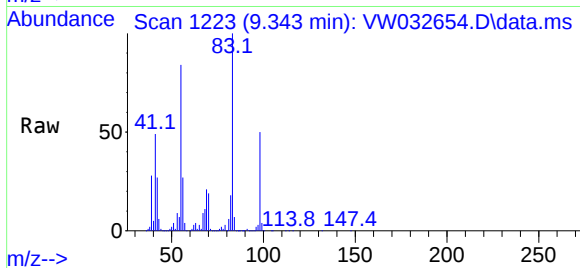
Tgt Ion: 83 Resp: 364414

Ion Ratio Lower Upper

83 100

55 84.3 61.2 91.8

98 49.6 37.0 55.4



#40

Benzene

Concen: 43.974 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VW032654.D

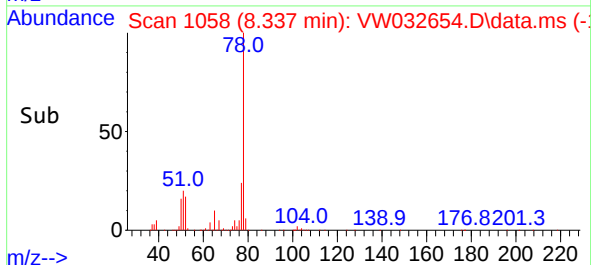
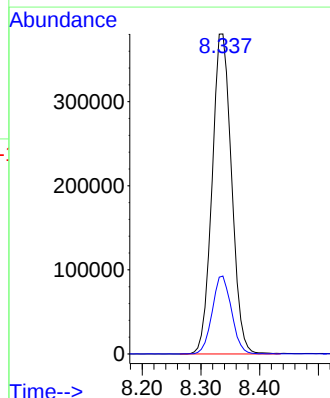
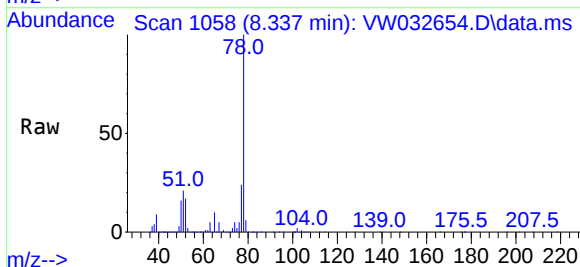
Acq: 16 Dec 2025 14:10

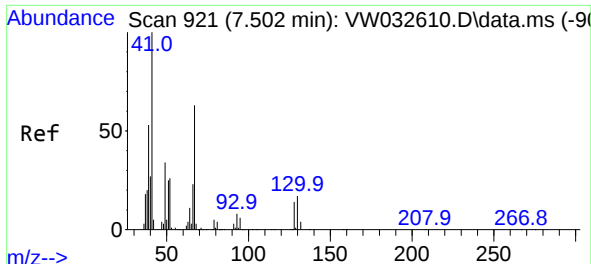
Tgt Ion: 78 Resp: 875605

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0



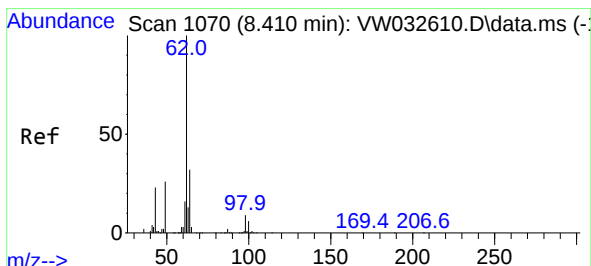
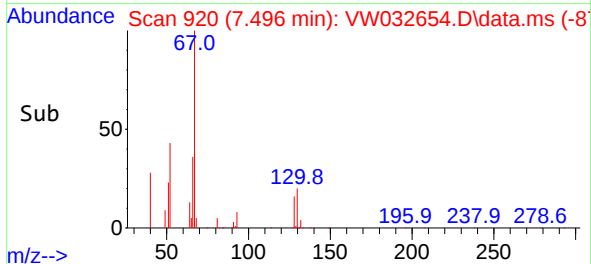
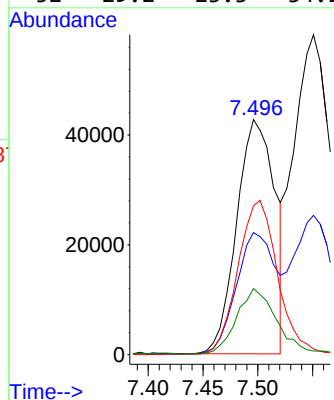
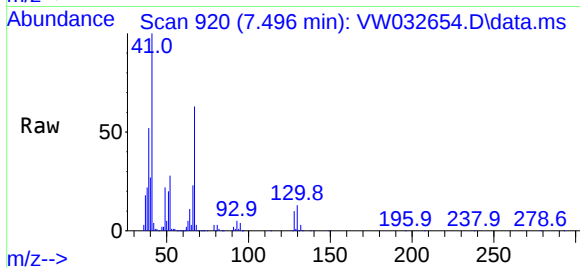


#41
Methacrylonitrile
Concen: 42.455 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 103608

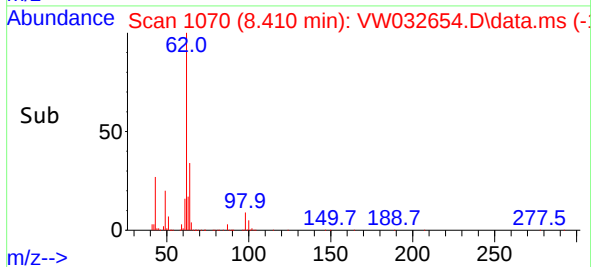
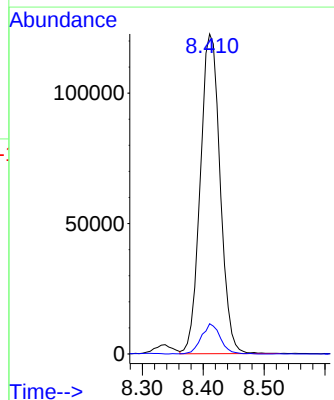
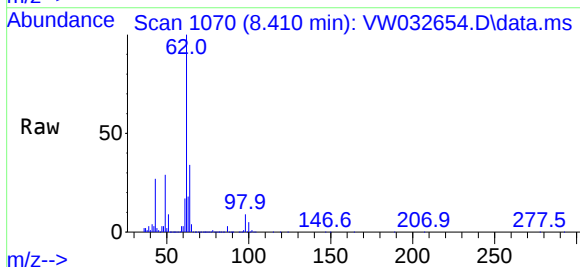
Ion	Ratio	Lower	Upper
41	100		
39	53.1	47.3	70.9
67	69.1	55.9	83.9
52	29.2	23.3	34.9

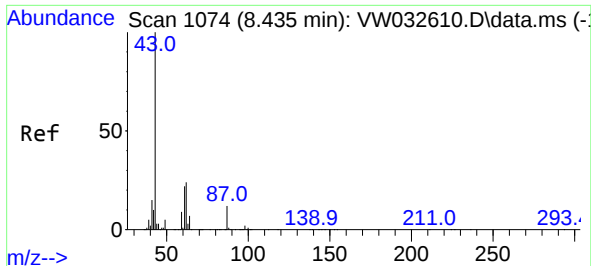


#42
1,2-Dichloroethane
Concen: 43.966 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 62 Resp: 277018

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

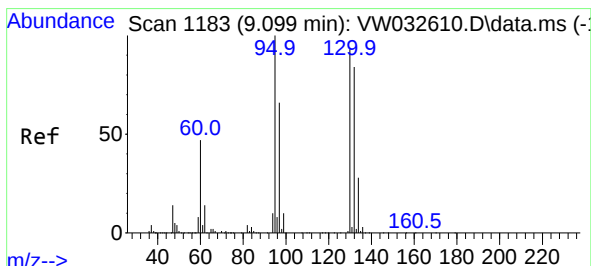
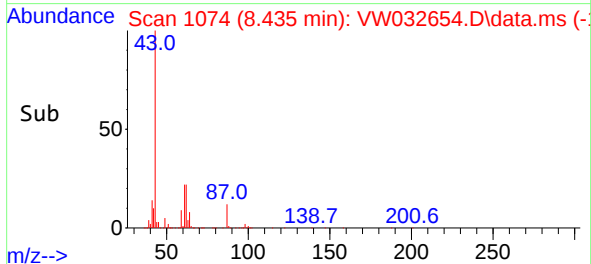
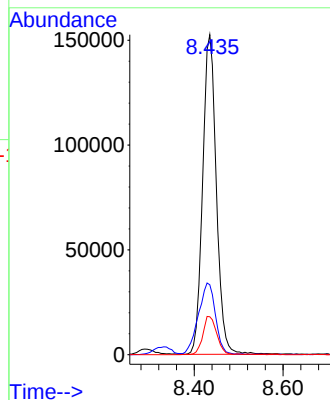
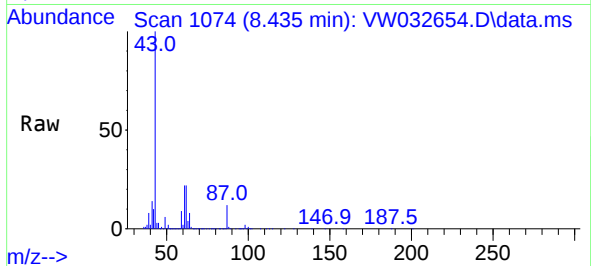




#43
Isopropyl Acetate
Concen: 42.758 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

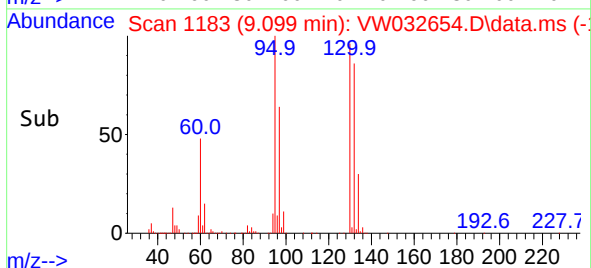
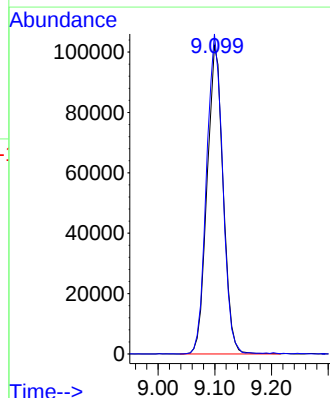
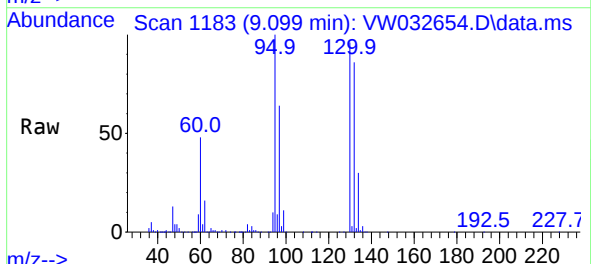
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

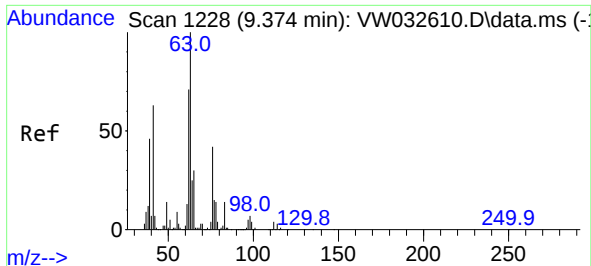
Tgt Ion: 43 Resp: 327699
Ion Ratio Lower Upper
43 100
61 27.8 22.7 34.1
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 43.670 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:130 Resp: 201114
Ion Ratio Lower Upper
130 100
95 103.8 0.0 215.6

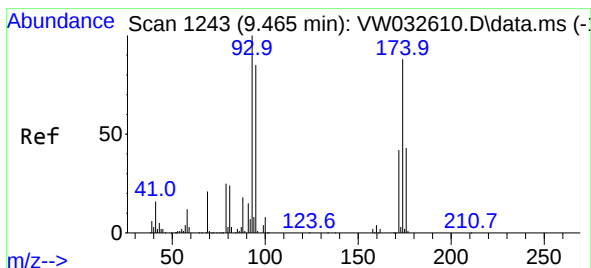
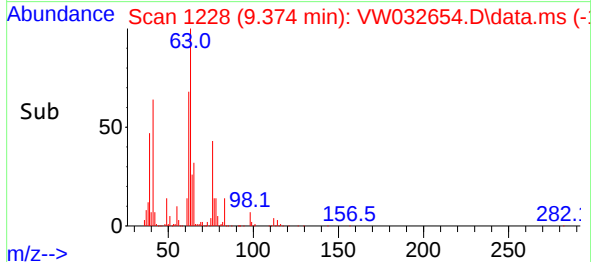
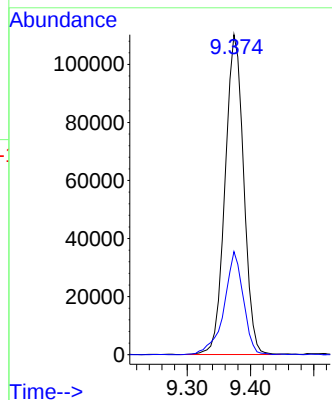
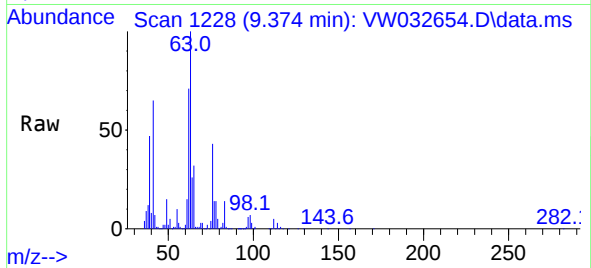




#45
1,2-Dichloropropane
Concen: 44.172 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

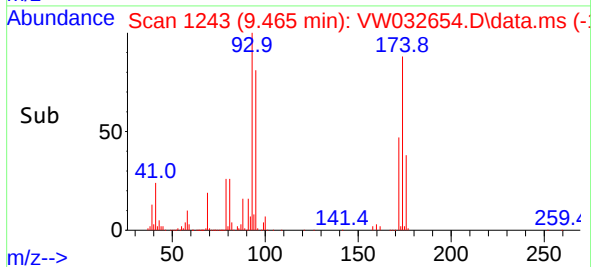
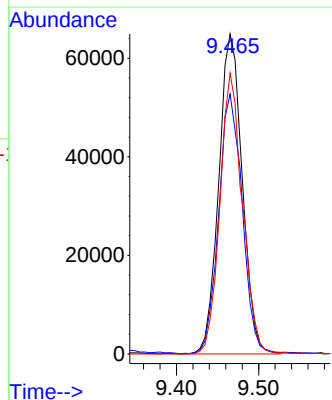
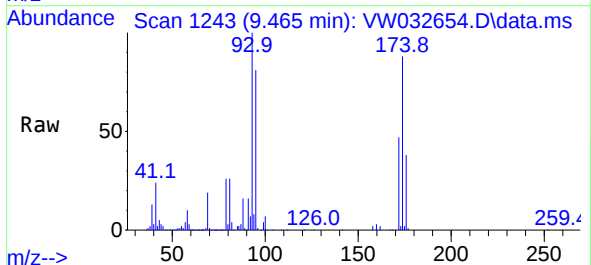
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

