

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032603.D
 Acq On : 08 Dec 2025 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 09 02:22:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	387699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	695072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	632300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	290057	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	275418	47.735	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.480%
35) Dibromofluoromethane	7.904	113	218431	47.754	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.500%
50) Toluene-d8	10.325	98	841572	48.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.617	95	313900	49.363	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	96061	40.029	ug/l	91
3) Chloromethane	2.253	50	154498	35.021	ug/l	98
4) Vinyl Chloride	2.405	62	215733	40.307	ug/l	98
5) Bromomethane	2.826	94	140746	39.597	ug/l	99
6) Chloroethane	2.972	64	137740	39.843	ug/l	98
7) Trichlorofluoromethane	3.308	101	187872	45.286	ug/l	95
8) Diethyl Ether	3.722	74	136814	44.611	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.106	101	189349	43.172	ug/l	99
10) Methyl Iodide	4.307	142	282184	42.659	ug/l	99
11) Tert butyl alcohol	5.216	59	96760	218.034	ug/l #	88
12) 1,1-Dichloroethene	4.076	96	205897	41.636	ug/l	96
13) Acrolein	3.929	56	168290	213.956	ug/l	99
14) Allyl chloride	4.710	41	389201	42.995	ug/l	98
15) Acrylonitrile	5.399	53	383603	238.182	ug/l	99
16) Acetone	4.161	43	370860	205.699	ug/l	100
17) Carbon Disulfide	4.423	76	571696	39.023	ug/l	96
18) Methyl Acetate	4.710	43	183430	49.398	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	450252	48.848	ug/l	96
20) Methylene Chloride	4.954	84	258528	40.097	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	221459	40.986	ug/l	91
22) Diisopropyl ether	6.337	45	818505	45.306	ug/l	93
23) Vinyl Acetate	6.283	43	2807909	234.561	ug/l	99
24) 1,1-Dichloroethane	6.246	63	446543	42.573	ug/l	99
25) 2-Butanone	7.191	43	527268	227.880	ug/l	98
26) 2,2-Dichloropropane	7.191	77	240305	39.521	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	276369	43.935	ug/l	97
28) Bromochloromethane	7.532	49	190775	40.490	ug/l	98
29) Tetrahydrofuran	7.551	42	343926	248.944	ug/l	99
30) Chloroform	7.697	83	444732	42.723	ug/l	97
31) Cyclohexane	7.971	56	395341	42.745	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	325524	43.087	ug/l	99
36) 1,1-Dichloropropene	8.099	75	317695	45.536	ug/l	99
37) Ethyl Acetate	7.276	43	233024	48.263	ug/l	99
38) Carbon Tetrachloride	8.081	117	284341	43.868	ug/l	99
39) Methylcyclohexane	9.343	83	406227	47.684	ug/l	97
40) Benzene	8.337	78	968924	43.580	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032603.D
 Acq On : 08 Dec 2025 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 09 02:22:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	141109	54.014	ug/l	97
42) 1,2-Dichloroethane	8.410	62	310592	45.563	ug/l	99
43) Isopropyl Acetate	8.435	43	416106	50.139	ug/l	99
44) Trichloroethene	9.099	130	228245	45.932	ug/l	90
45) 1,2-Dichloropropane	9.373	63	248168	44.939	ug/l	96
46) Dibromomethane	9.465	93	148255	46.425	ug/l	98
47) Bromodichloromethane	9.648	83	331527	44.293	ug/l	97
48) Methyl methacrylate	9.441	41	193307	51.241	ug/l	91
49) 1,4-Dioxane	9.465	88	39770	1042.236	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	1164313	253.547	ug/l	99
52) Toluene	10.392	92	592800	44.250	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	336324	46.838	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	387271	45.958	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	196939	46.044	ug/l	92
56) Ethyl methacrylate	10.648	69	305804	51.700	ug/l	99
57) 1,3-Dichloropropane	10.934	76	354816	46.482	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	830999	268.124	ug/l	100
59) 2-Hexanone	10.971	43	822370	251.461	ug/l	98
60) Dibromochloromethane	11.129	129	217162	45.300	ug/l	98
61) 1,2-Dibromoethane	11.239	107	193149	47.484	ug/l	97
64) Tetrachloroethene	10.861	164	181824	43.114	ug/l	97
65) Chlorobenzene	11.660	112	665248	44.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	206987	44.793	ug/l	98
67) Ethyl Benzene	11.727	91	1136498	44.816	ug/l	95
68) m/p-Xylenes	11.836	106	880062	91.279	ug/l	100
69) o-Xylene	12.166	106	413727	46.856	ug/l	93
70) Styrene	12.178	104	732369	47.286	ug/l	100
71) Bromoform	12.349	173	121082	47.649	ug/l	100
73) Isopropylbenzene	12.458	105	1048732	48.740	ug/l	99
74) N-amyl acetate	12.269	43	374159	52.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	249562	49.271	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	318718	81.203	ug/l	36
77) Bromobenzene	12.745	156	238960	46.981	ug/l	98
78) n-propylbenzene	12.800	91	1316697	47.966	ug/l	100
79) 2-Chlorotoluene	12.891	91	787112	48.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	868193	47.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	83735	50.178	ug/l	97
82) 4-Chlorotoluene	12.989	91	824052	47.078	ug/l	100
83) tert-Butylbenzene	13.202	119	752075	49.669	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	873195	47.612	ug/l	99
85) sec-Butylbenzene	13.379	105	1104825	47.307	ug/l	99
86) p-Isopropyltoluene	13.495	119	919739	47.814	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	470319	45.225	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	455104	44.090	ug/l	97
89) n-Butylbenzene	13.818	91	900959	46.122	ug/l	99
90) Hexachloroethane	14.086	117	163259	44.315	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	424592	46.546	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	42060	48.161	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	271130	48.802	ug/l	94
94) Hexachlorobutadiene	15.226	225	107247	41.937	ug/l	96
95) Naphthalene	15.360	128	668398	53.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	244030	48.349	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032603.D
Acq On : 08 Dec 2025 17:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

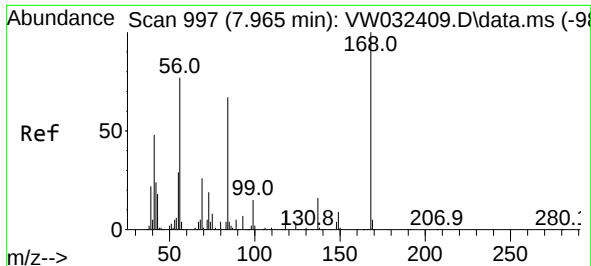
Quant Time: Dec 09 02:22:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 09 02:22:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

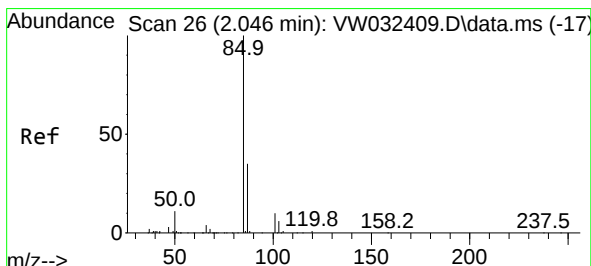
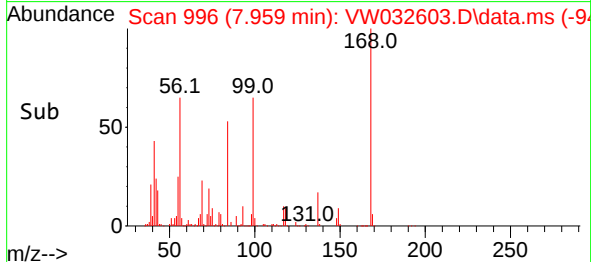
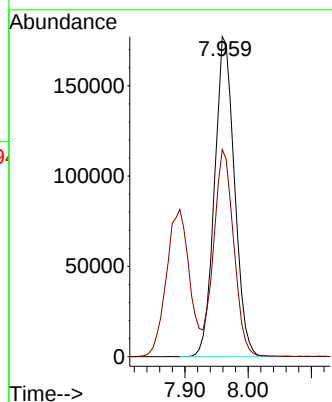
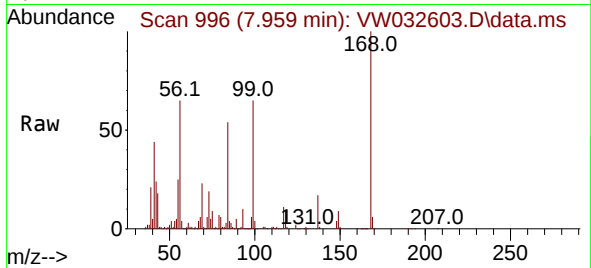




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

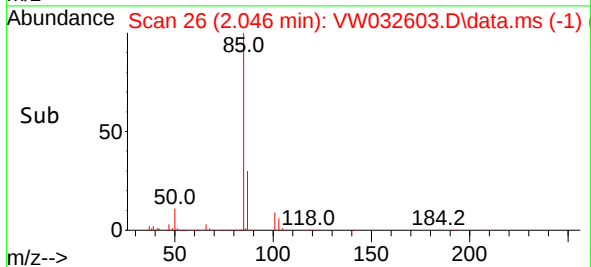
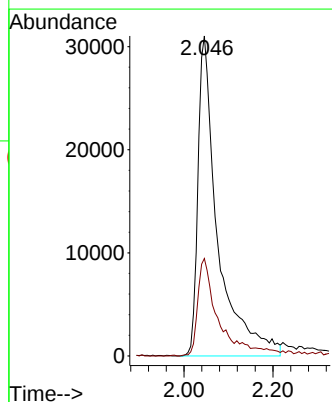
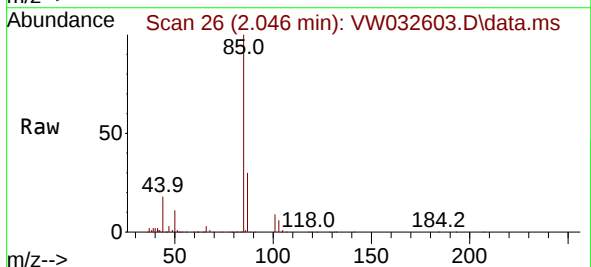
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 387699
Ion Ratio Lower Upper
168 100
99 64.6 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 40.029 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 85 Resp: 96061
Ion Ratio Lower Upper
85 100
87 30.4 17.9 53.8

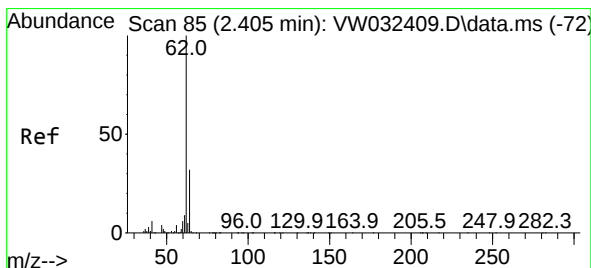
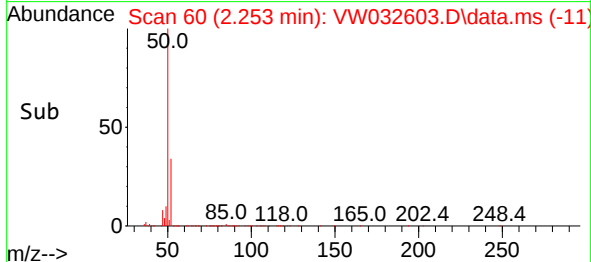
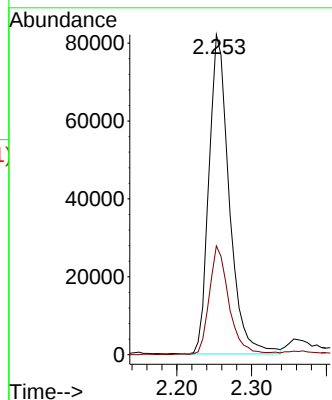
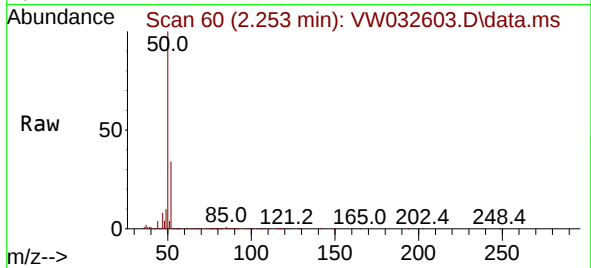