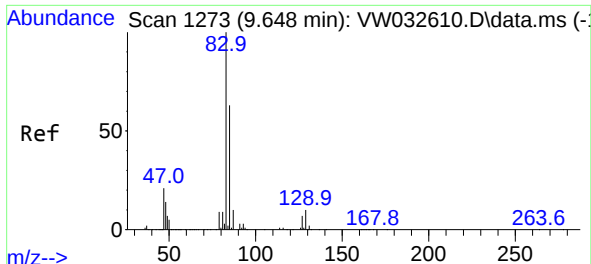
Tgt Ion: 63 Resp: 224315
Ion Ratio Lower Upper
63 100
65 32.2 23.8 35.6



#46
Dibromomethane
Concen: 44.145 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 93 Resp: 128965
Ion Ratio Lower Upper
93 100
95 82.1 67.0 100.4
174 84.1 67.6 101.4

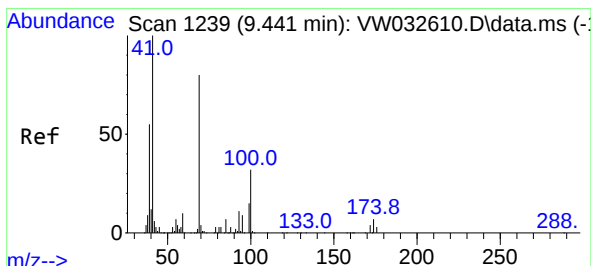
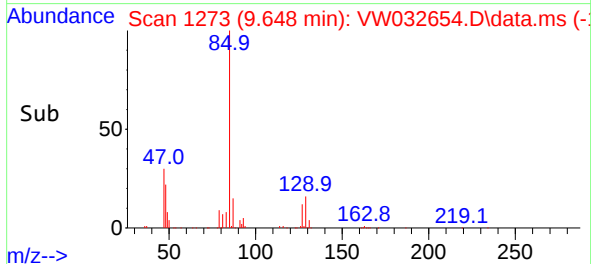
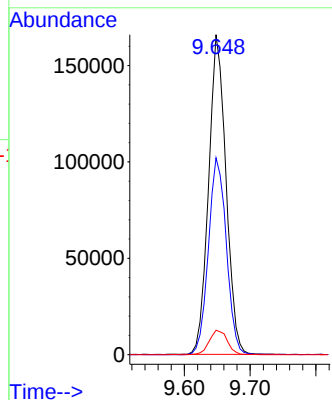
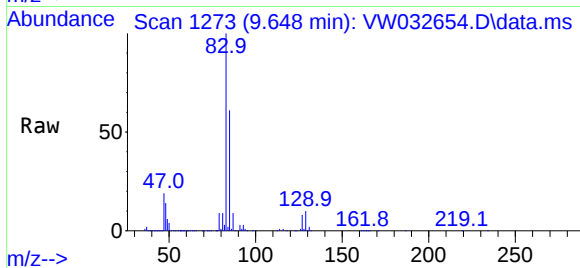




#47
Bromodichloromethane
Concen: 44.394 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

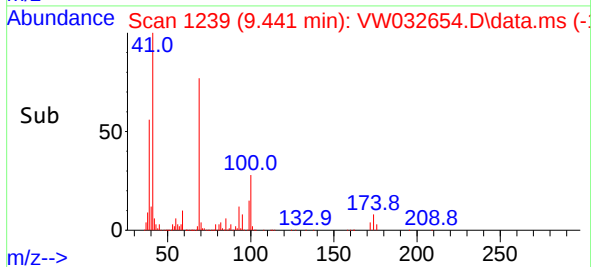
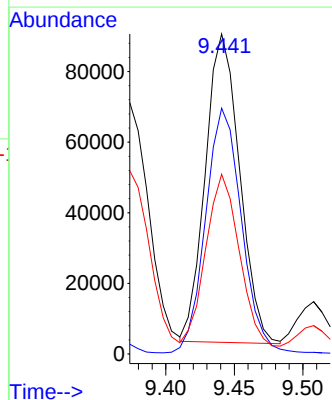
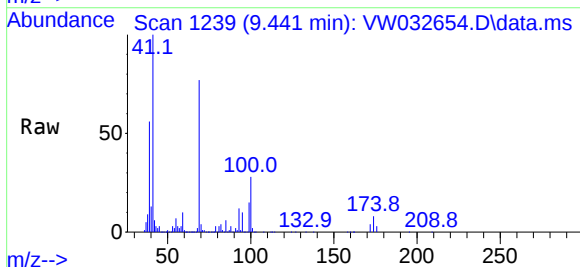
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

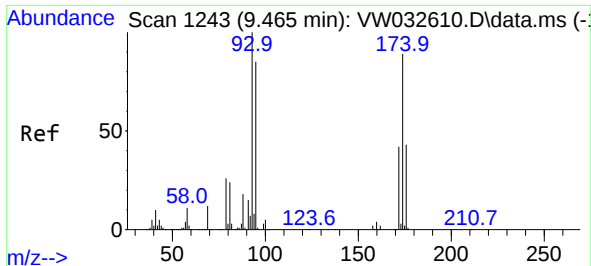
Tgt Ion: 83 Resp: 305660
Ion Ratio Lower Upper
83 100
85 61.5 50.7 76.1
127 7.6 6.0 9.0



#48
Methyl methacrylate
Concen: 41.221 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 41 Resp: 152098
Ion Ratio Lower Upper
41 100
69 83.7 67.9 101.9
39 54.7 43.8 65.8

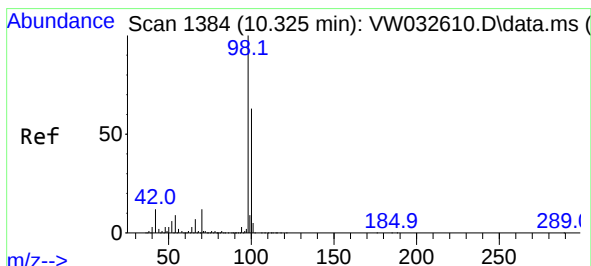
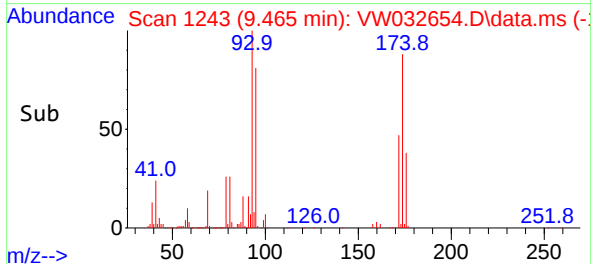
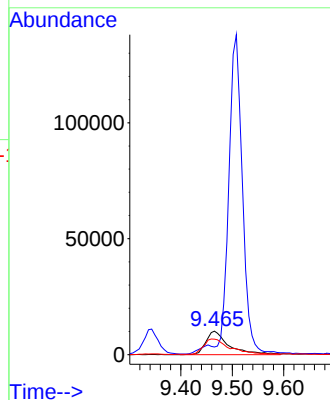
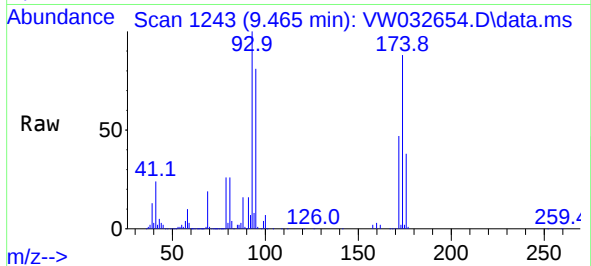




#49
1,4-Dioxane
Concen: 852.871 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

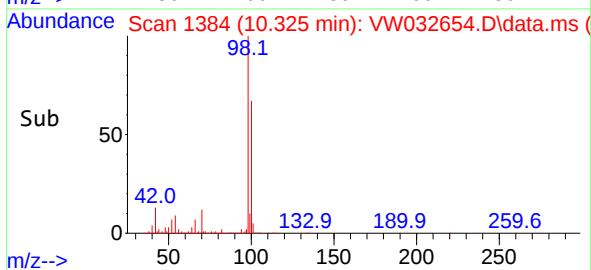
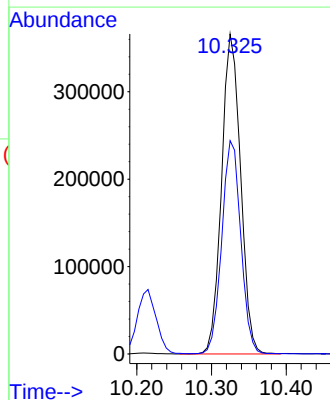
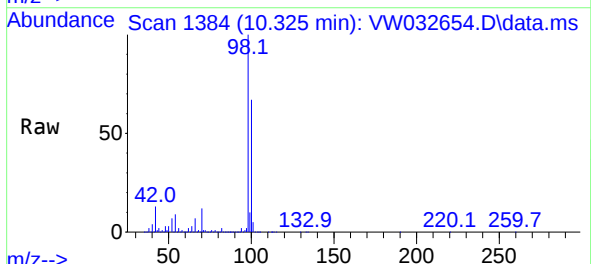
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

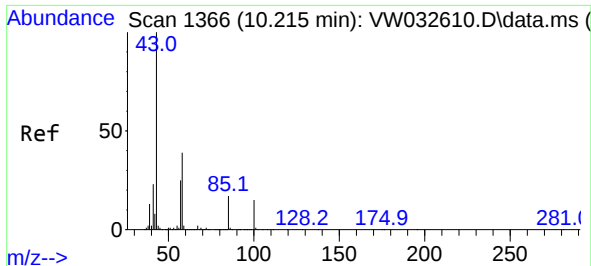
Tgt Ion: 88 Resp: 31612
Ion Ratio Lower Upper
88 100
43 24.9 0.0 0.0#
58 75.6 63.8 95.8



#50
Toluene-d8
Concen: 40.108 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 98 Resp: 646936
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.2

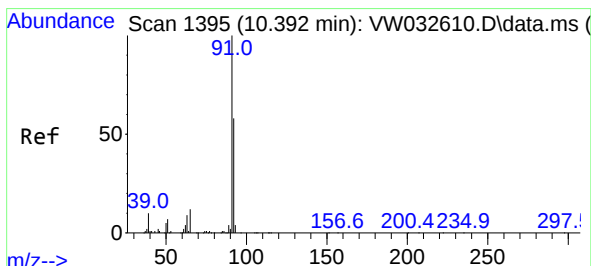
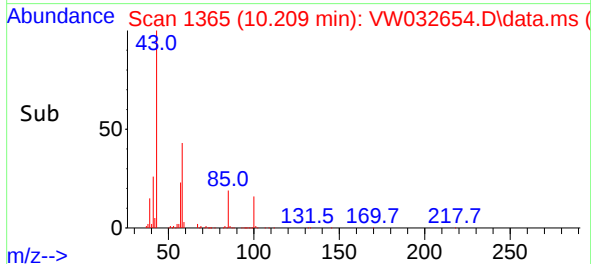
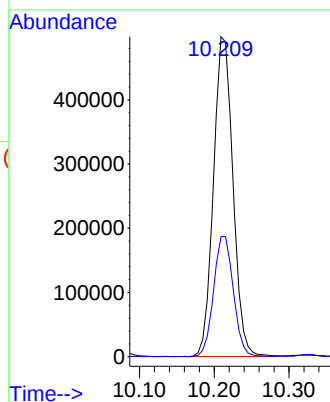
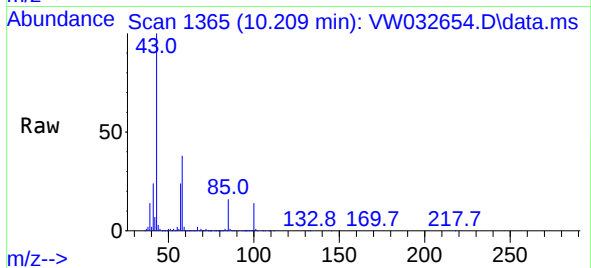




#51
4-Methyl-2-Pentanone
Concen: 209.997 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

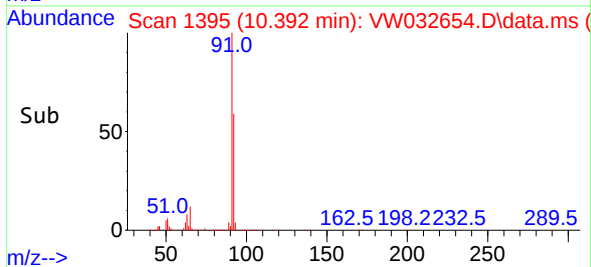
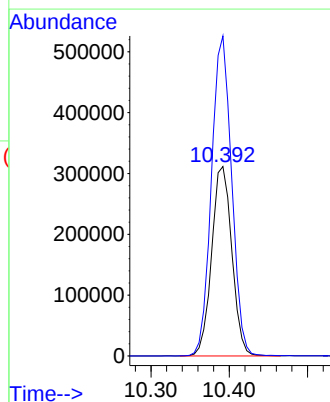
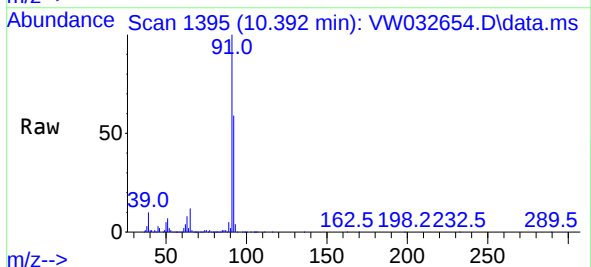
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

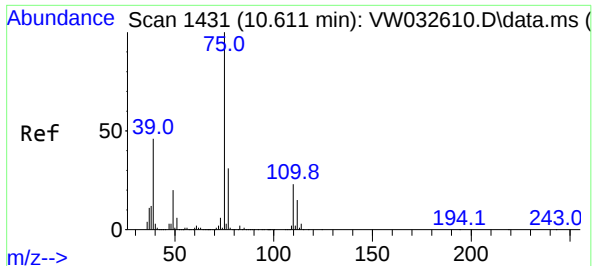
Tgt Ion: 43 Resp: 903924
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8



#52
Toluene
Concen: 45.403 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 92 Resp: 556693
Ion Ratio Lower Upper
92 100
91 169.2 137.6 206.4

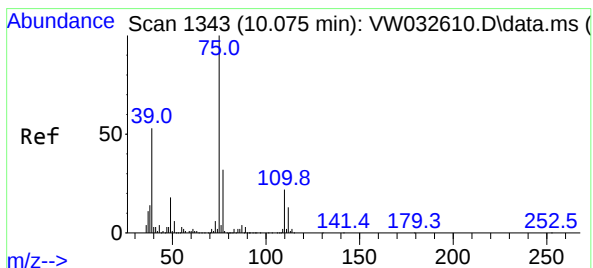
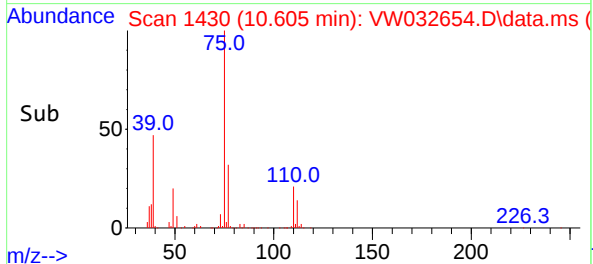
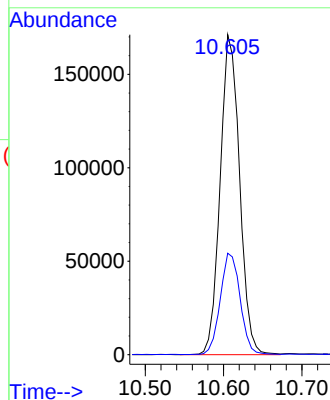
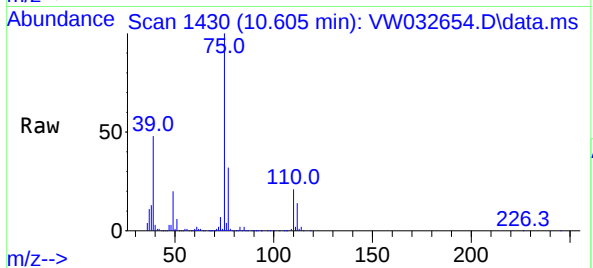