#3
Chloromethane
Concen: 35.021 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

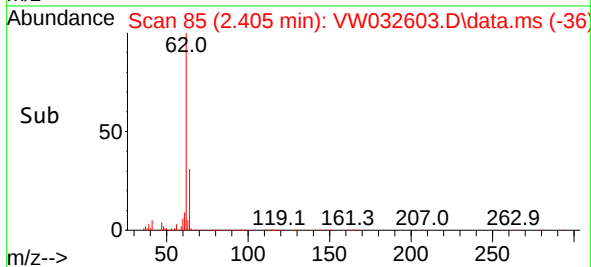
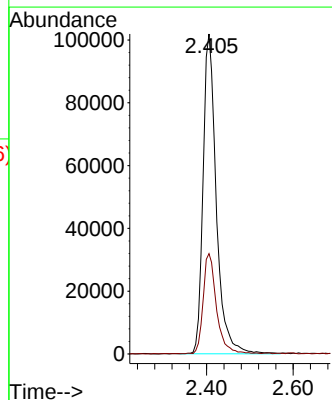
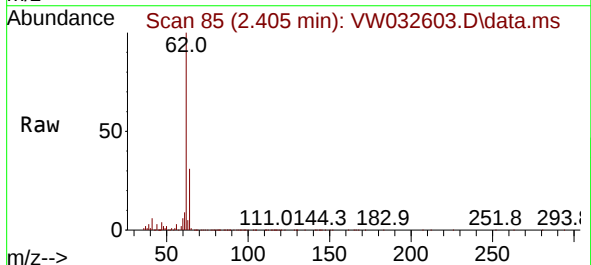
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 154498
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4



#4
Vinyl Chloride
Concen: 40.307 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 62 Resp: 215733
Ion Ratio Lower Upper
62 100
64 31.3 24.2 36.4

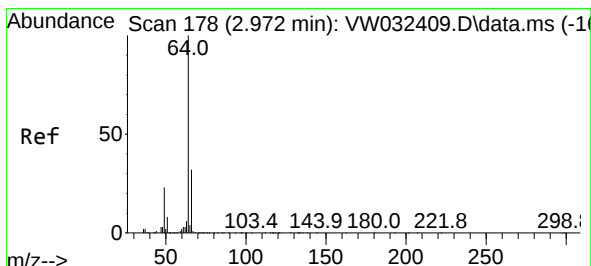
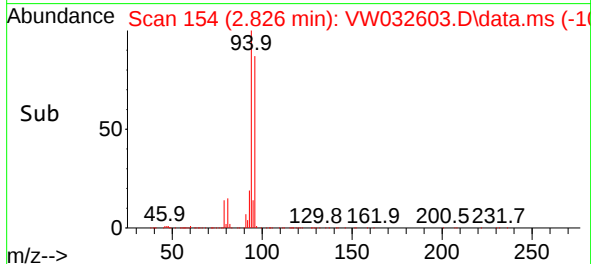
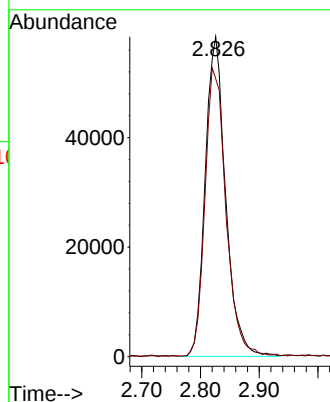
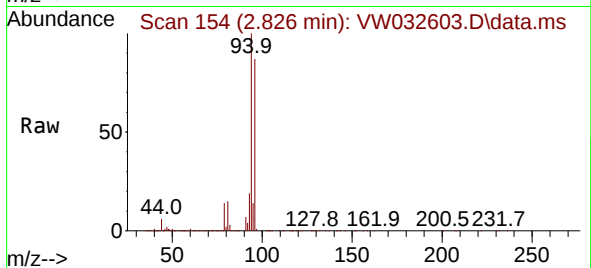




#5
Bromomethane
Concen: 39.597 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

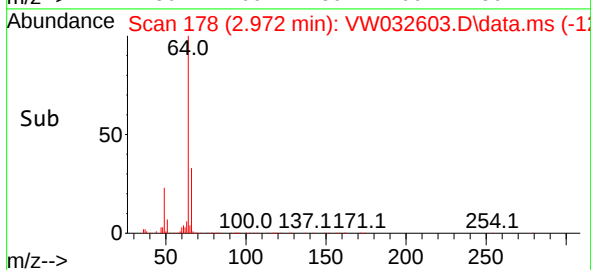
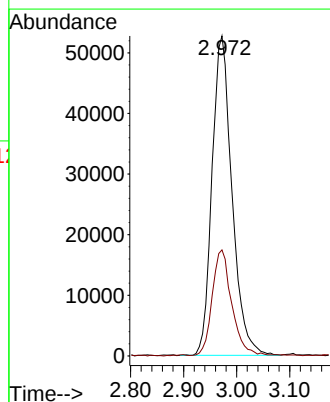
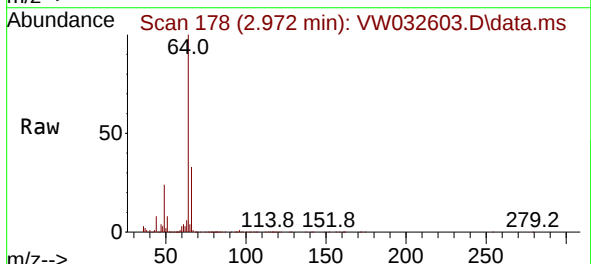
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

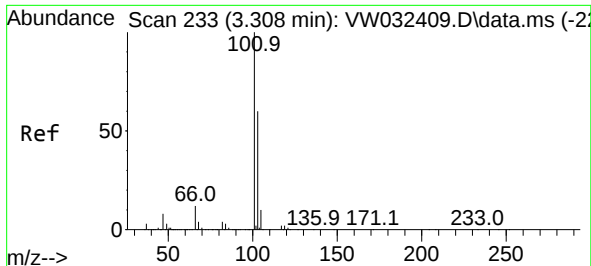
Tgt Ion: 94 Resp: 140746
Ion Ratio Lower Upper
94 100
96 86.7 69.9 104.9



#6
Chloroethane
Concen: 39.843 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 64 Resp: 137740
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2

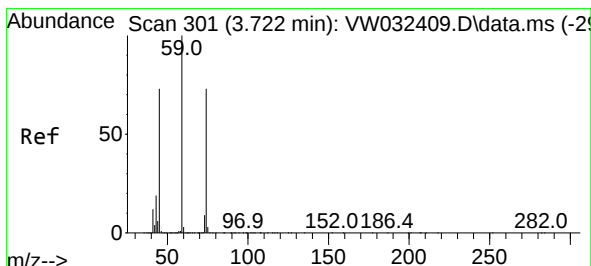
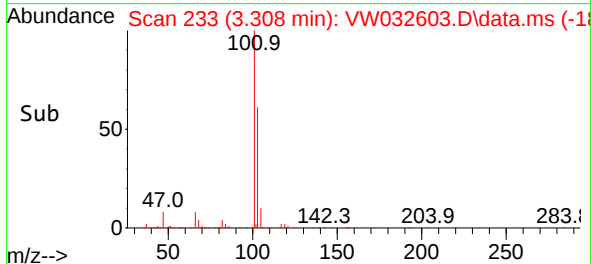
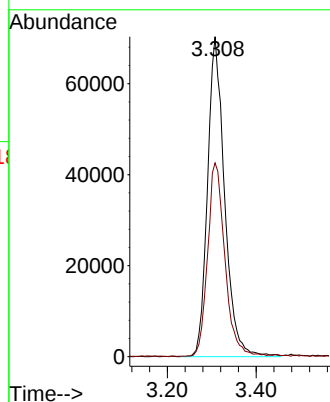
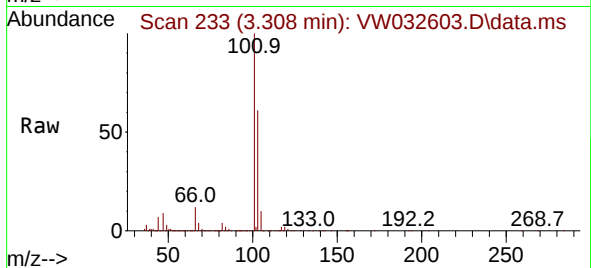




#7
 Trichlorofluoromethane
 Concen: 45.286 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

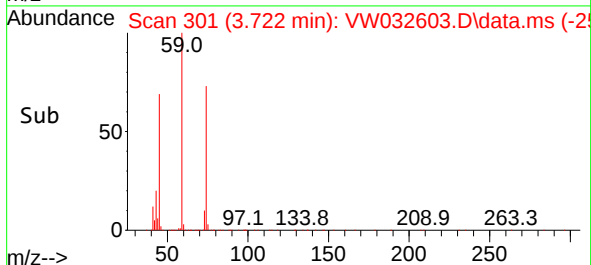
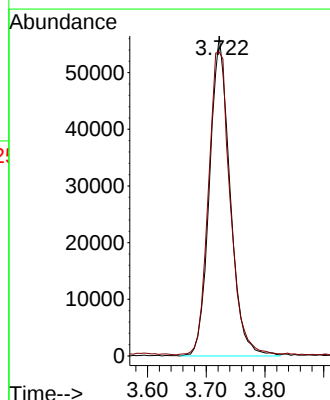
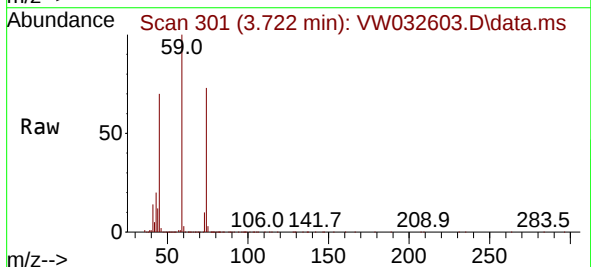
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

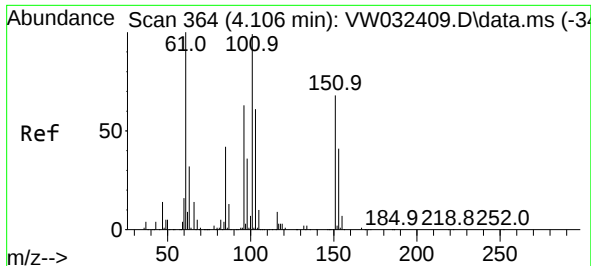
Tgt Ion:101 Resp: 187872
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 44.611 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Tgt Ion: 74 Resp: 136814
 Ion Ratio Lower Upper
 74 100
 45 101.0 53.4 160.3

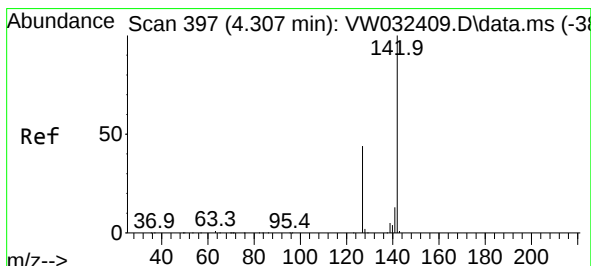
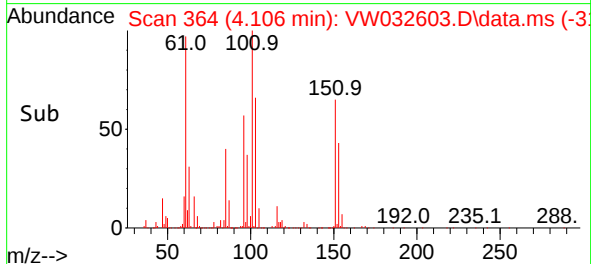
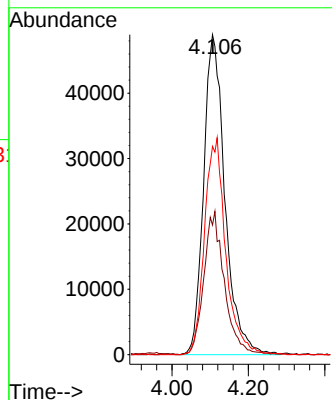
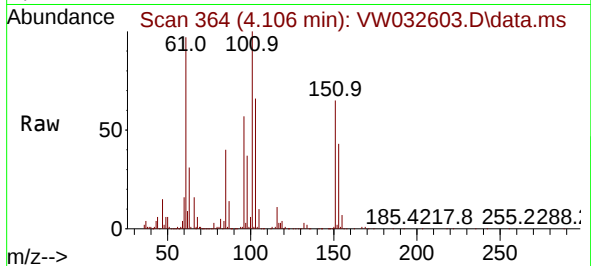