#53
t-1,3-Dichloropropene
Concen: 44.072 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

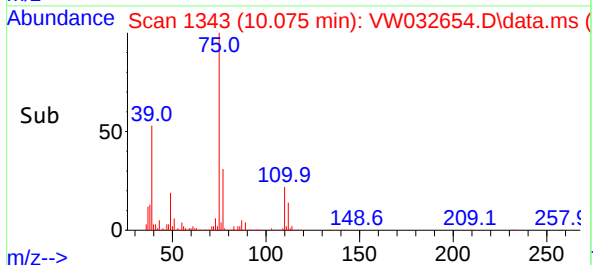
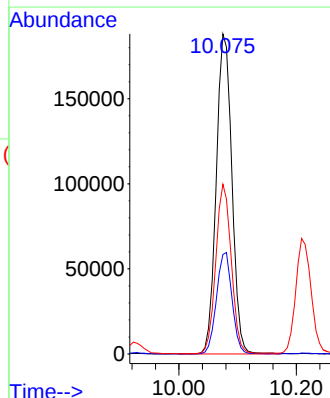
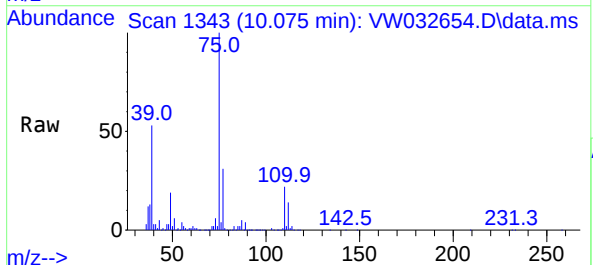
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

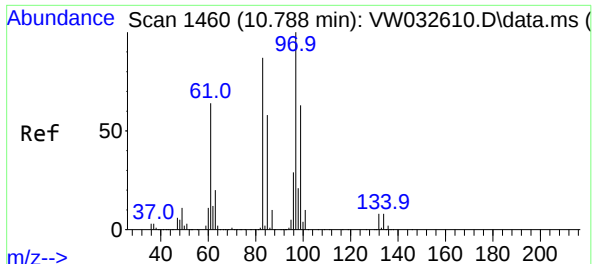
Tgt Ion: 75 Resp: 295241
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 44.611 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 347562
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
39 53.0 42.5 63.7



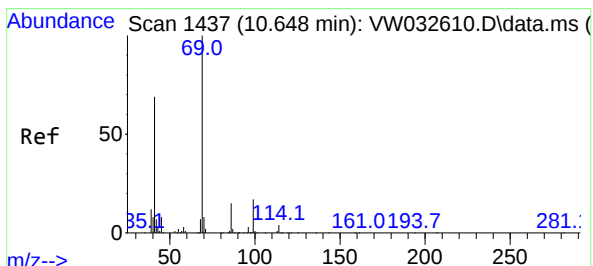
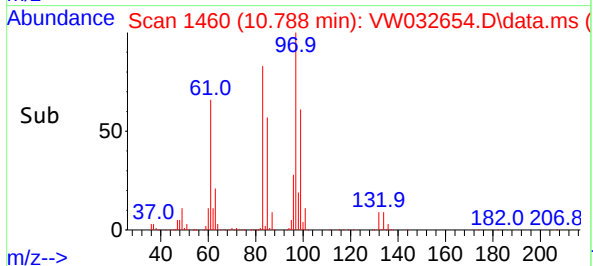
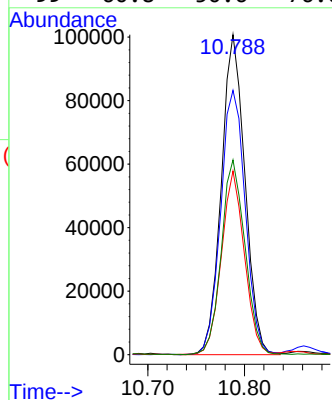
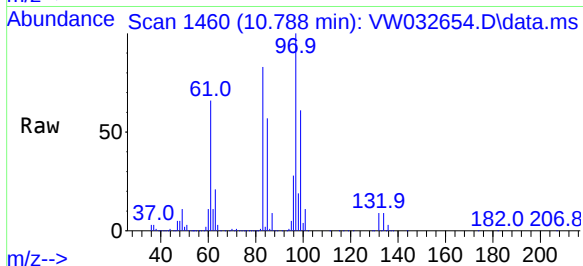


#55
1,1,2-Trichloroethane
Concen: 43.131 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 170829

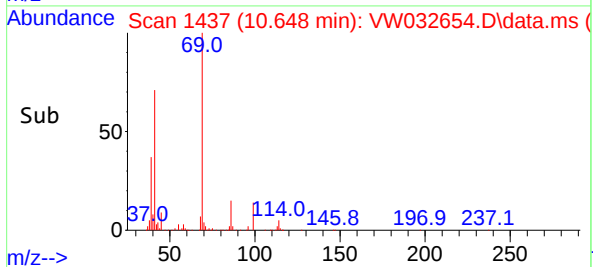
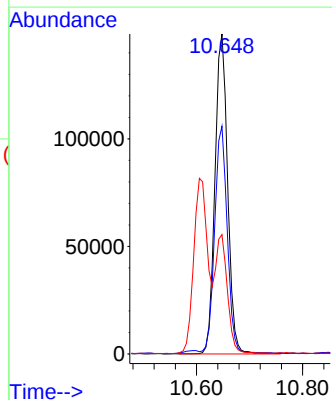
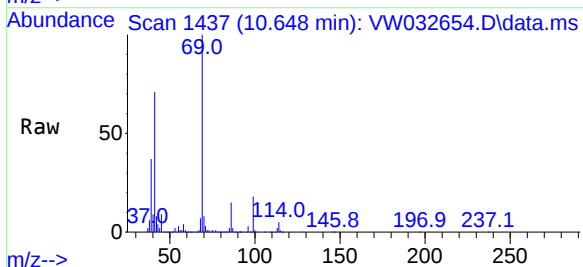
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.3	103.9
85	57.3	46.1	69.1
99	60.8	50.6	76.0

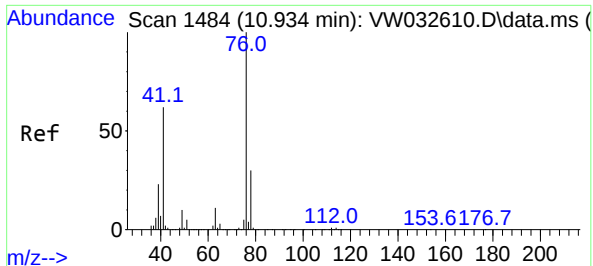


#56
Ethyl methacrylate
Concen: 45.015 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 69 Resp: 247595

Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.0	85.6
39	34.5	27.2	40.8

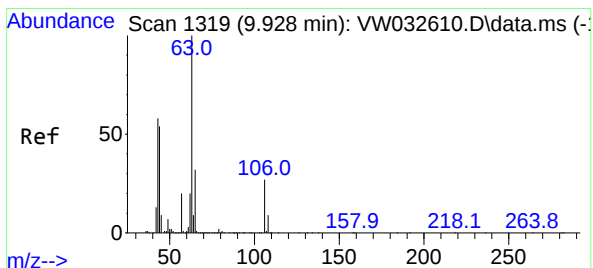
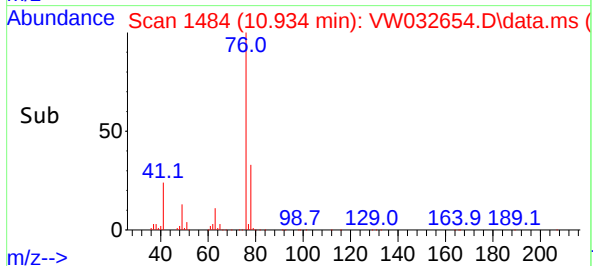
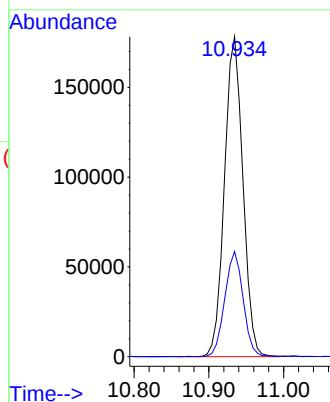
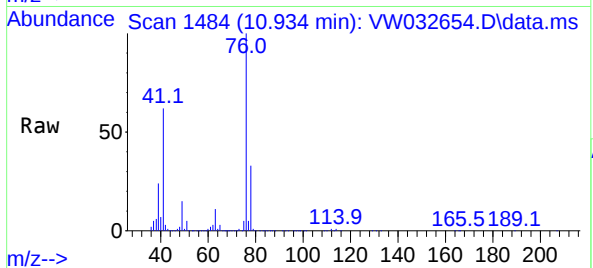




#57
1,3-Dichloropropane
Concen: 43.586 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

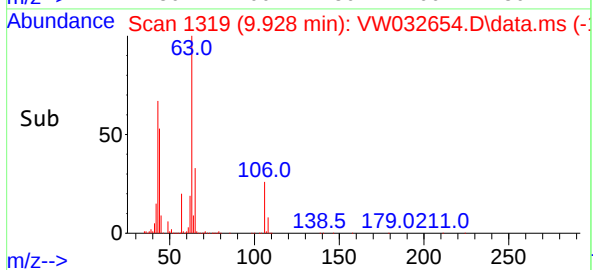
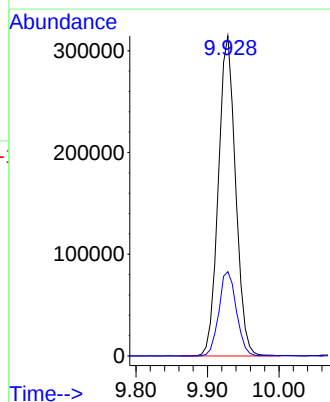
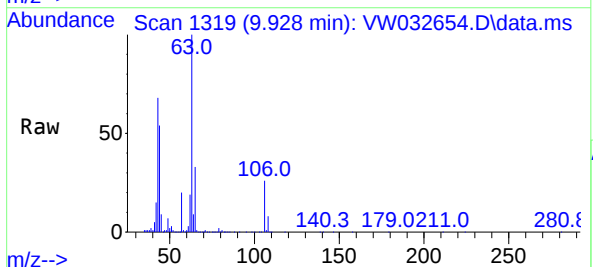
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

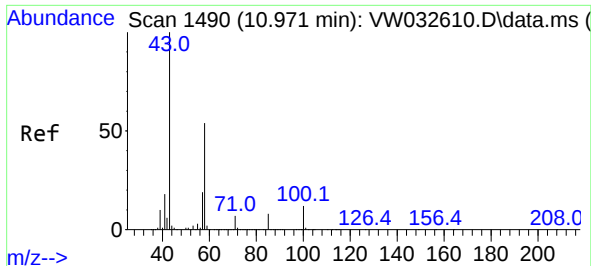
Tgt Ion: 76 Resp: 305813
Ion Ratio Lower Upper
76 100
78 32.7 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 191.928 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.001 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 63 Resp: 525735
Ion Ratio Lower Upper
63 100
106 26.9 21.3 31.9

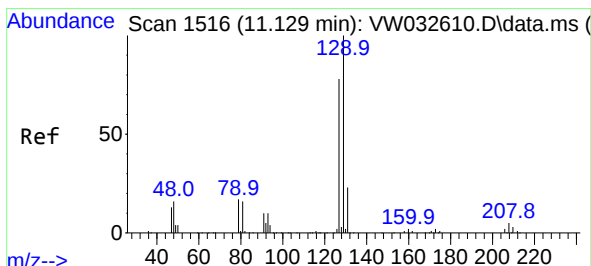
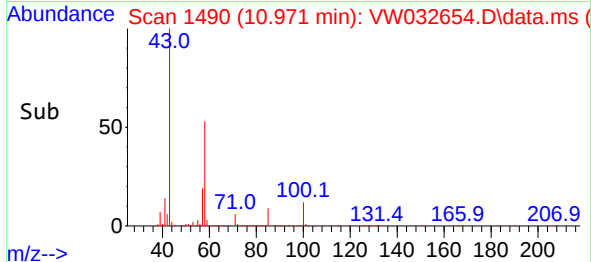
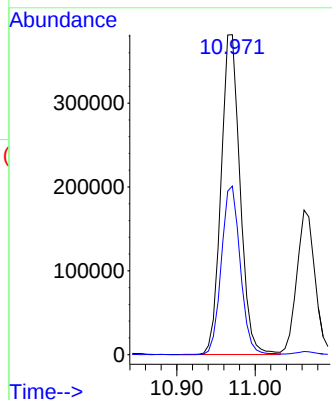
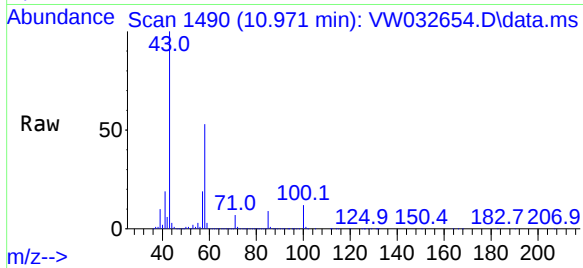




#59
2-Hexanone
Concen: 208.231 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

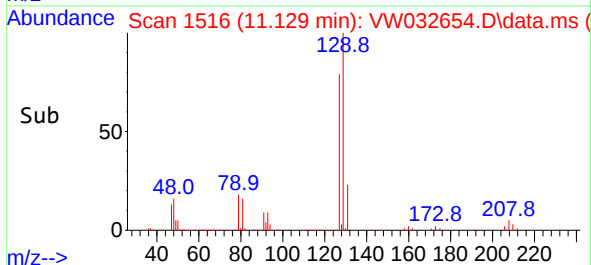
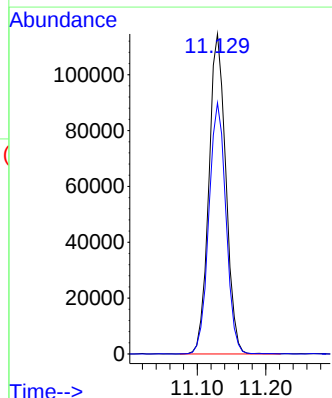
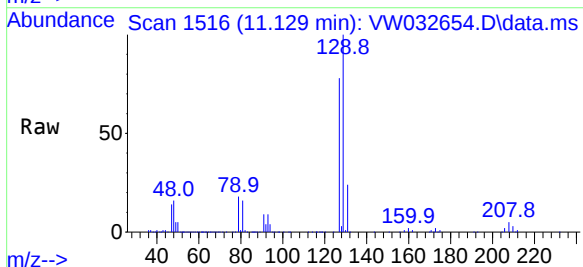
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

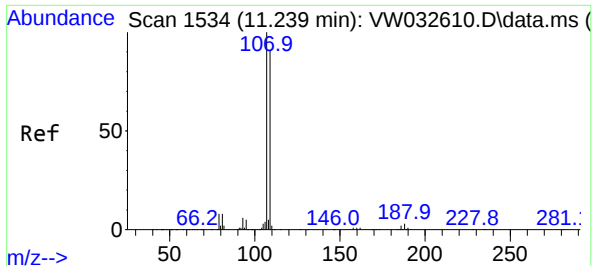
Tgt Ion: 43 Resp: 645703
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 44.989 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:129 Resp: 197457
Ion Ratio Lower Upper
129 100
127 79.0 37.2 111.6