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.172 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

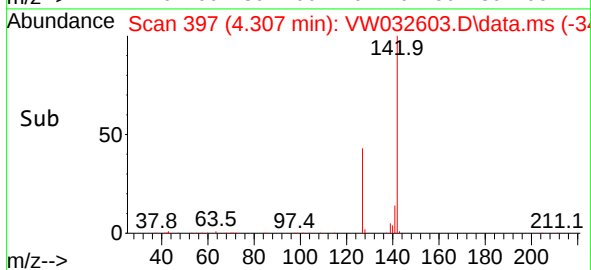
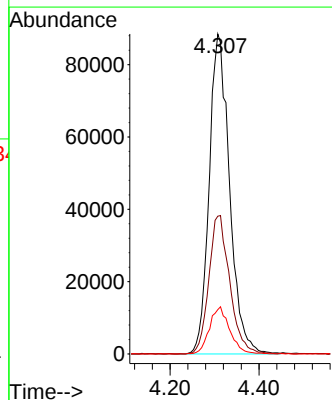
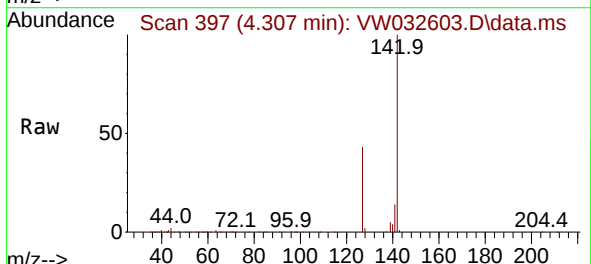
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

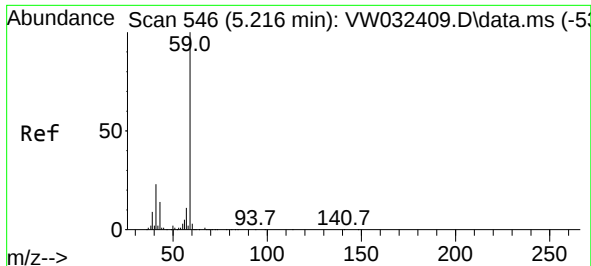
Tgt Ion:101 Resp: 189349
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.4
151 67.3 54.6 82.0



#10
Methyl Iodide
Concen: 42.659 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:142 Resp: 282184
Ion Ratio Lower Upper
142 100
127 44.4 36.2 54.2
141 14.6 11.9 17.9

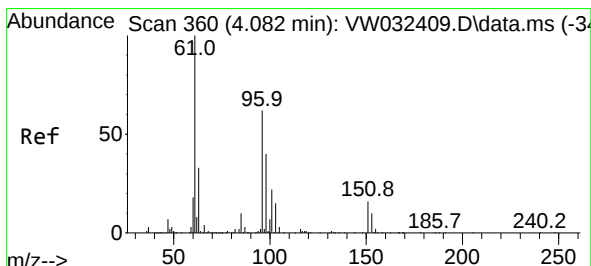
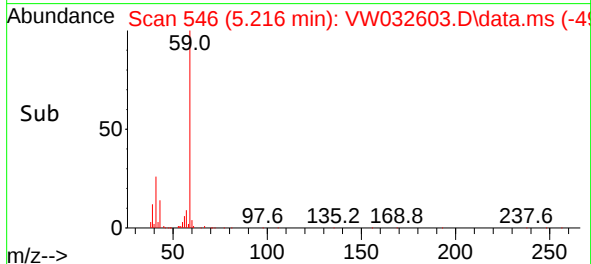
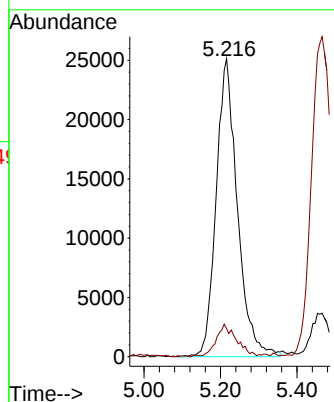
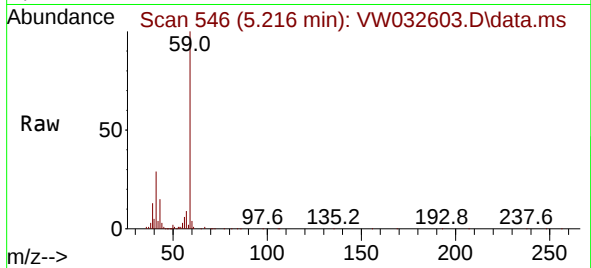




#11
Tert butyl alcohol
Concen: 218.034 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

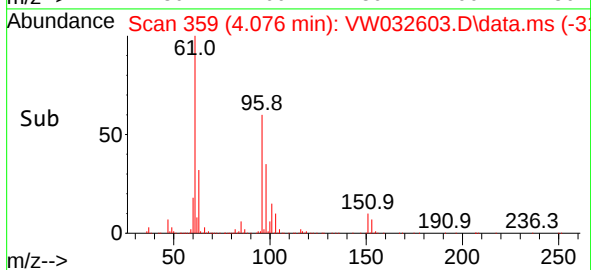
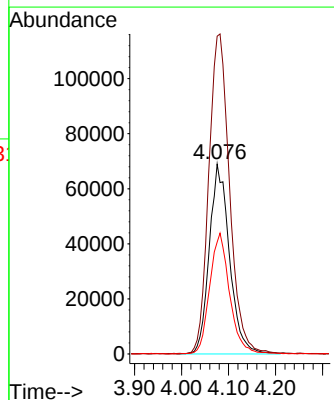
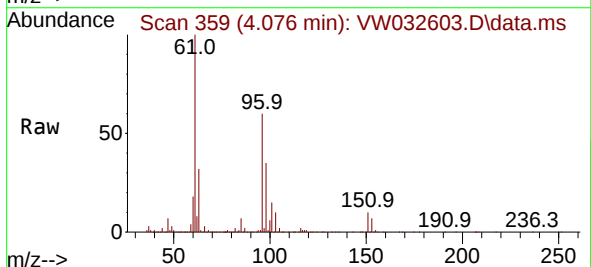
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

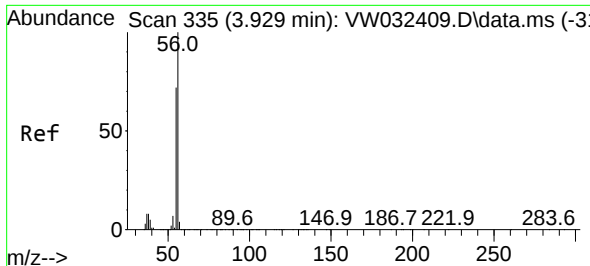
Tgt Ion: 59 Resp: 96760
Ion Ratio Lower Upper
59 100
57 9.6 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 41.636 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 96 Resp: 205897
Ion Ratio Lower Upper
96 100
61 167.0 136.6 205.0
98 58.8 51.4 77.2

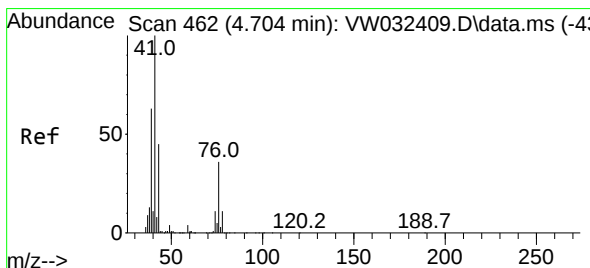
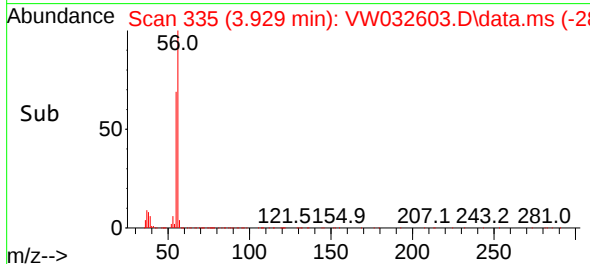
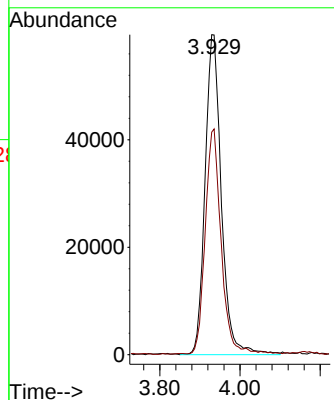
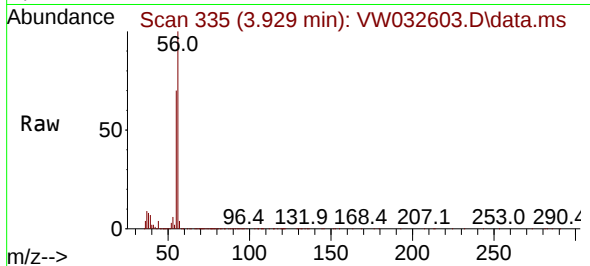




#13
Acrolein
Concen: 213.956 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

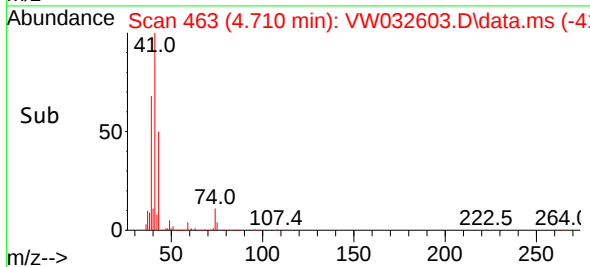
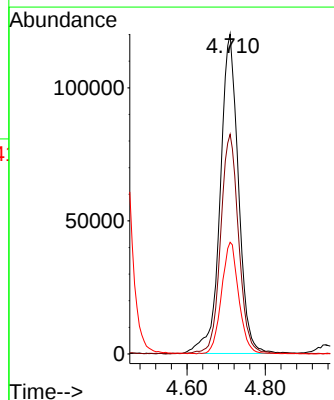
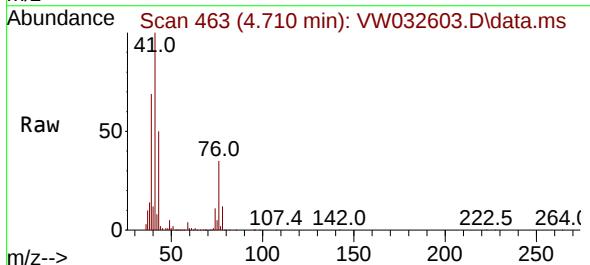
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

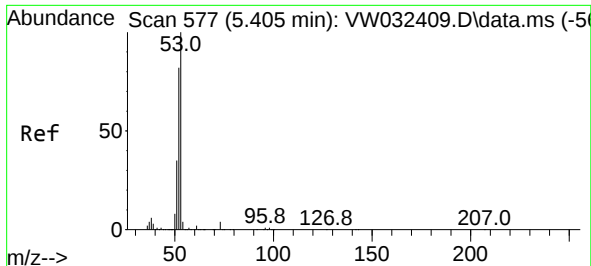
Tgt Ion: 56 Resp: 168290
Ion Ratio Lower Upper
56 100
55 68.0 55.2 82.8



#14
Allyl chloride
Concen: 42.995 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 41 Resp: 389201
Ion Ratio Lower Upper
41 100
39 68.3 52.9 79.3
76 32.8 25.8 38.6