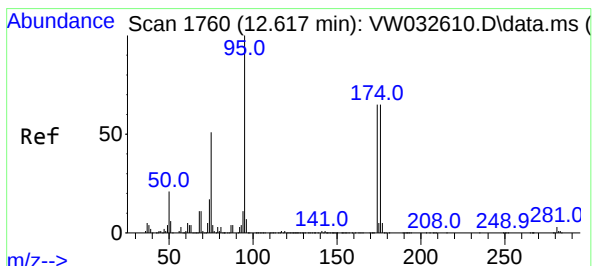
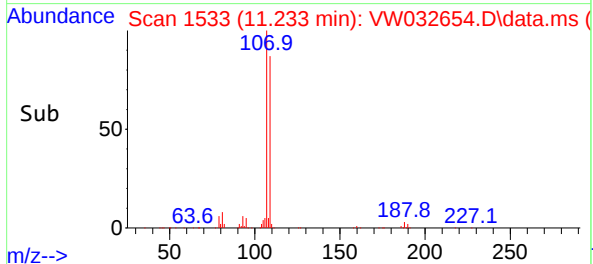
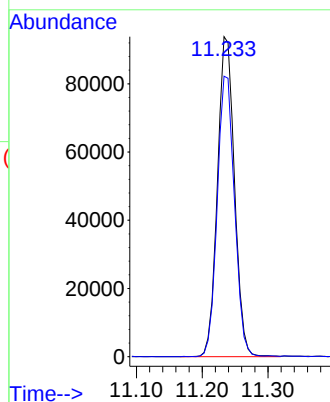
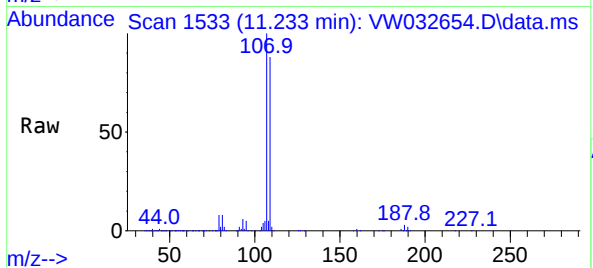




#61
1,2-Dibromoethane
Concen: 44.749 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

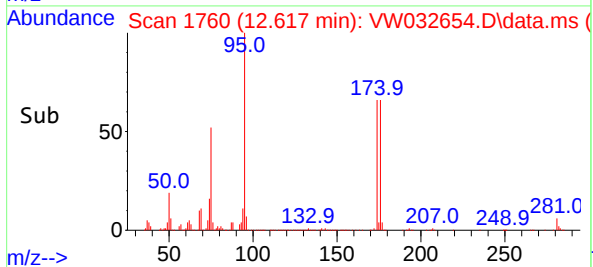
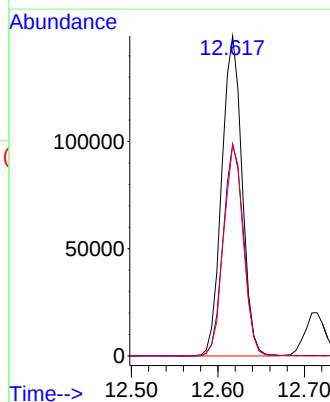
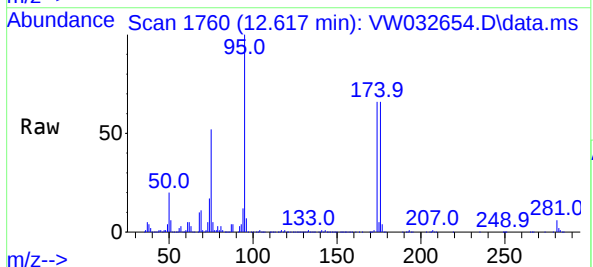
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

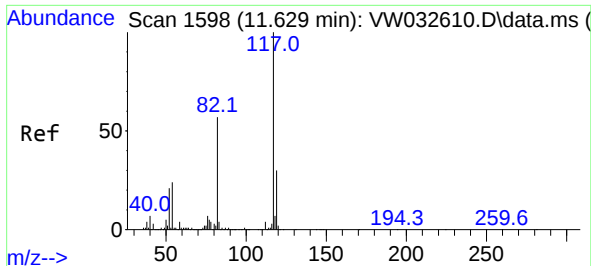
Tgt Ion:107 Resp: 168947
Ion Ratio Lower Upper
107 100
109 88.9 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 40.923 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 95 Resp: 242784
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.0
176 64.6 0.0 123.4



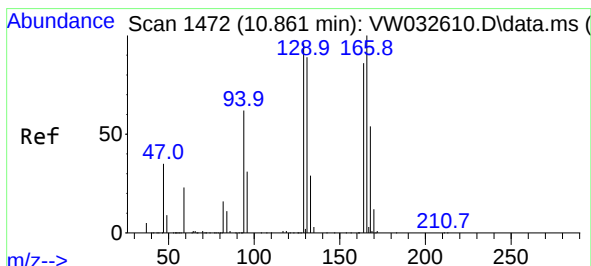
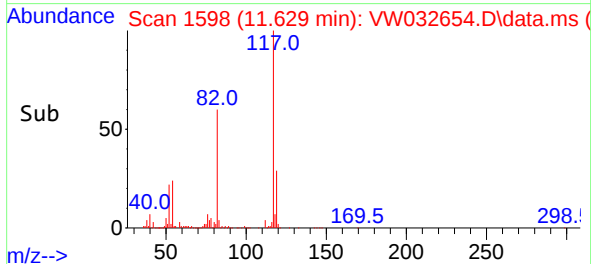
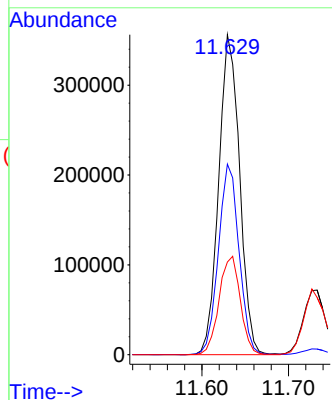
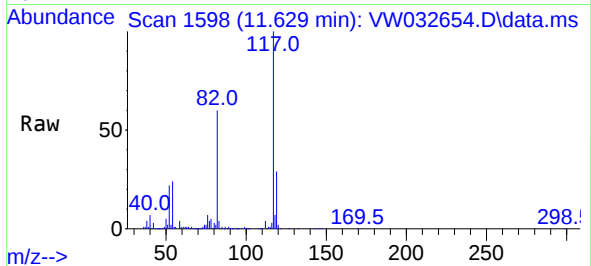


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 597814

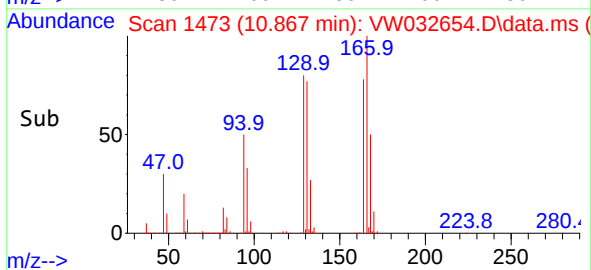
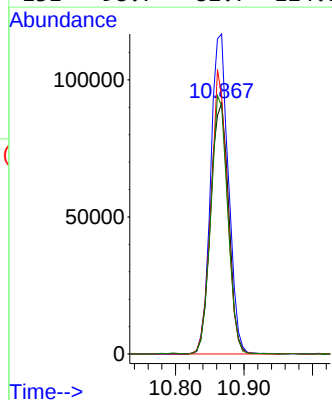
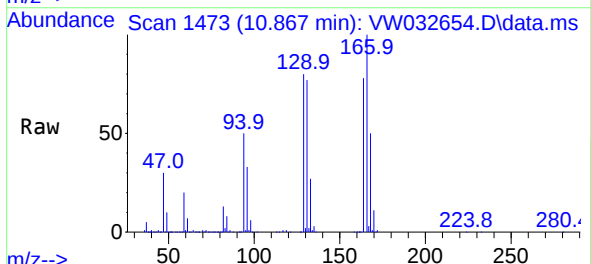
Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.5	68.3
119	29.0	23.8	35.8

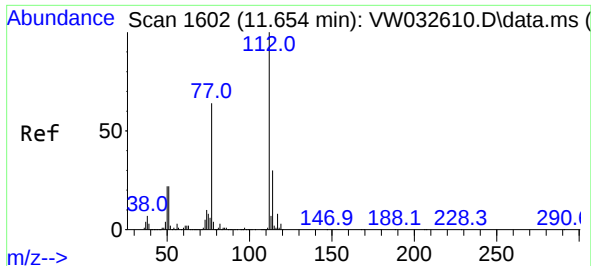


#64
Tetrachloroethene
Concen: 43.966 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:164 Resp: 167674

Ion	Ratio	Lower	Upper
164	100		
166	127.6	93.0	139.6
129	102.6	89.2	133.8
131	98.7	82.7	124.1

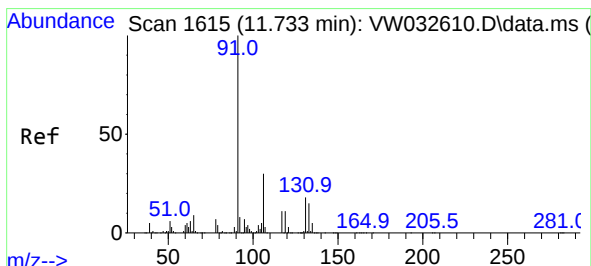
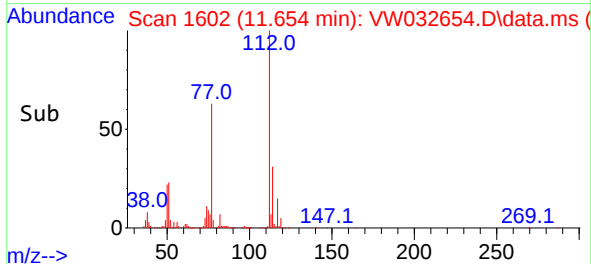
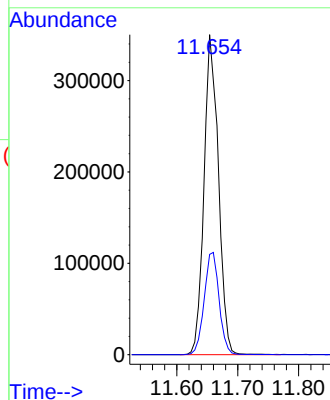
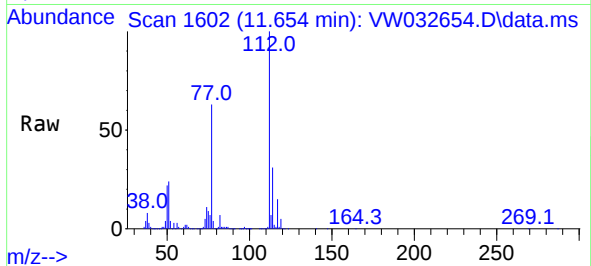




#65
Chlorobenzene
Concen: 42.380 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

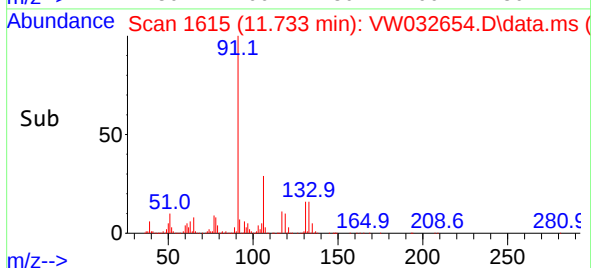
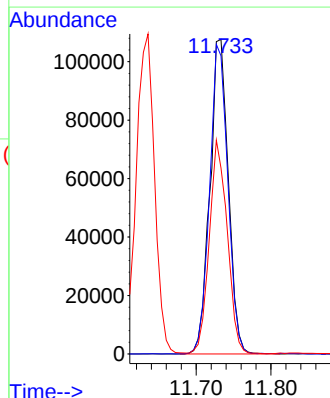
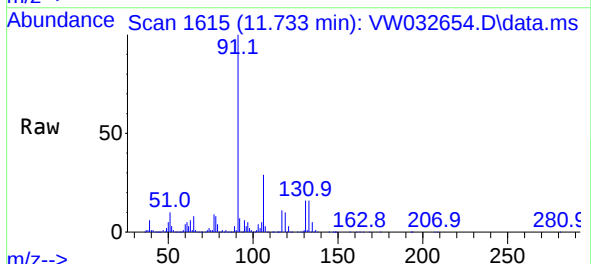
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

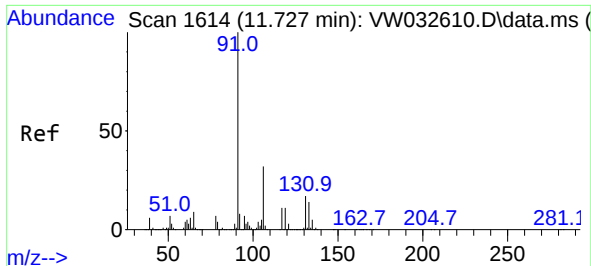
Tgt Ion:112 Resp: 575794
Ion Ratio Lower Upper
112 100
114 31.3 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 44.252 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:131 Resp: 184048
Ion Ratio Lower Upper
131 100
133 97.5 44.0 132.1
119 66.1 32.0 96.2

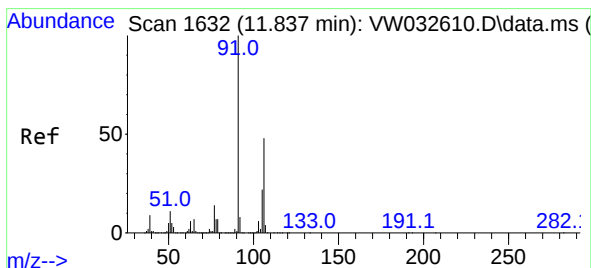
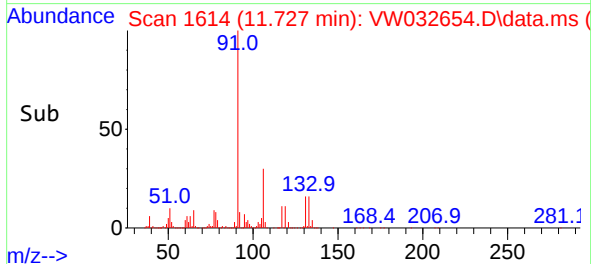
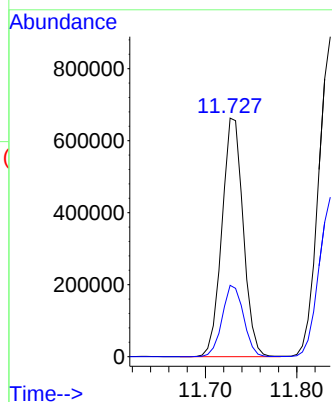
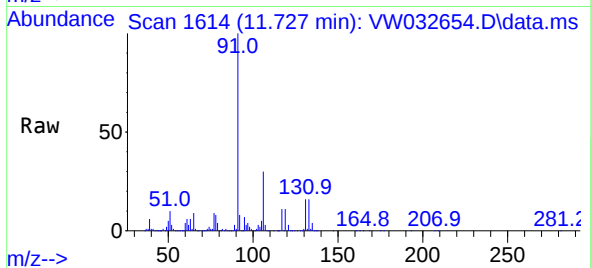




#67
Ethyl Benzene
Concen: 46.177 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

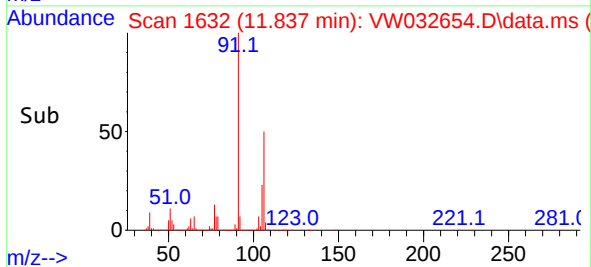
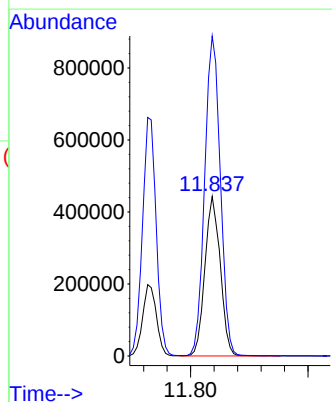
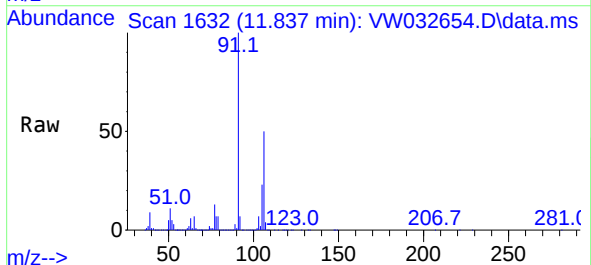
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

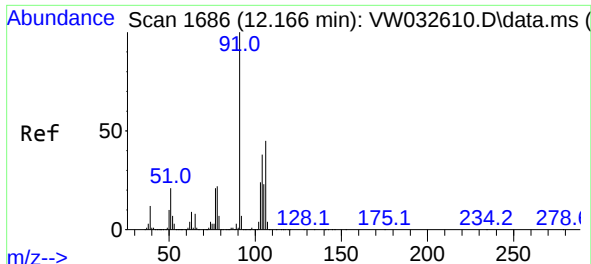
Tgt Ion: 91 Resp: 1072328
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.6



#68
m/p-Xylenes
Concen: 90.562 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:106 Resp: 802123
Ion Ratio Lower Upper
106 100
91 205.2 165.6 248.4





#69

o-Xylene

Concen: 46.155 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

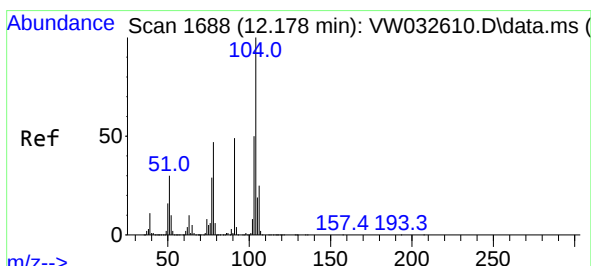
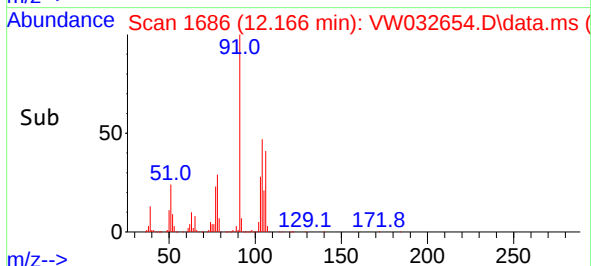
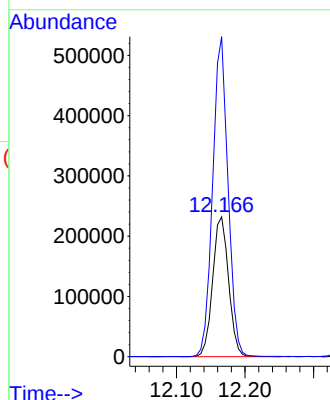
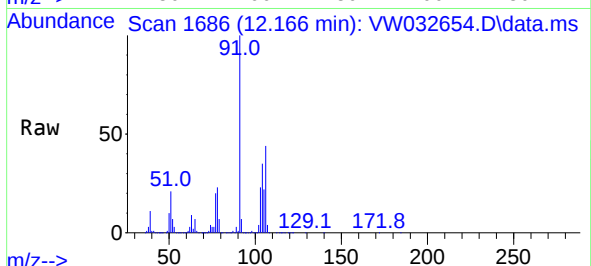
VSTDICCC050

Tgt Ion:106 Resp: 373466

Ion Ratio Lower Upper

106 100

91 220.5 108.3 324.8



#70

Styrene

Concen: 46.093 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

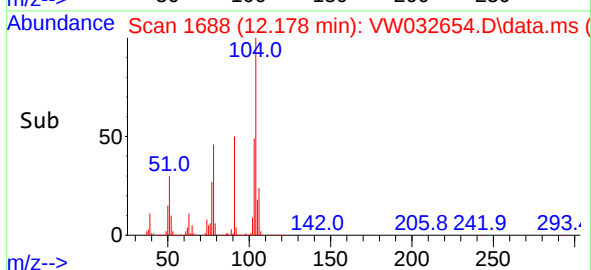
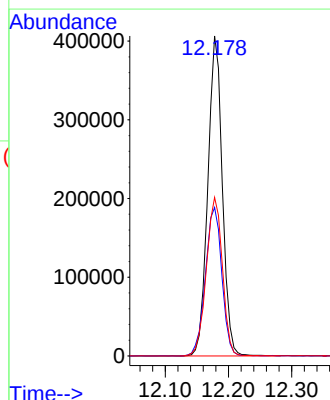
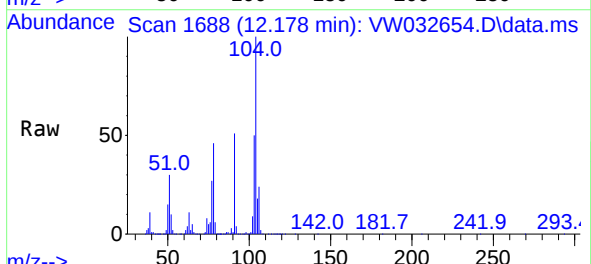
Tgt Ion:104 Resp: 649841

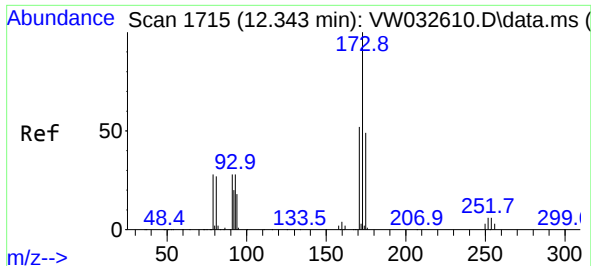
Ion Ratio Lower Upper

104 100

78 52.7 41.5 62.3

103 55.0 43.8 65.6

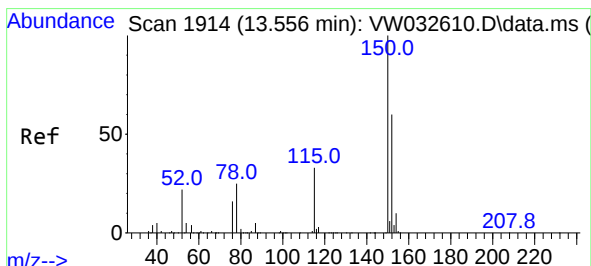
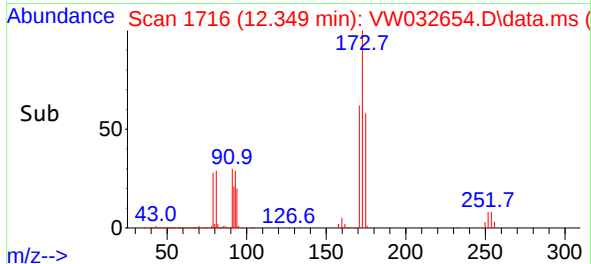
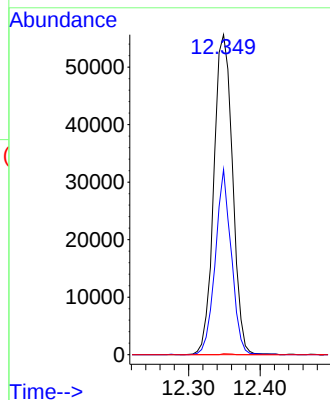
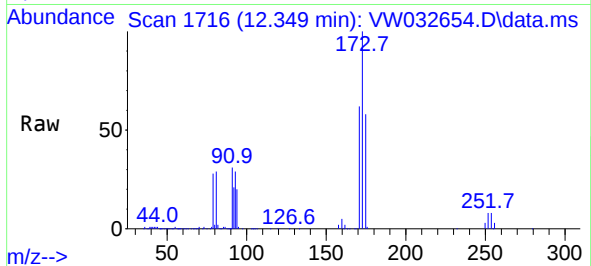




#71
Bromoform
Concen: 43.527 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

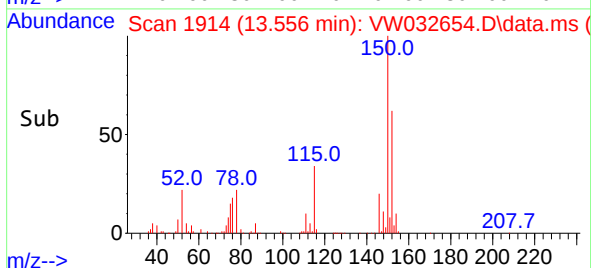
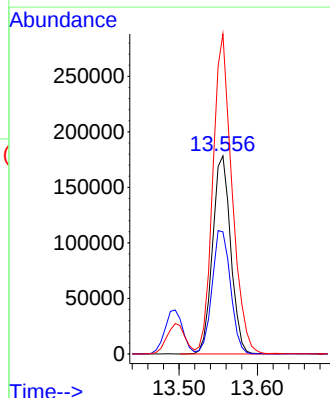
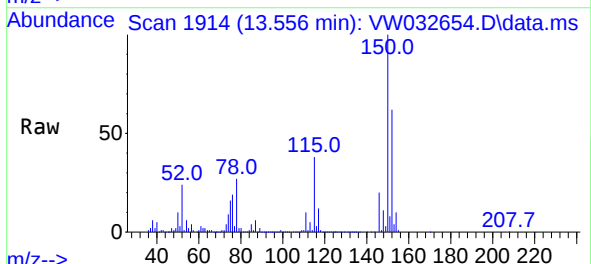
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

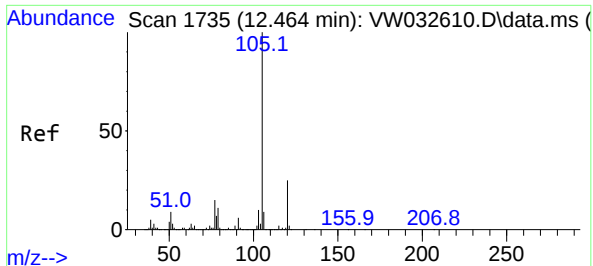
Tgt Ion:173 Resp: 101145
Ion Ratio Lower Upper
173 100
175 49.6 24.9 74.7
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:152 Resp: 285950
Ion Ratio Lower Upper
152 100
115 63.3 33.8 101.3
150 170.6 0.0 369.4

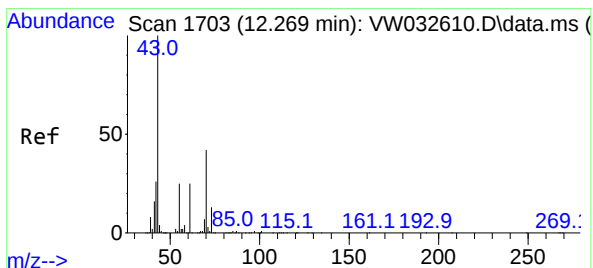
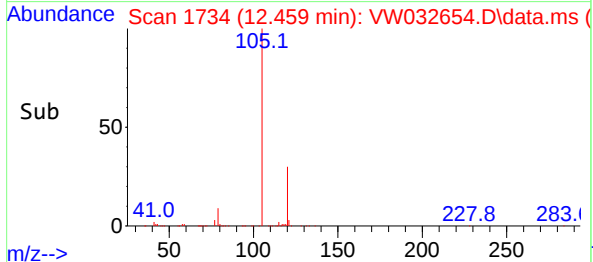
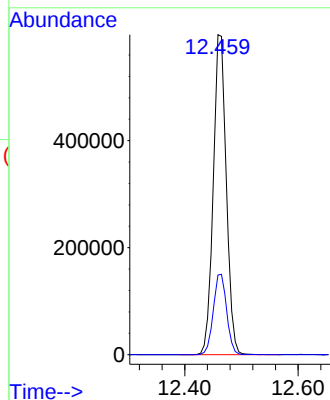
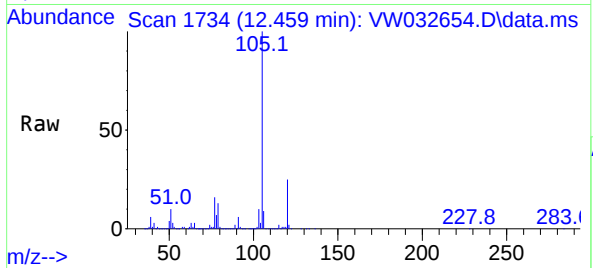




#73
Isopropylbenzene
Concen: 44.240 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

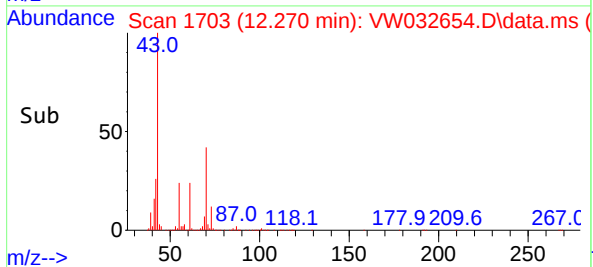
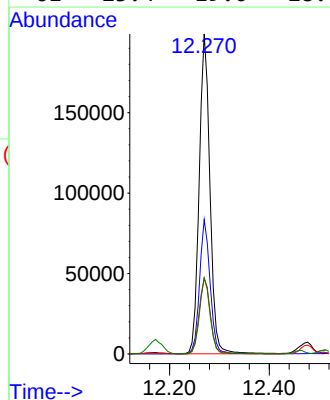
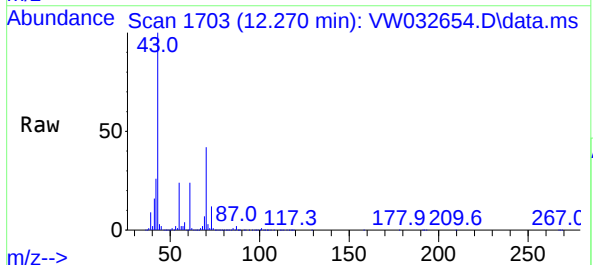
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

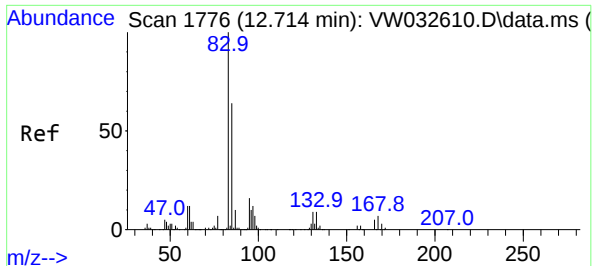
Tgt Ion:105 Resp: 951866
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 42.326 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 297522
Ion Ratio Lower Upper
43 100
70 41.2 32.4 48.6
55 24.7 19.8 29.6
61 23.4 19.0 28.4