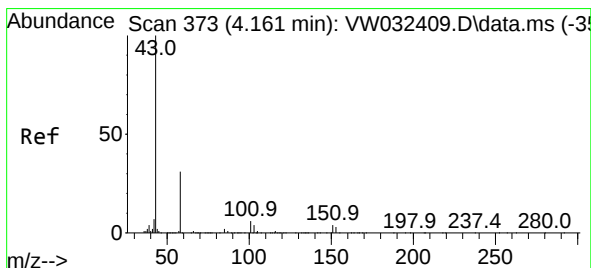
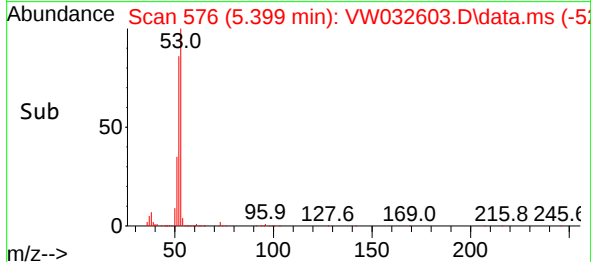
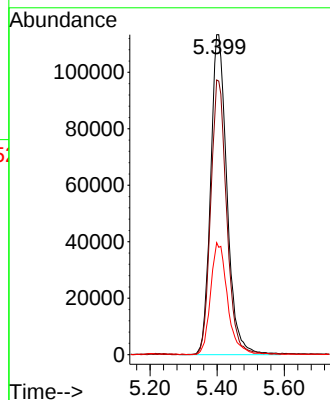
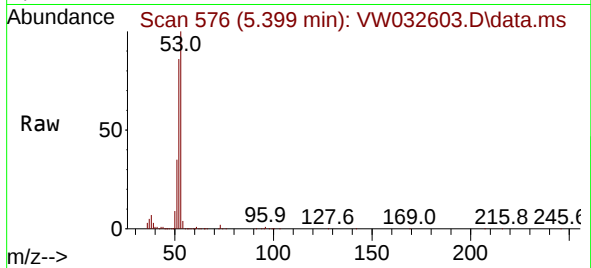




#15
Acrylonitrile
Concen: 238.182 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

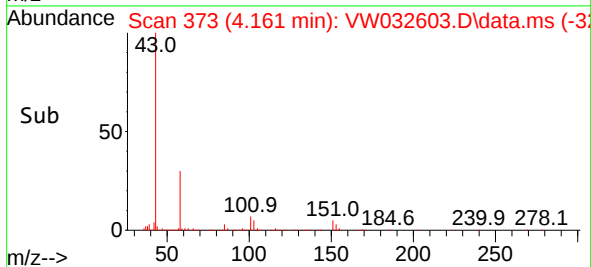
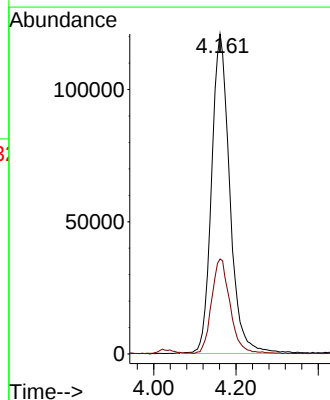
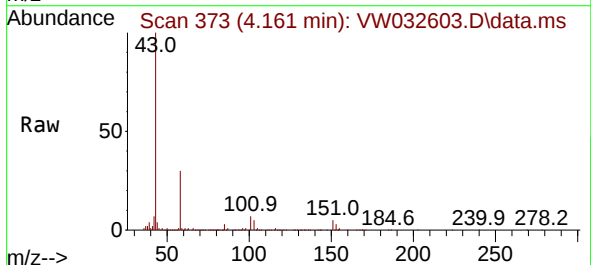
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

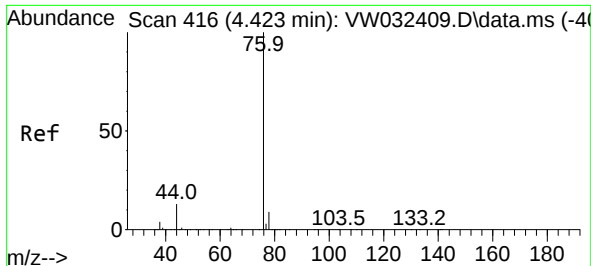
Tgt Ion: 53 Resp: 383603
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 36.3 29.3 43.9



#16
Acetone
Concen: 205.699 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 370860
Ion Ratio Lower Upper
43 100
58 29.5 23.5 35.3

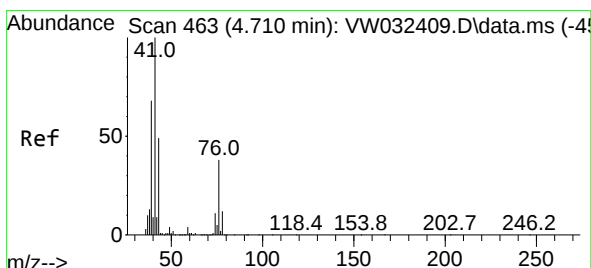
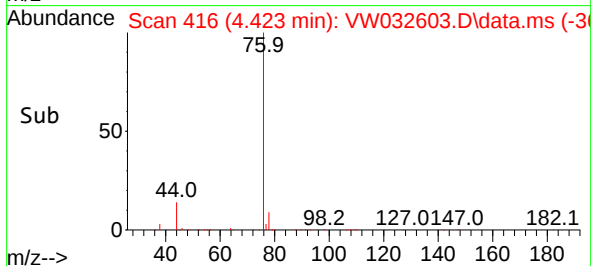
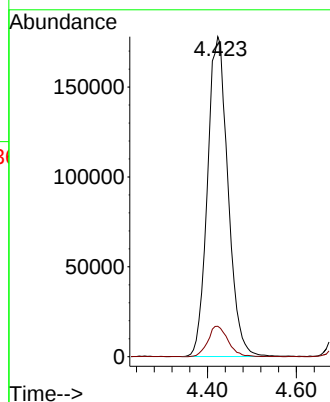
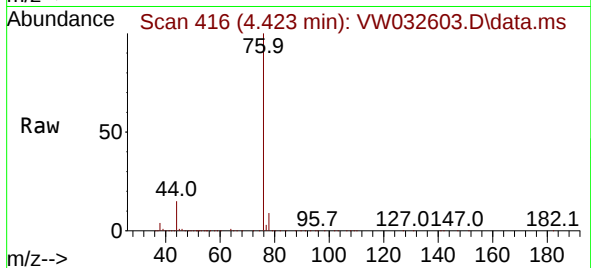




#17
Carbon Disulfide
Concen: 39.023 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

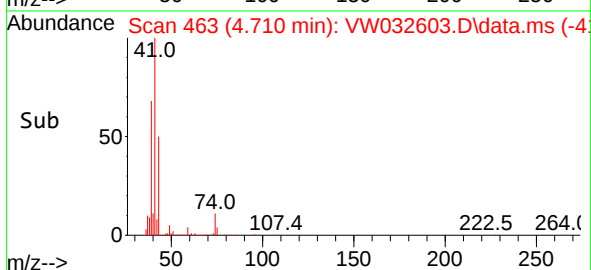
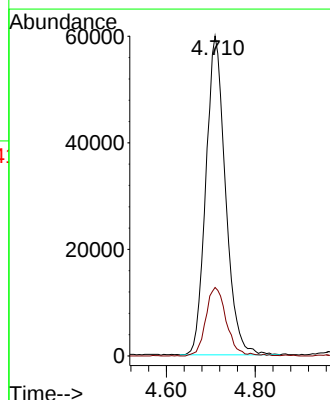
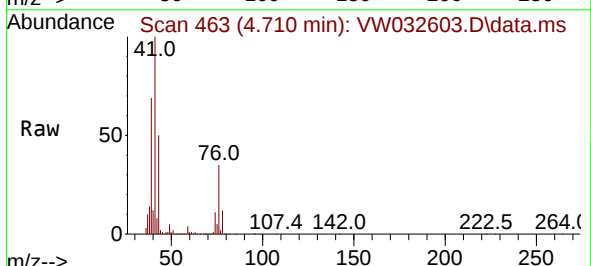
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

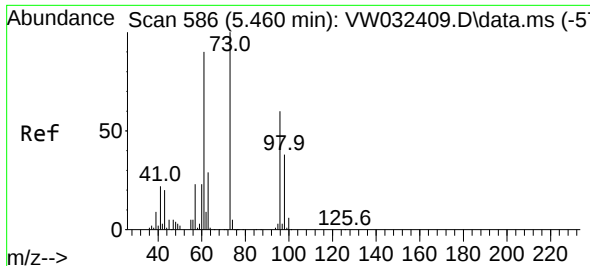
Tgt Ion: 76 Resp: 571696
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8



#18
Methyl Acetate
Concen: 49.398 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 183430
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9

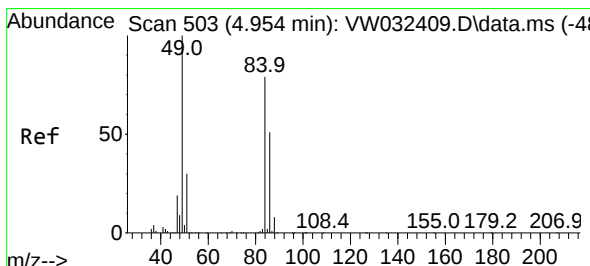
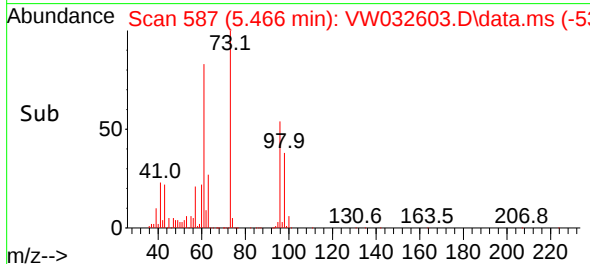
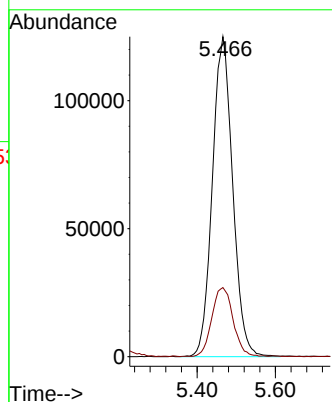
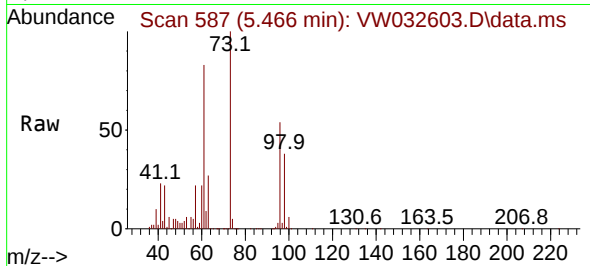




#19
Methyl tert-butyl Ether
Concen: 48.848 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

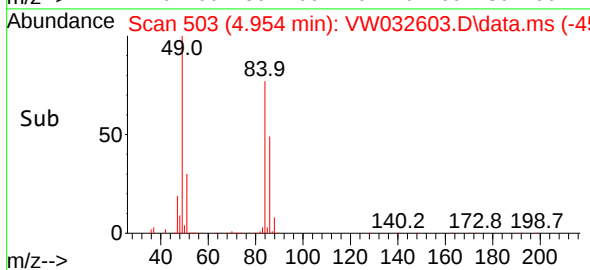
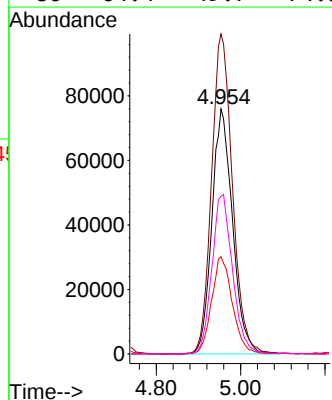
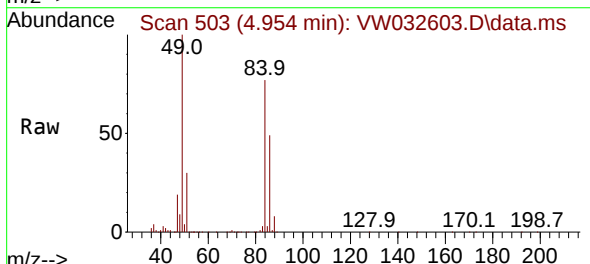
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

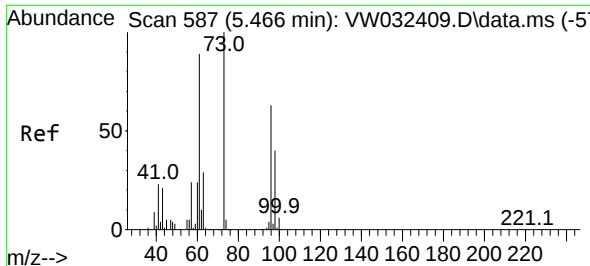
Tgt Ion: 73 Resp: 450252
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.4



#20
Methylene Chloride
Concen: 40.097 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 84 Resp: 258528
Ion Ratio Lower Upper
84 100
49 130.6 107.6 161.4
51 39.7 33.9 50.9
86 64.4 49.7 74.5

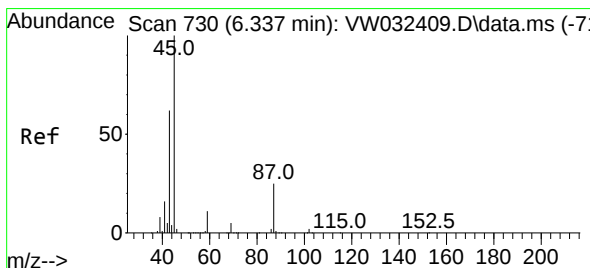
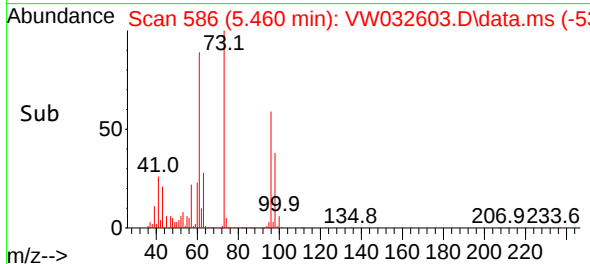
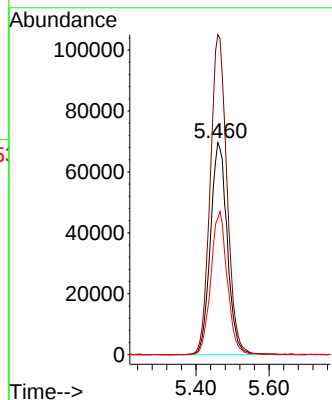
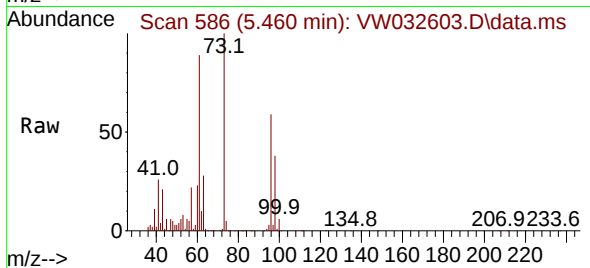




#21
trans-1,2-Dichloroethene
Concen: 40.986 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

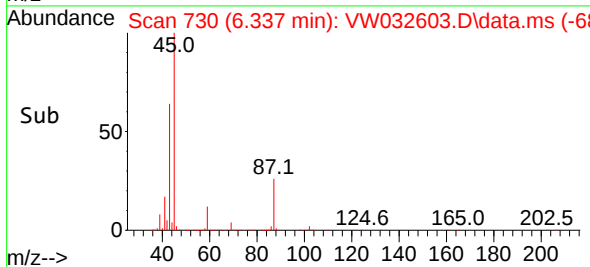
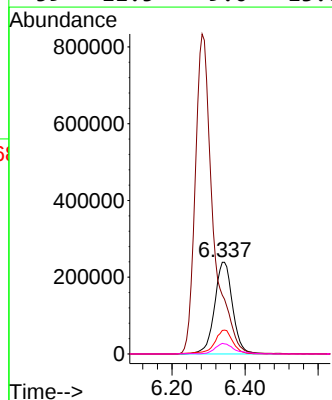
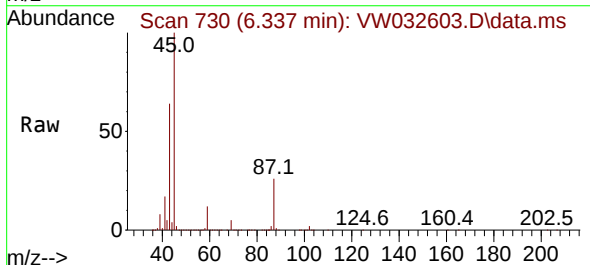
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

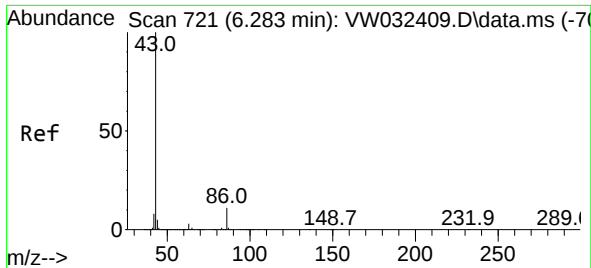
Tgt Ion: 96 Resp: 221459
Ion Ratio Lower Upper
96 100
61 150.9 111.0 166.4
98 64.3 48.4 72.6



#22
Diisopropyl ether
Concen: 45.306 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 45 Resp: 818505
Ion Ratio Lower Upper
45 100
43 63.8 44.5 66.7
87 25.7 19.7 29.5
59 11.5 9.0 13.6

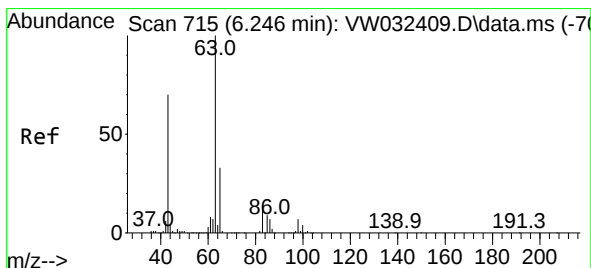
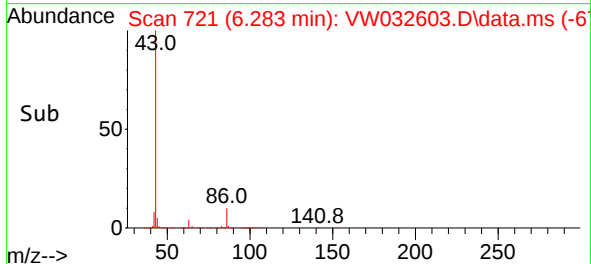
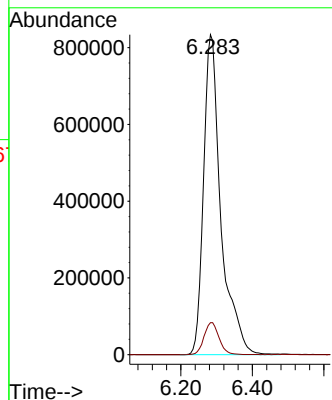
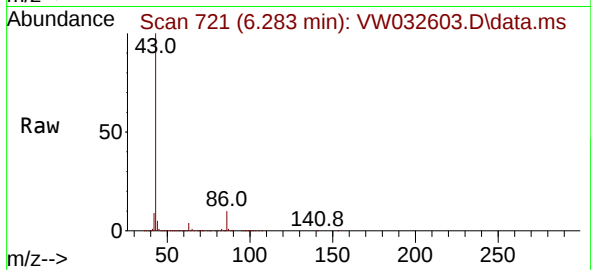




#23
 Vinyl Acetate
 Concen: 234.561 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

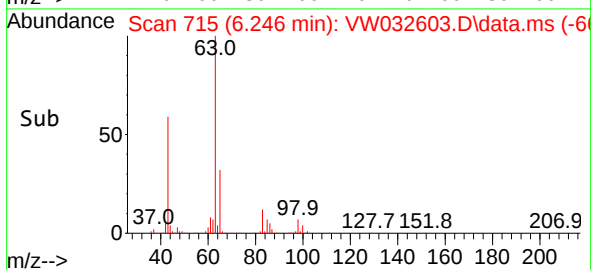
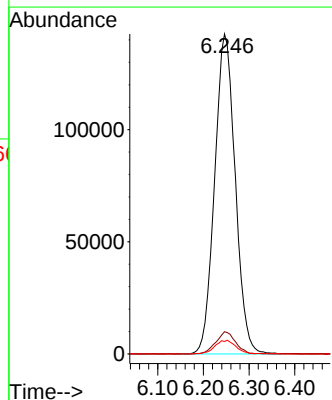
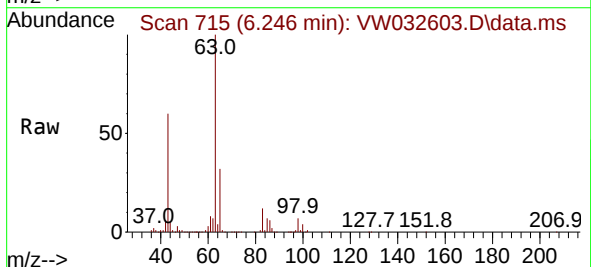
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

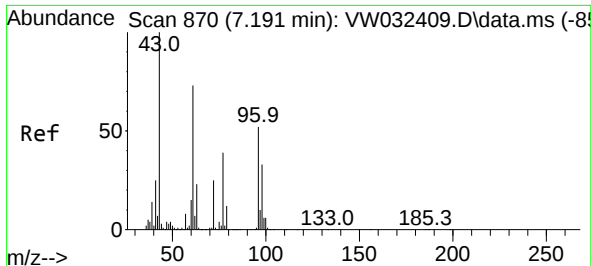
Tgt Ion: 43 Resp: 2807909
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 42.573 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Tgt Ion: 63 Resp: 446543
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.9 2.3 6.8

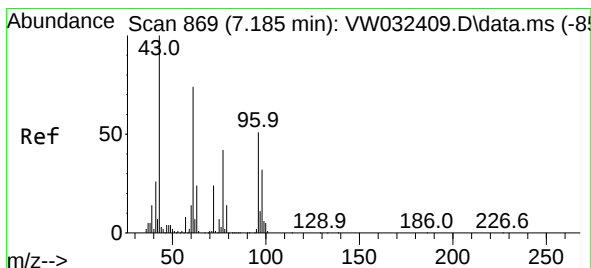
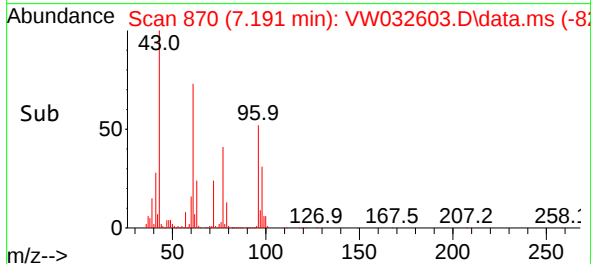
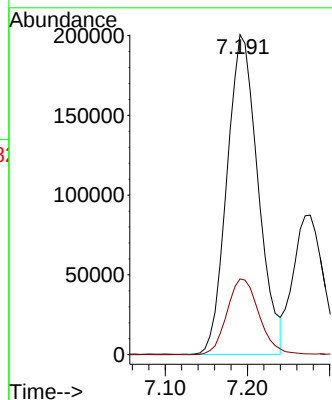
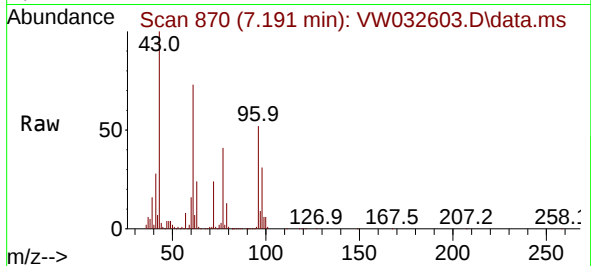




#25
2-Butanone
Concen: 227.880 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