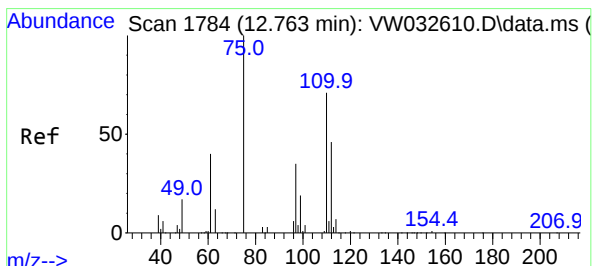
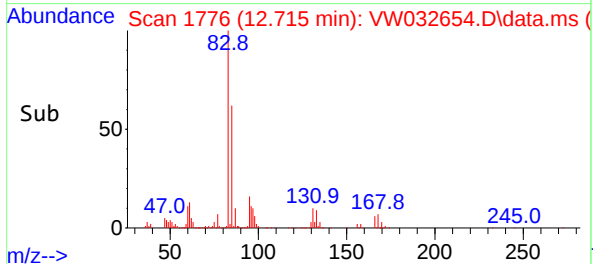
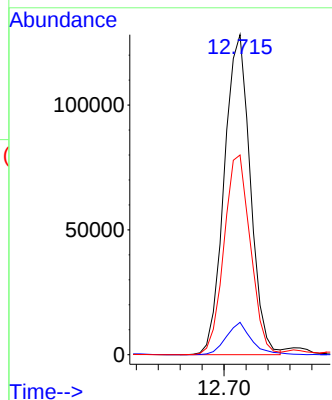
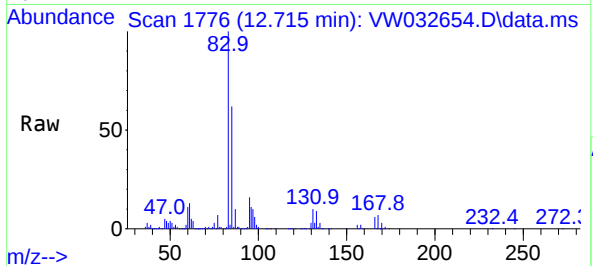




#75
1,1,2,2-Tetrachloroethane
Concen: 41.340 ug/l
RT: 12.715 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

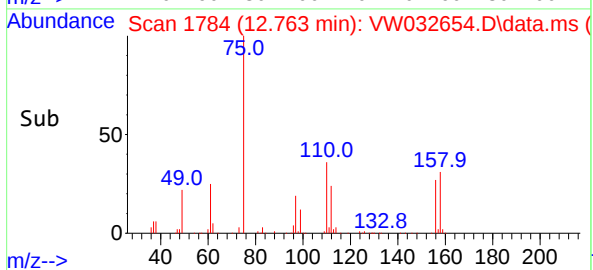
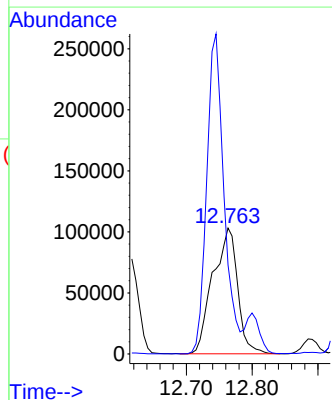
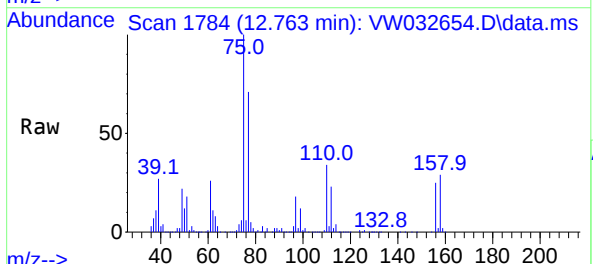
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

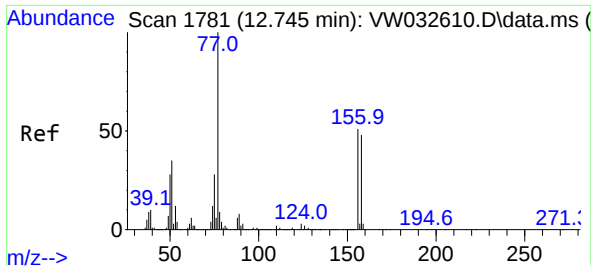
Tgt Ion: 83 Resp: 211399
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 41.255 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 269461
Ion Ratio Lower Upper
75 100
77 177.7 154.0 462.0

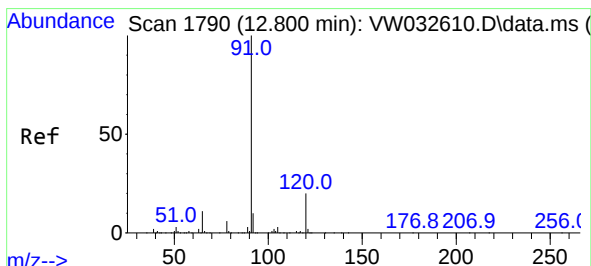
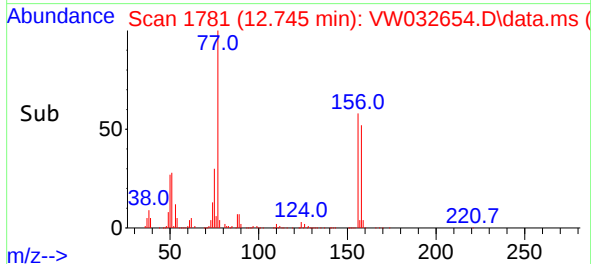
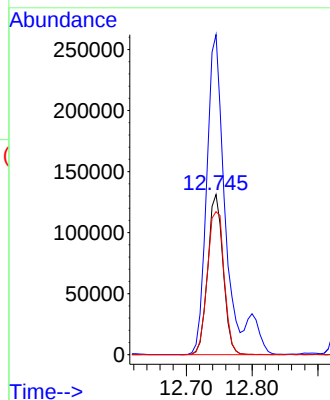
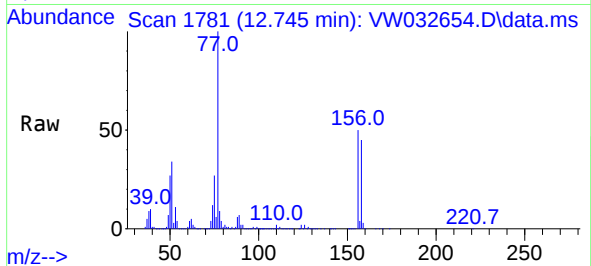




#77
Bromobenzene
Concen: 43.078 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

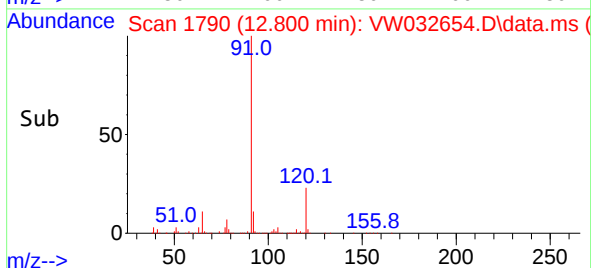
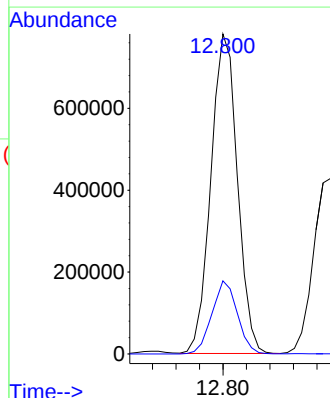
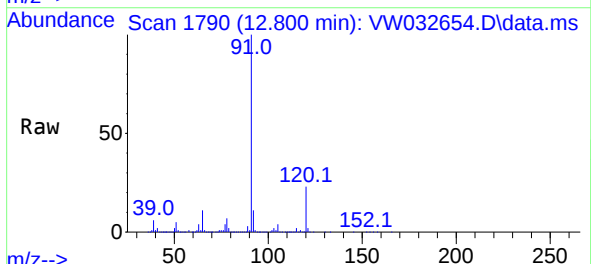
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

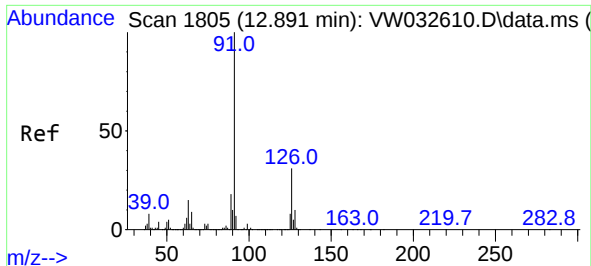
Tgt Ion:156 Resp: 213564
Ion Ratio Lower Upper
156 100
77 224.2 116.7 350.1
158 98.5 49.9 149.7



#78
n-propylbenzene
Concen: 44.845 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 91 Resp: 1222551
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6

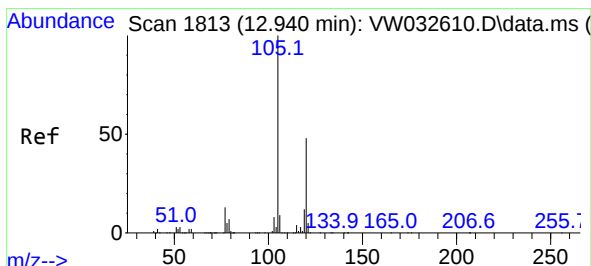
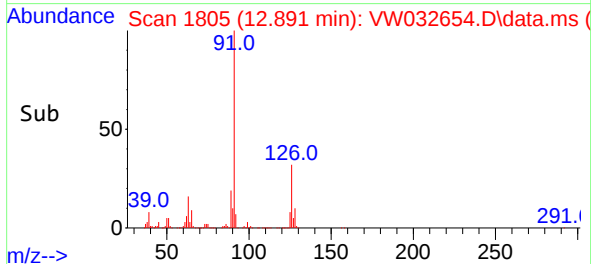
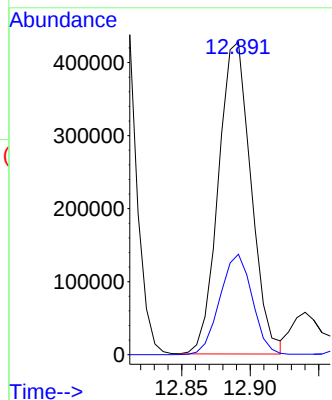
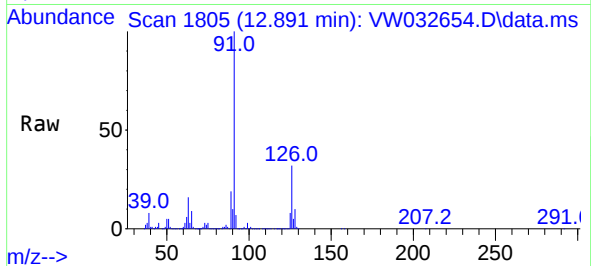




#79
2-Chlorotoluene
Concen: 43.668 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

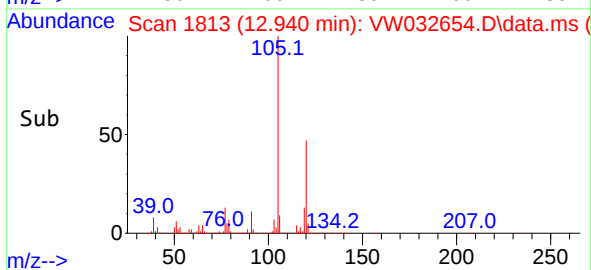
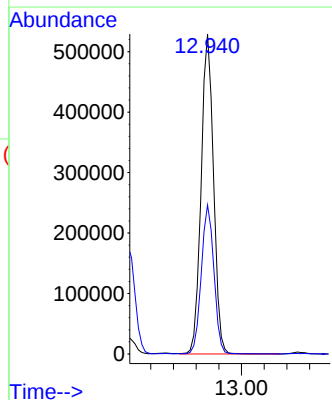
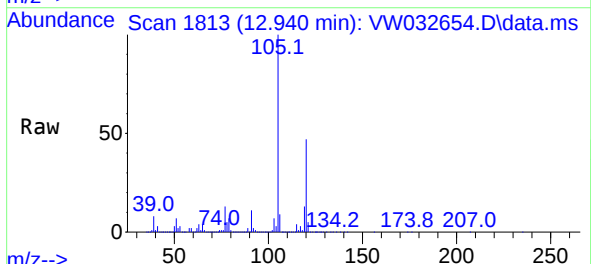
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

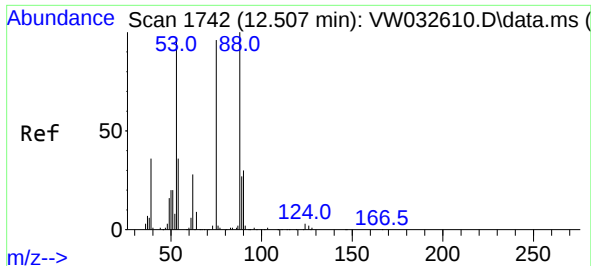
Tgt Ion: 91 Resp: 709124
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 44.713 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 105 Resp: 802037
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

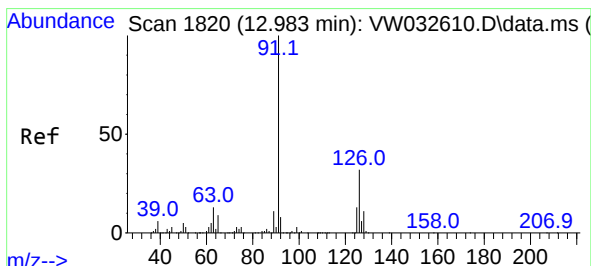
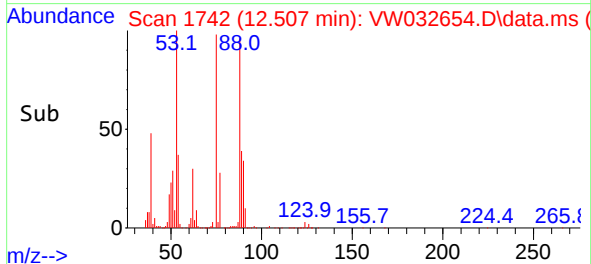
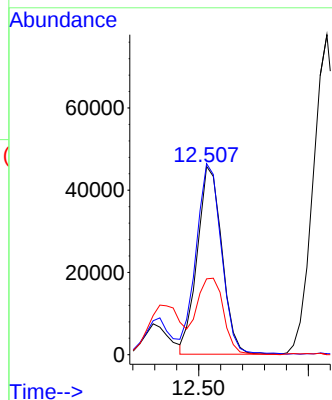
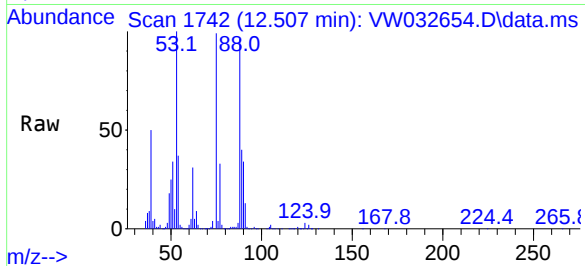




#81
trans-1,4-Dichloro-2-butene
Concen: 42.638 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

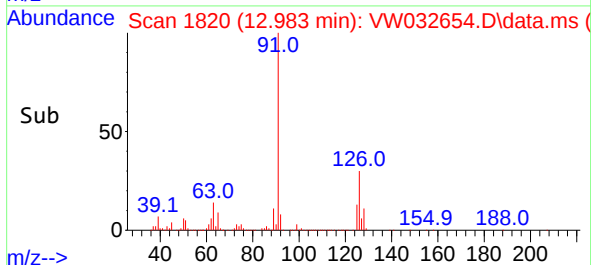
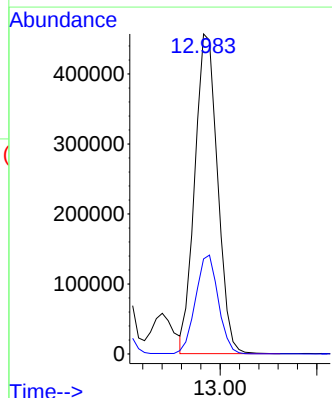
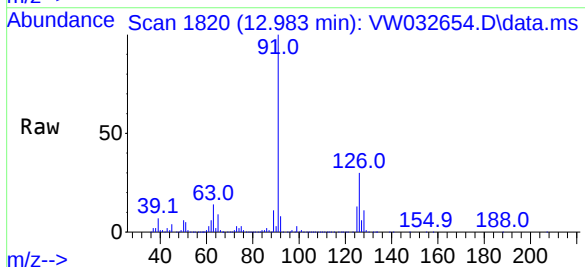
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

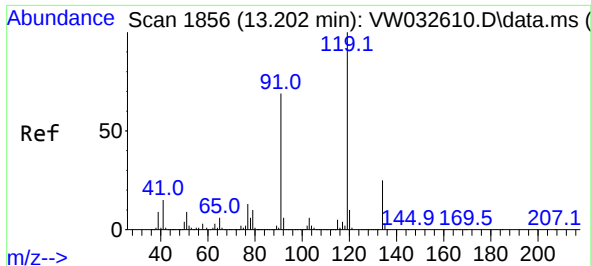
Tgt Ion: 75 Resp: 71116
Ion Ratio Lower Upper
75 100
53 104.3 86.1 129.1
89 44.4 37.4 56.2



#82
4-Chlorotoluene
Concen: 43.329 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion: 91 Resp: 747177
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

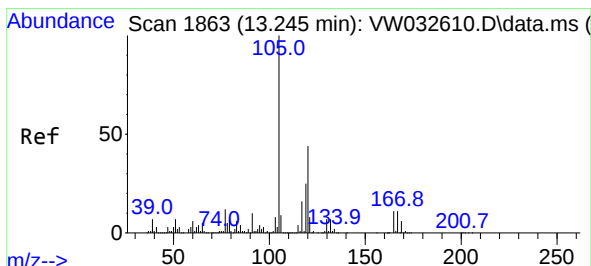
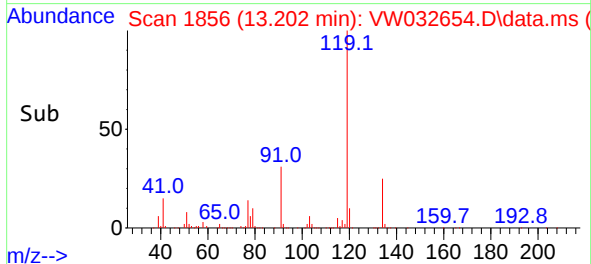
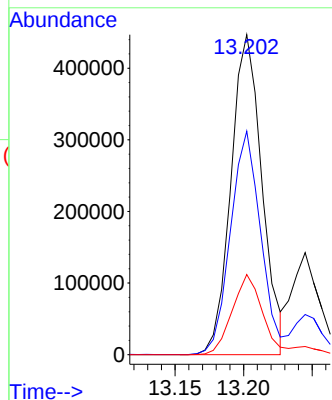
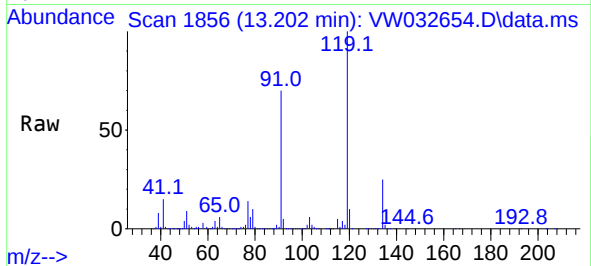




#83
tert-Butylbenzene
Concen: 45.750 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

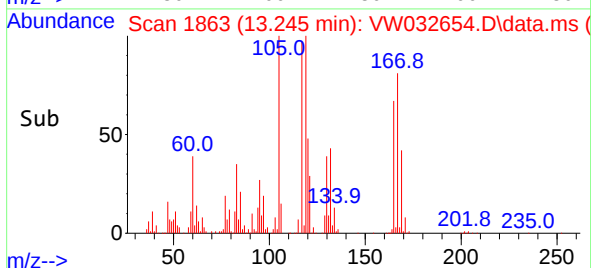
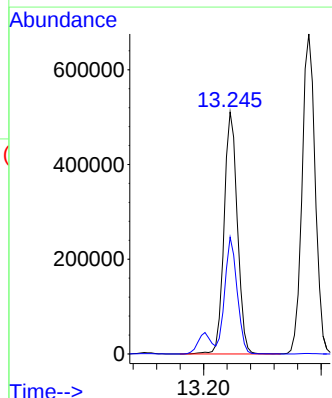
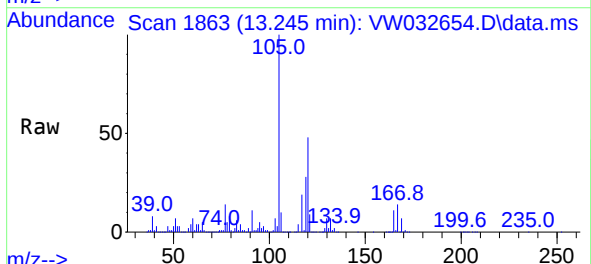
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

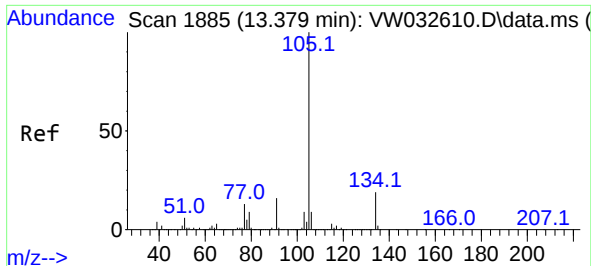
Tgt Ion:119 Resp: 704318
Ion Ratio Lower Upper
119 100
91 67.6 34.3 102.8
134 24.4 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 43.931 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:105 Resp: 800649
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0

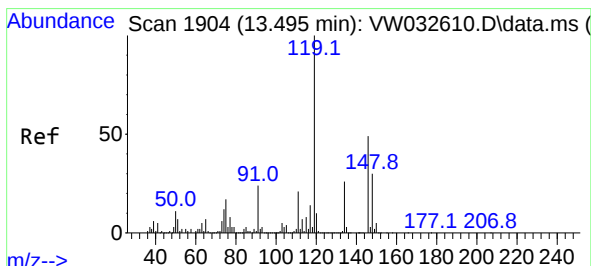
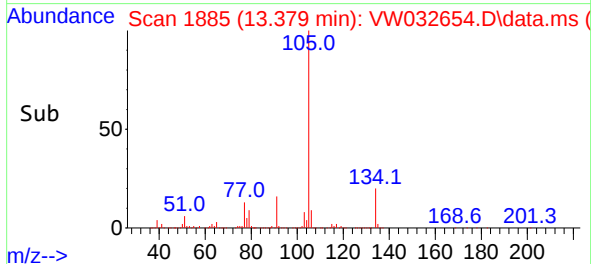
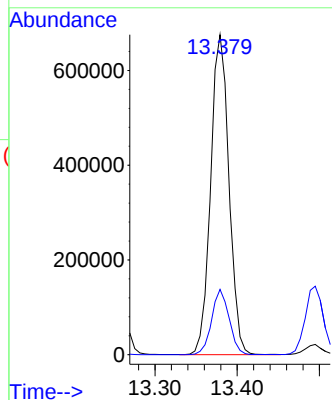
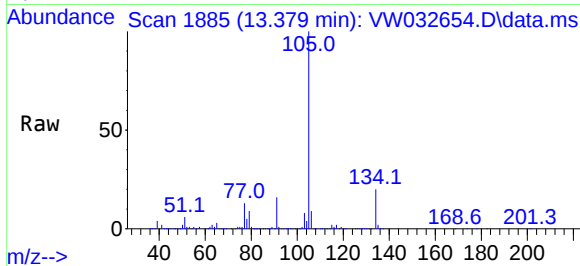




#85
sec-Butylbenzene
Concen: 44.387 ug/l
RT: 13.379 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

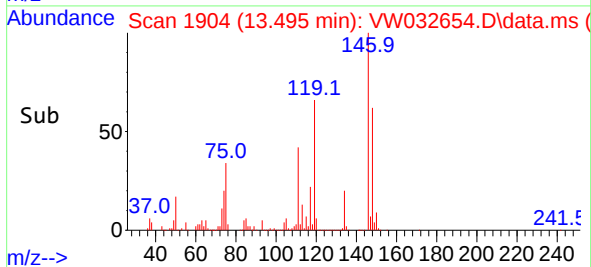
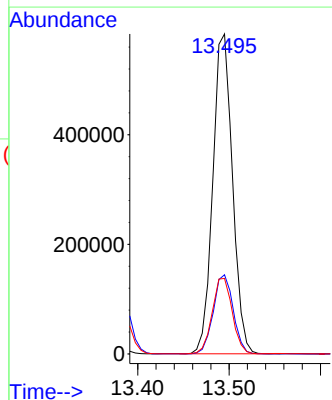
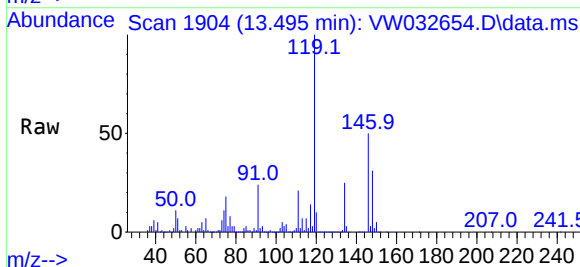
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

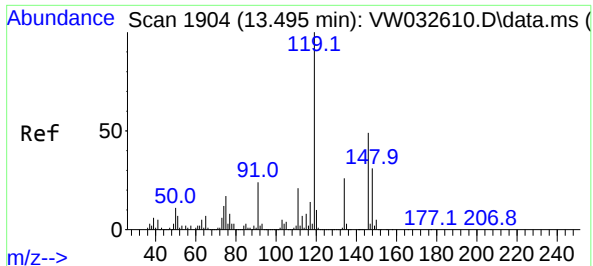
Tgt Ion:105 Resp: 1042544
Ion Ratio Lower Upper
105 100
134 19.5 9.7 28.9



#86
p-Isopropyltoluene
Concen: 45.388 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:119 Resp: 872940
Ion Ratio Lower Upper
119 100
134 25.1 13.0 39.0
91 24.1 12.1 36.3

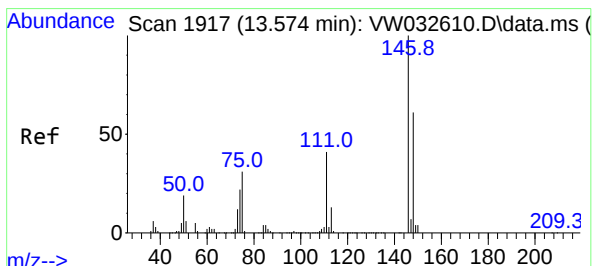
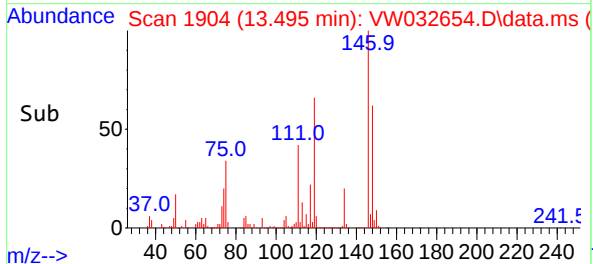
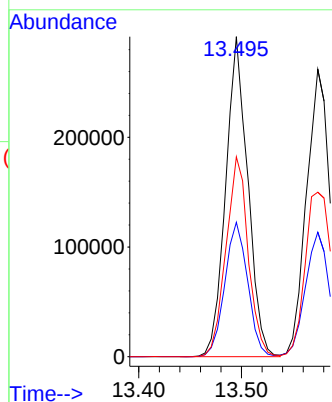
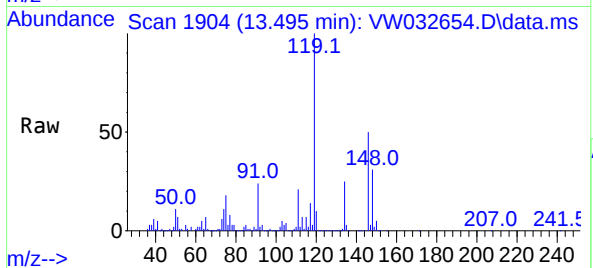




#87
1,3-Dichlorobenzene
Concen: 43.670 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

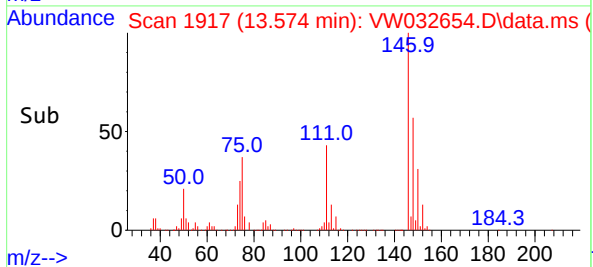
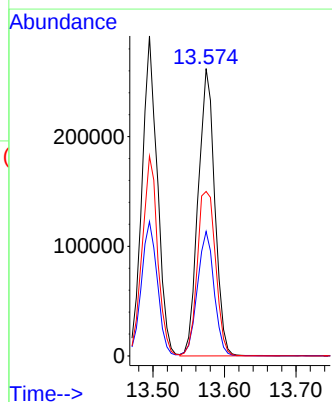
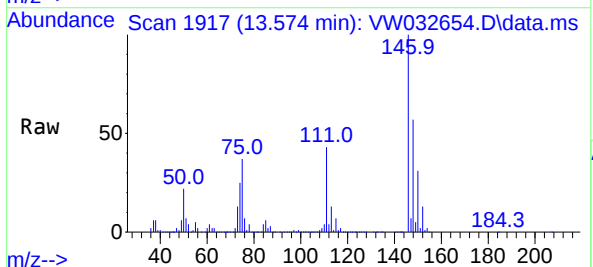
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

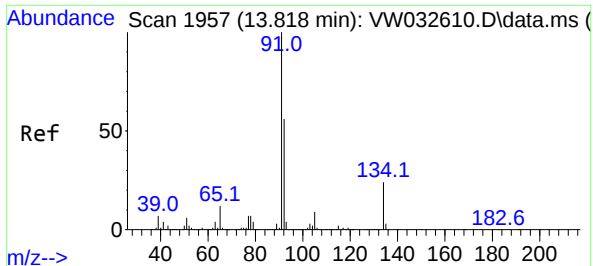
Tgt Ion:146 Resp: 435747
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.0 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 42.127 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:146 Resp: 422282
Ion Ratio Lower Upper
146 100
111 43.6 20.9 62.8
148 63.7 30.4 91.2