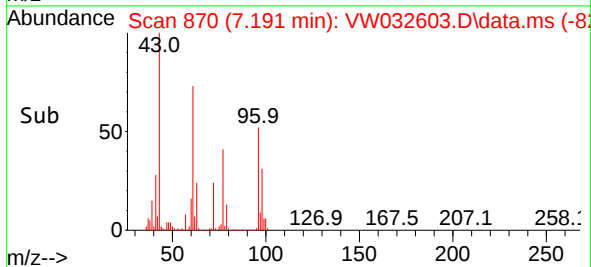
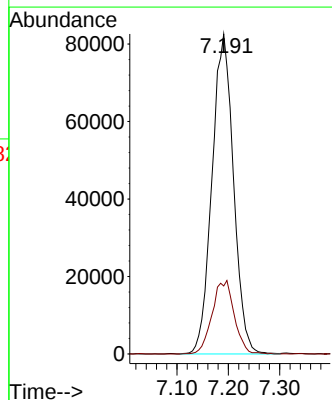
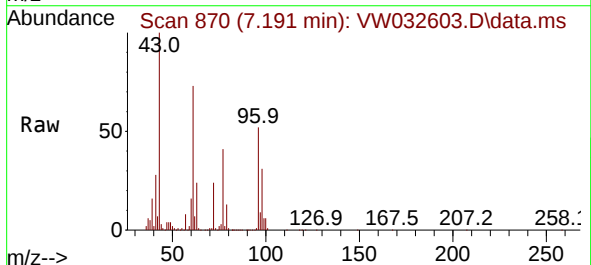
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

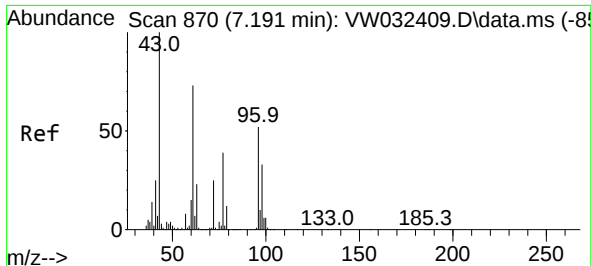
Tgt Ion: 43 Resp: 527268
Ion Ratio Lower Upper
43 100
72 23.7 19.7 29.5



#26
2,2-Dichloropropane
Concen: 39.521 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 77 Resp: 240305
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7



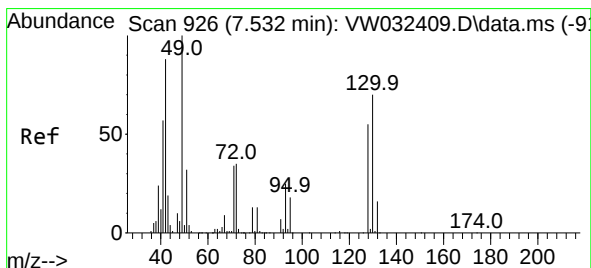
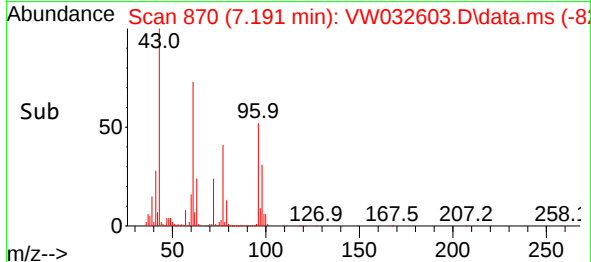
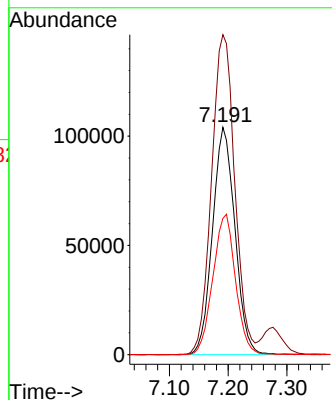
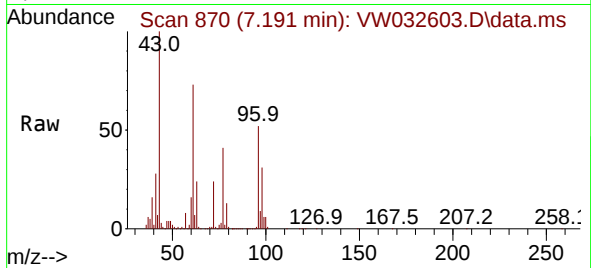


#27
 cis-1,2-Dichloroethene
 Concen: 43.935 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 276369

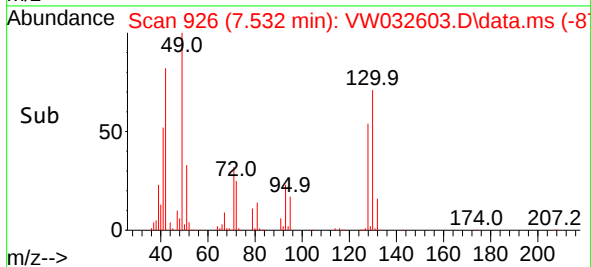
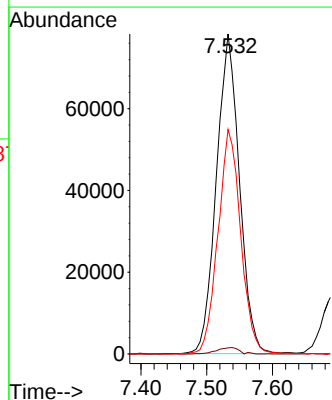
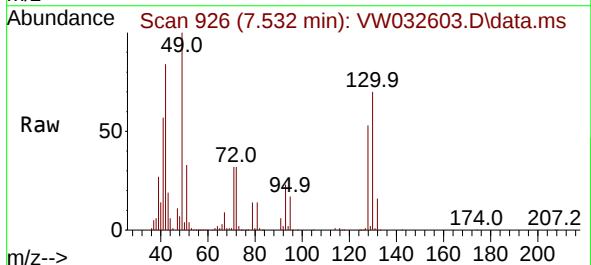
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	298.6
98	62.4	0.0	129.2



#28
 Bromochloromethane
 Concen: 40.490 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Tgt Ion: 49 Resp: 190775

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	69.3	54.1	81.1

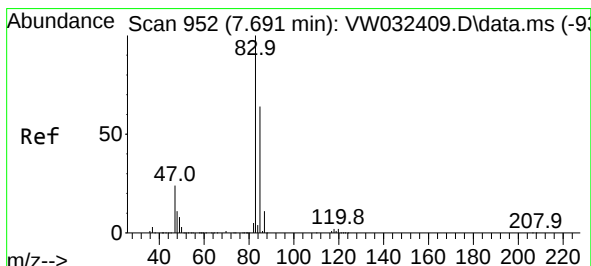
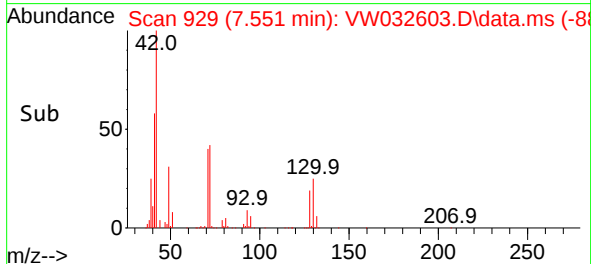
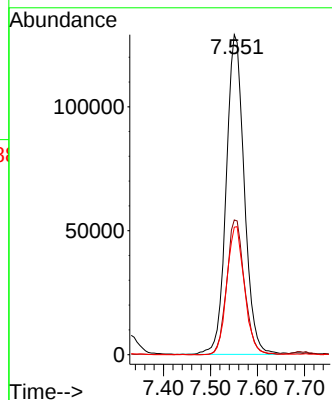
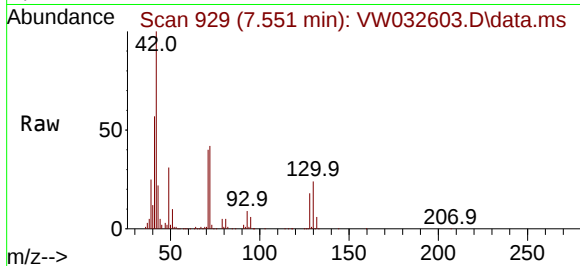




#29
Tetrahydrofuran
Concen: 248.944 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

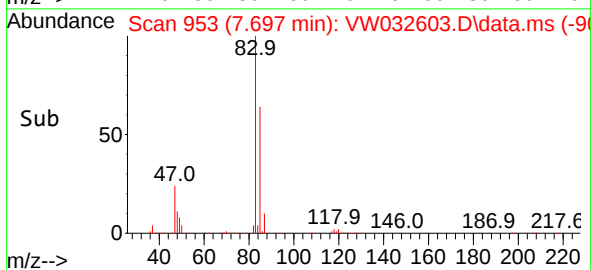
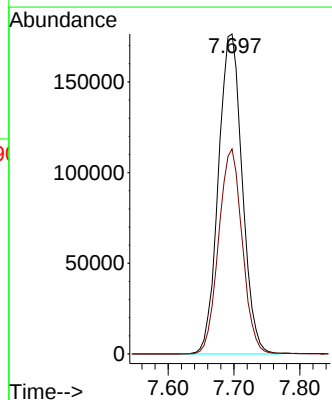
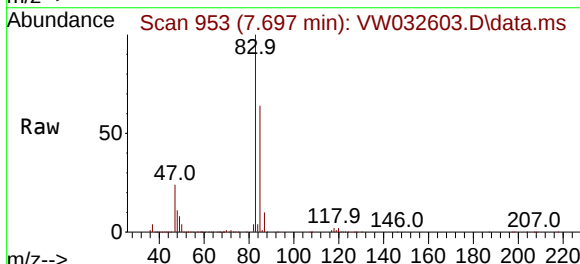
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

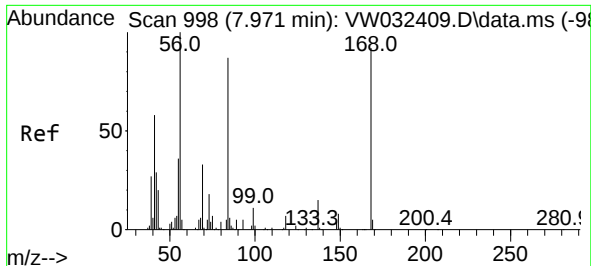
Tgt Ion: 42 Resp: 343926
Ion Ratio Lower Upper
42 100
72 41.7 32.4 48.6
71 39.3 31.1 46.7



#30
Chloroform
Concen: 42.723 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 83 Resp: 444732
Ion Ratio Lower Upper
83 100
85 64.0 53.1 79.7

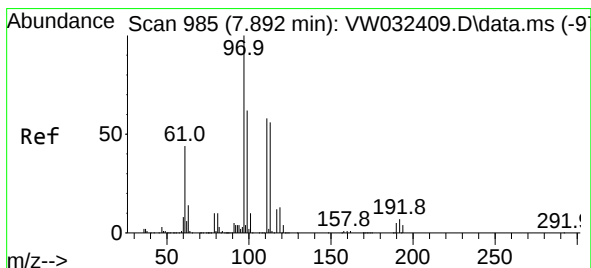
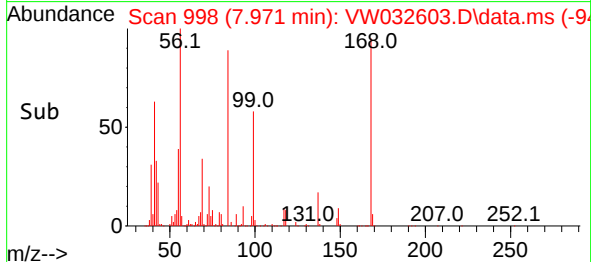
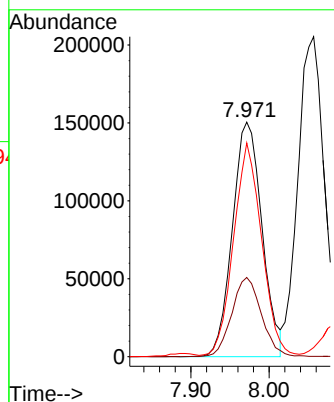
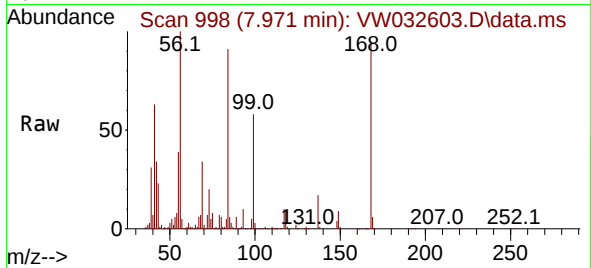