#89

n-Butylbenzene

Concen: 43.843 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

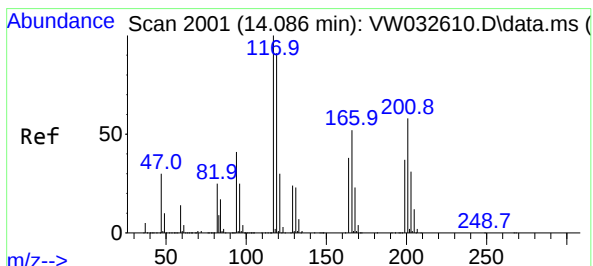
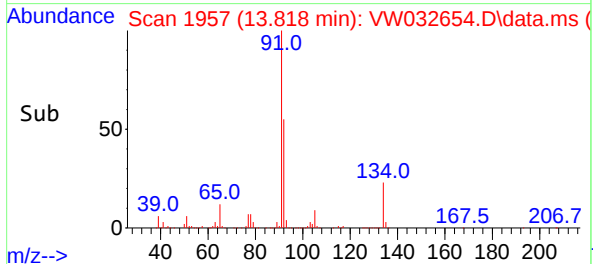
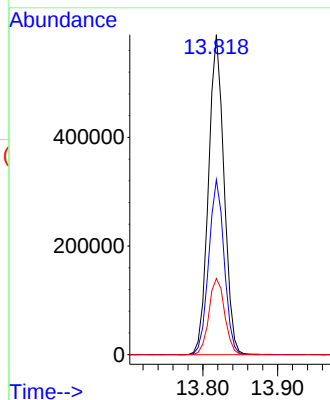
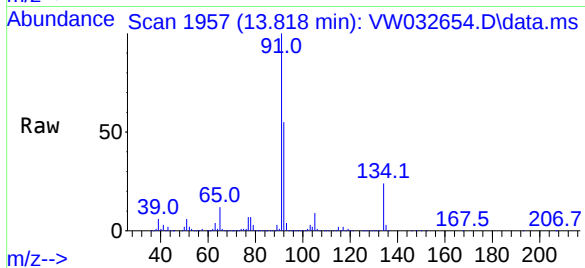
Tgt Ion: 91 Resp: 847978

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.0

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 43.461 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032654.D

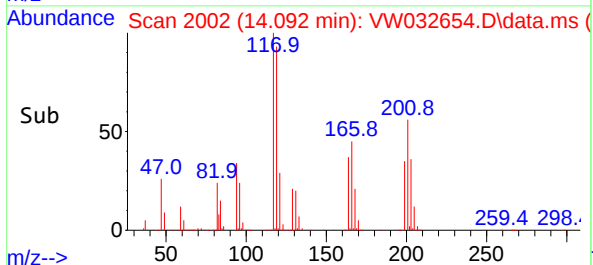
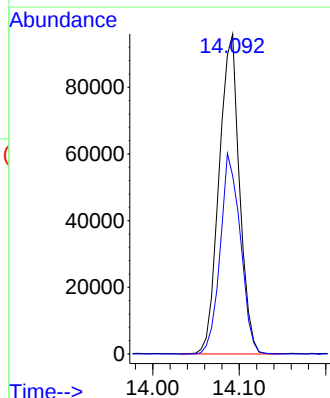
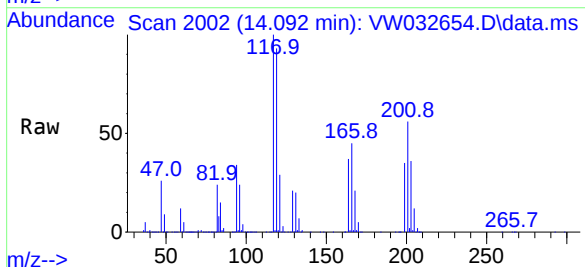
Acq: 16 Dec 2025 14:10

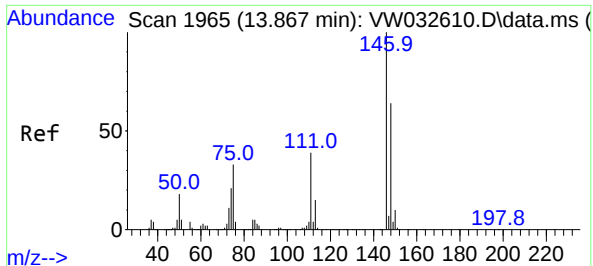
Tgt Ion: 117 Resp: 157101

Ion Ratio Lower Upper

117 100

201 61.9 30.4 91.2

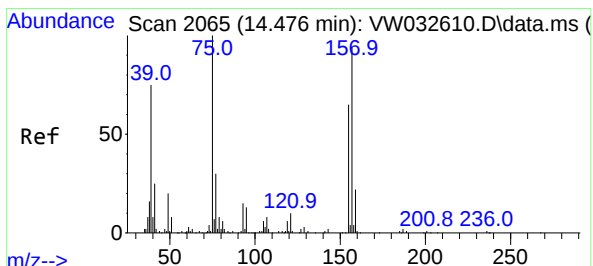
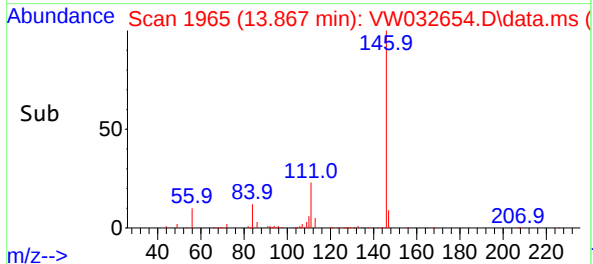
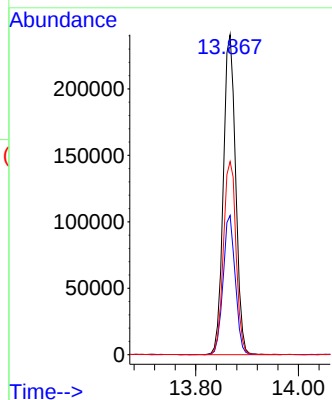
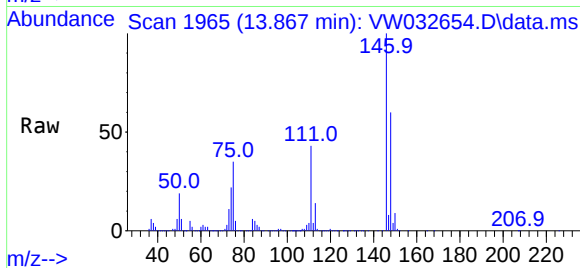




#91
1,2-Dichlorobenzene
Concen: 44.179 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

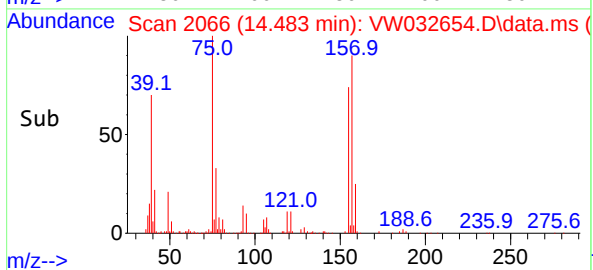
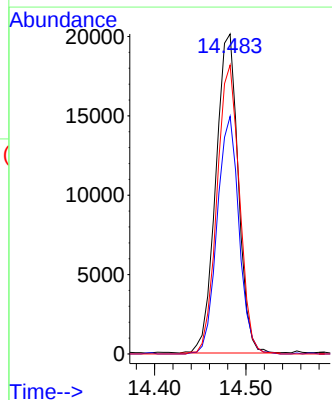
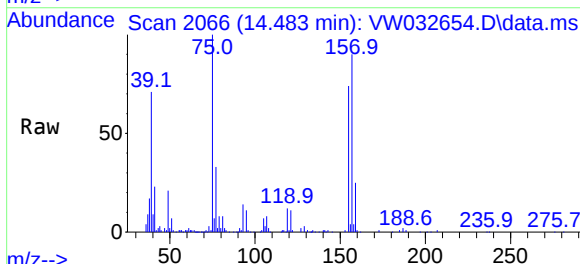
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

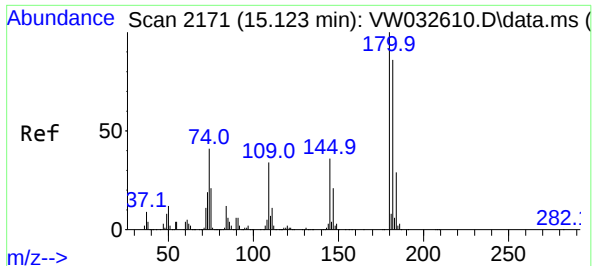
Tgt Ion:146 Resp: 399062
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 62.1 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.104 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

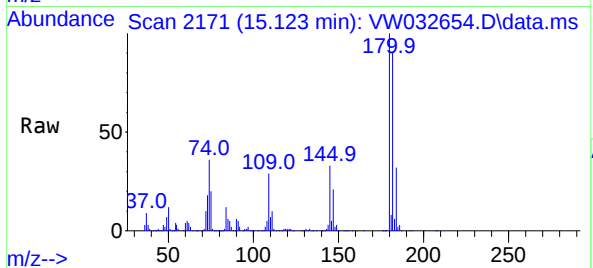
Tgt Ion: 75 Resp: 34411
Ion Ratio Lower Upper
75 100
155 72.3 35.3 105.9
157 90.2 44.8 134.4



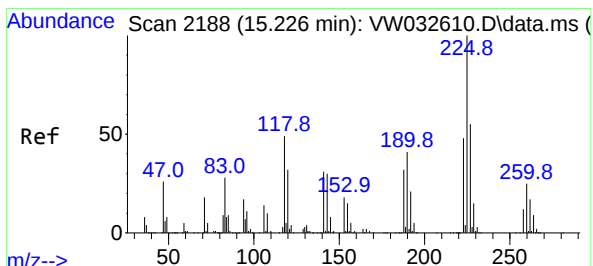
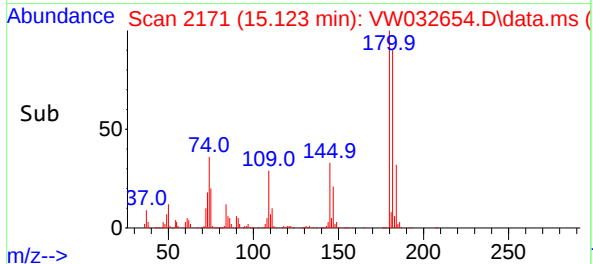
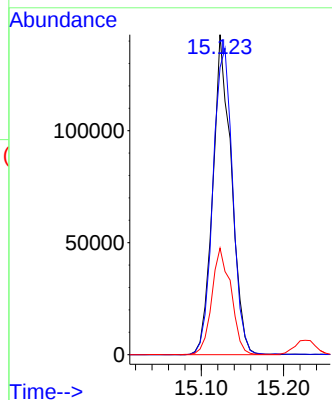


#93
1,2,4-Trichlorobenzene
Concen: 41.986 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

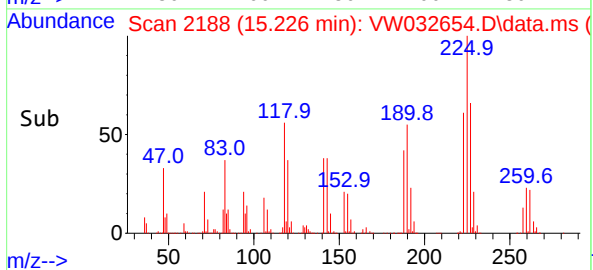
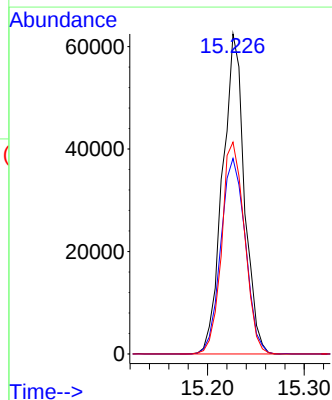
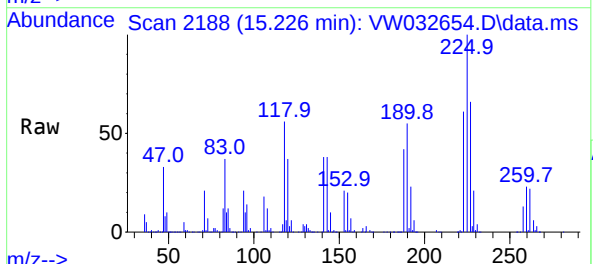


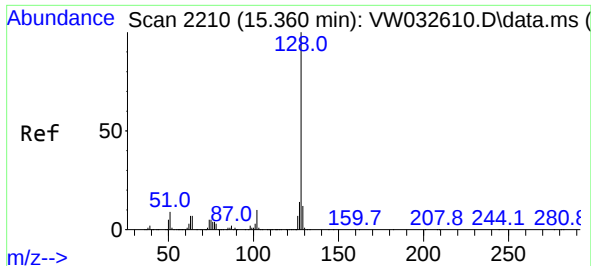
Tgt Ion:180 Resp: 224494
Ion Ratio Lower Upper
180 100
182 101.2 46.9 140.6
145 34.6 17.1 51.3



#94
Hexachlorobutadiene
Concen: 39.253 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:225 Resp: 98081
Ion Ratio Lower Upper
225 100
223 68.4 30.3 90.8
227 68.9 29.1 87.4

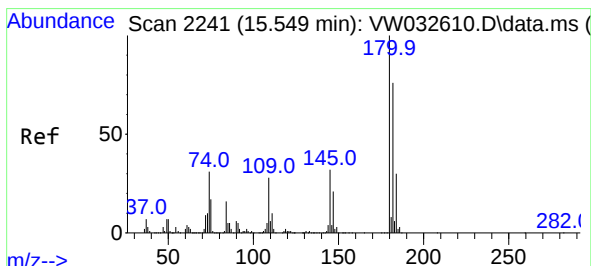
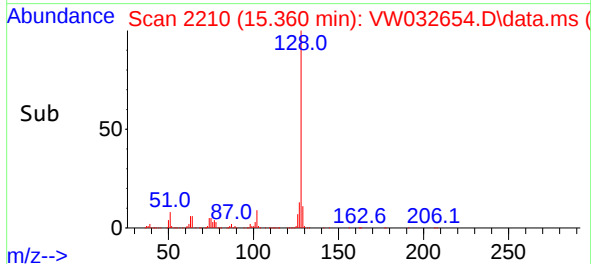
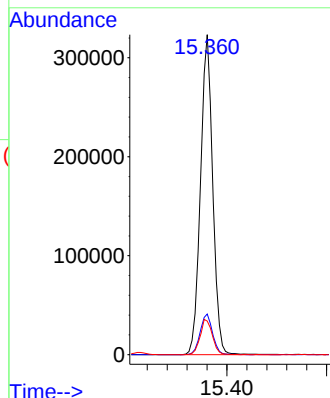
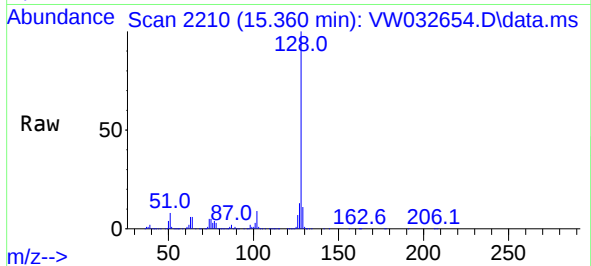




#95
Naphthalene
Concen: 43.713 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	128	Resp:	549462
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 45.887 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032654.D
Acq: 16 Dec 2025 14:10

Tgt Ion:	180	Resp:	220433
Ion	Ratio	Lower	Upper
180	100		
182	94.6	45.9	137.6
145	34.1	17.0	51.0