#31
Cyclohexane
Concen: 42.745 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

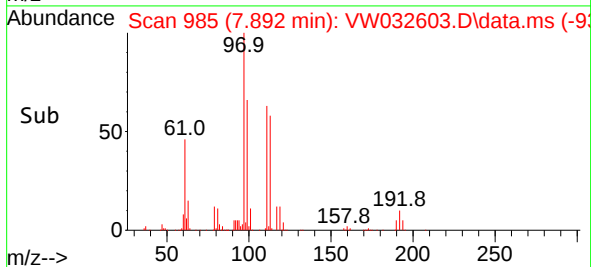
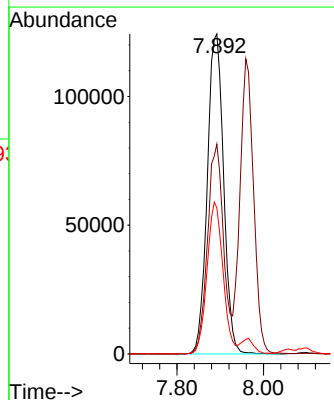
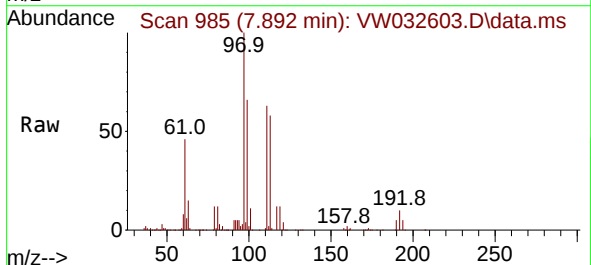
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

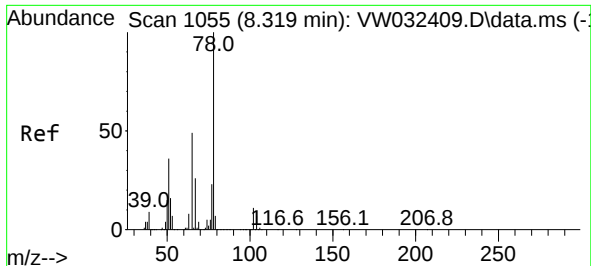
Tgt Ion: 56 Resp: 395341
Ion Ratio Lower Upper
56 100
69 33.8 27.3 40.9
84 89.8 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 43.087 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 97 Resp: 325524
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 46.4 37.8 56.8

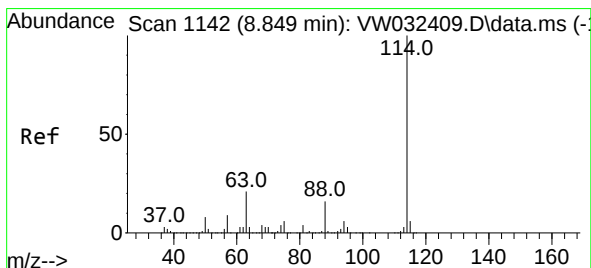
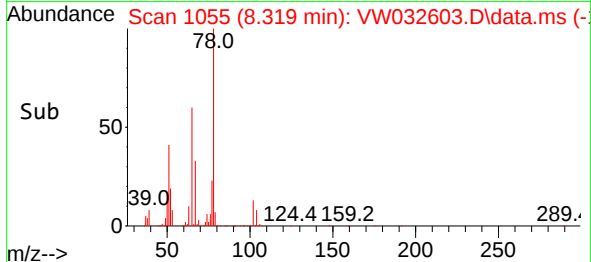
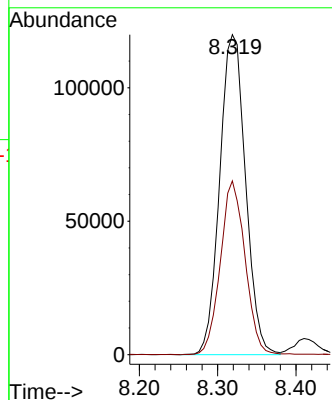
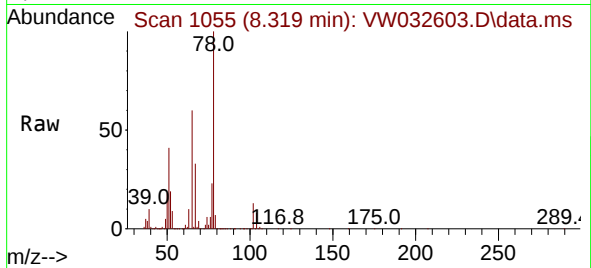




#33
 1,2-Dichloroethane-d4
 Concen: 47.735 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

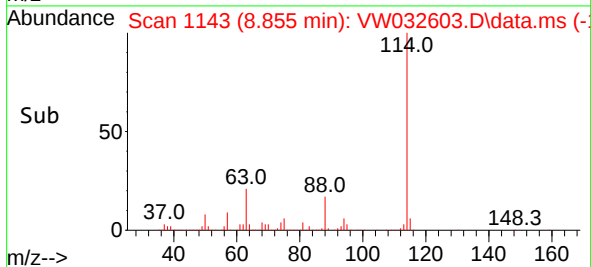
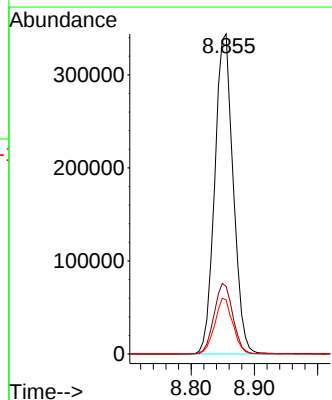
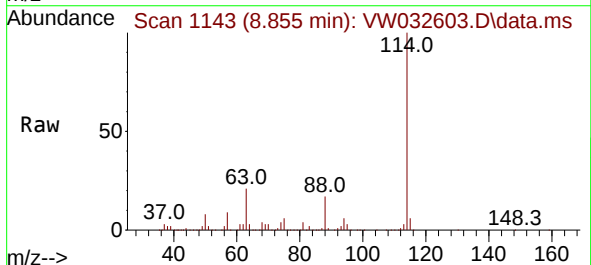
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

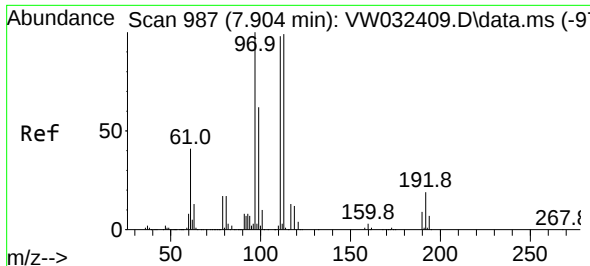
Tgt Ion: 65 Resp: 275418
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Tgt Ion: 114 Resp: 695072
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 16.9 0.0 31.2

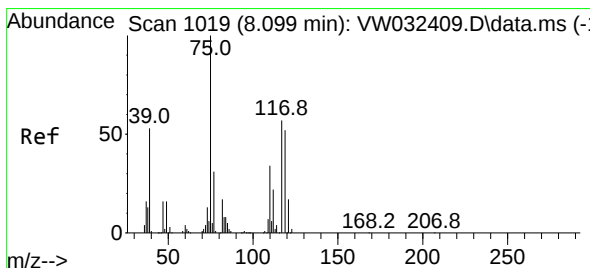
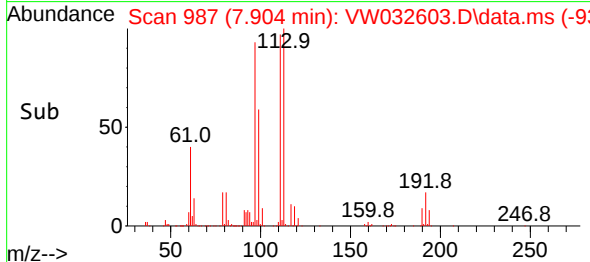
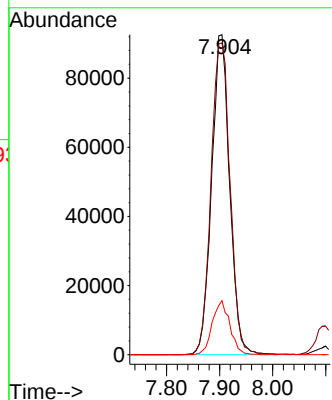
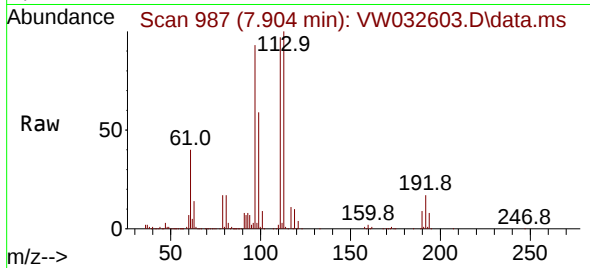




#35
Dibromofluoromethane
Concen: 47.754 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

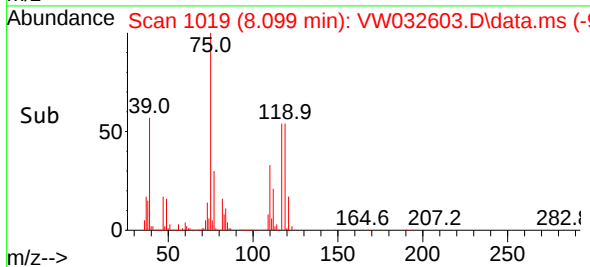
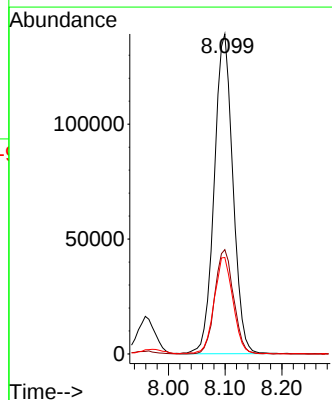
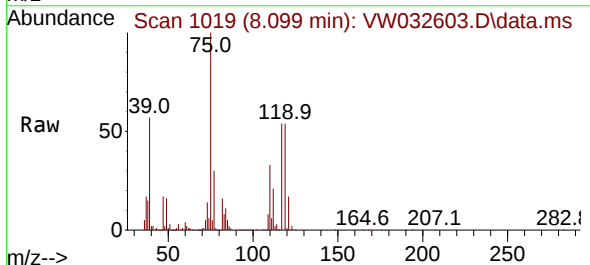
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

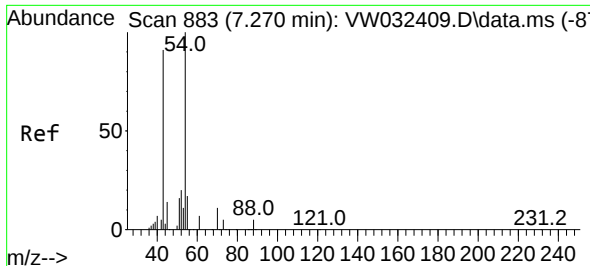
Tgt Ion:113 Resp: 218431
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.0
192 16.5 13.4 20.2



#36
1,1-Dichloropropene
Concen: 45.536 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 75 Resp: 317695
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.6
77 30.5 24.6 37.0

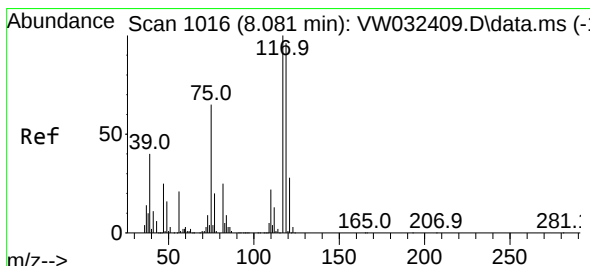
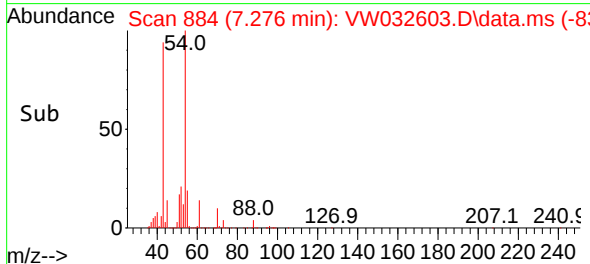
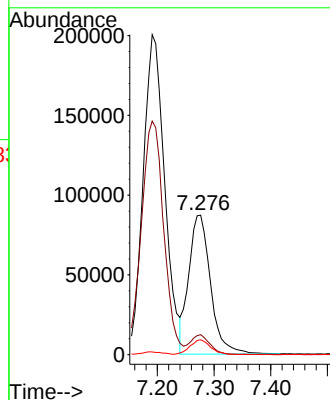
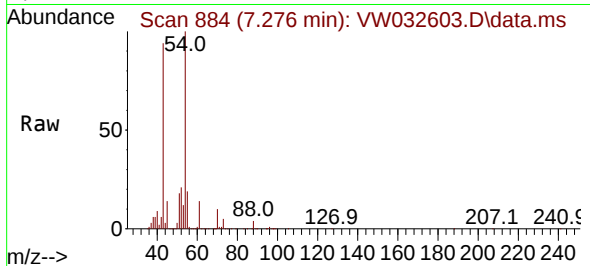




#37
Ethyl Acetate
Concen: 48.263 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

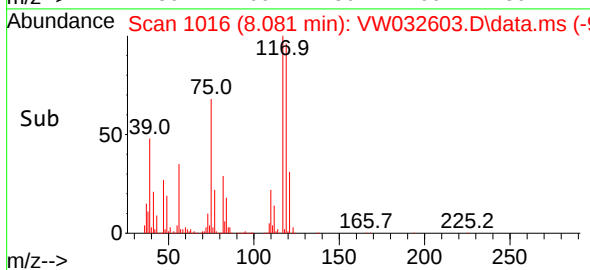
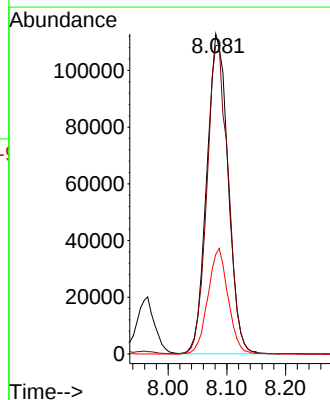
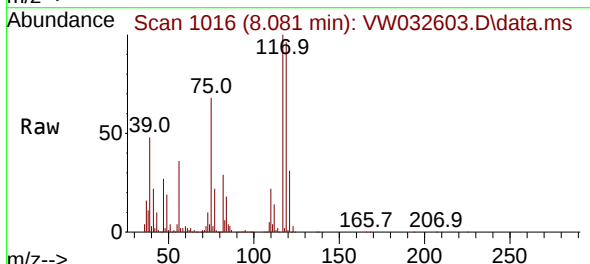
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

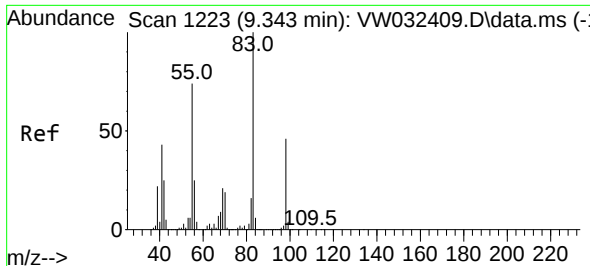
Tgt Ion: 43 Resp: 233024
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 43.868 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 117 Resp: 284341
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
121 31.1 25.4 38.2





#39

Methylcyclohexane

Concen: 47.684 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

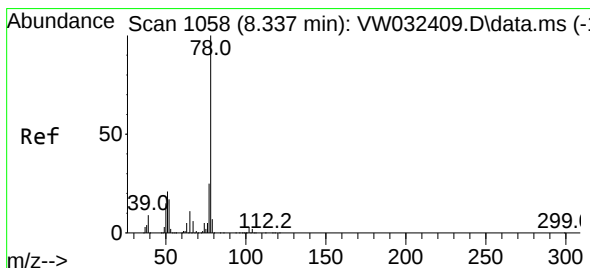
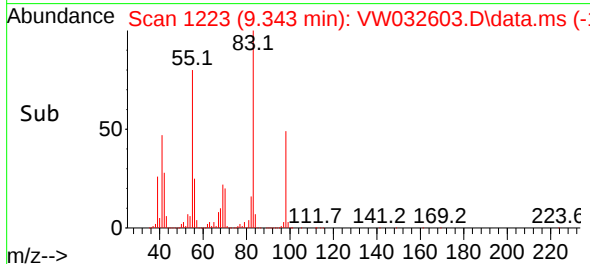
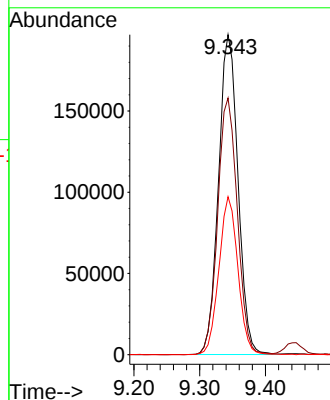
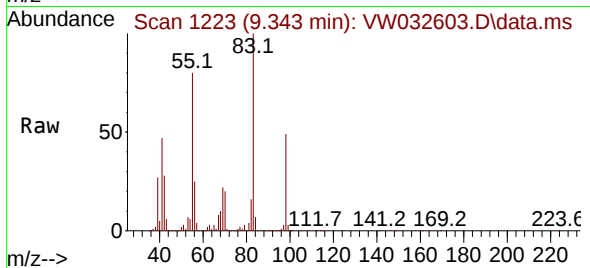
Tgt Ion: 83 Resp: 406227

Ion Ratio Lower Upper

83 100

55 80.2 64.9 97.3

98 49.4 36.2 54.4



#40

Benzene

Concen: 43.580 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032603.D

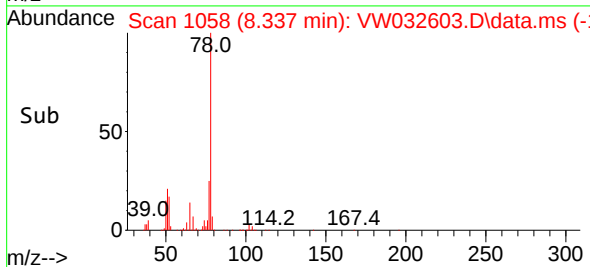
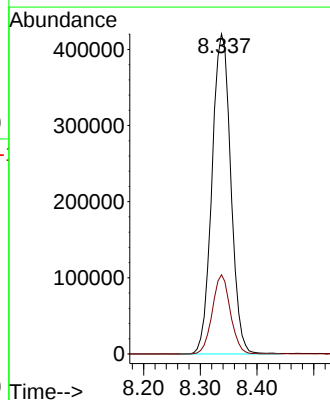
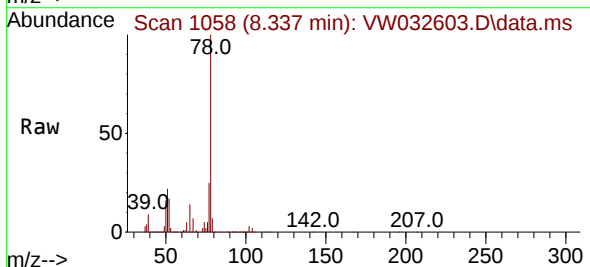
Acq: 08 Dec 2025 17:41

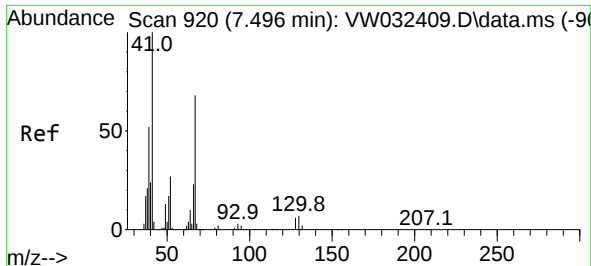
Tgt Ion: 78 Resp: 968924

Ion Ratio Lower Upper

78 100

77 24.7 20.0 30.0



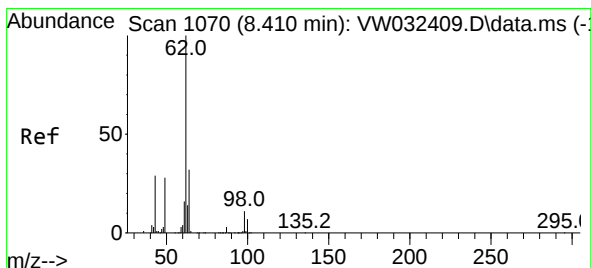
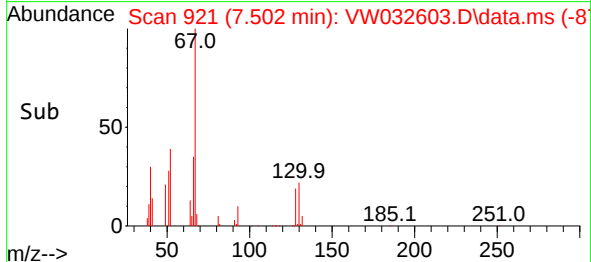
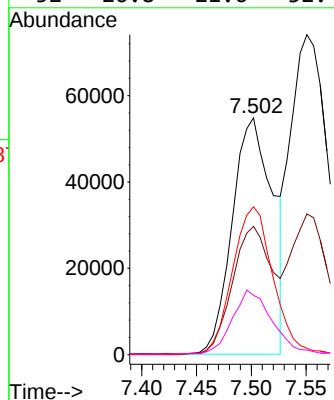
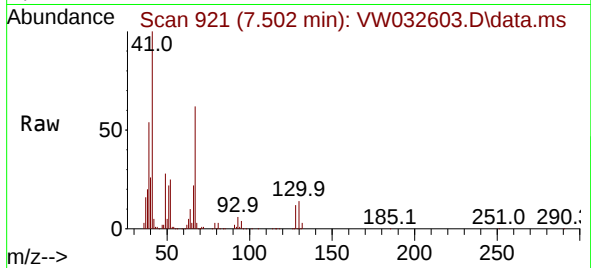


#41
Methacrylonitrile
Concen: 54.014 ug/l
RT: 7.502 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 141109

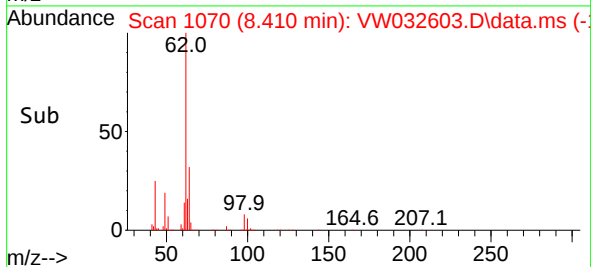
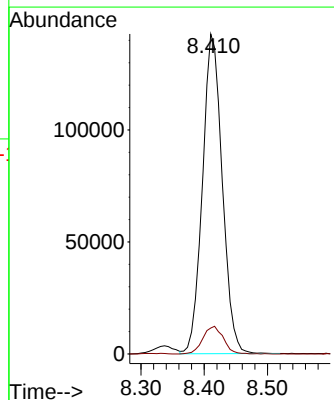
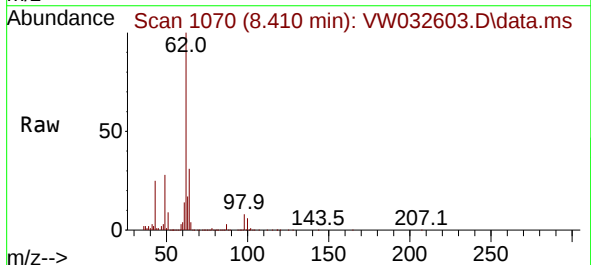
Ion	Ratio	Lower	Upper
41	100		
39	53.6	38.5	57.7
67	63.0	49.8	74.6
52	26.8	21.6	32.4

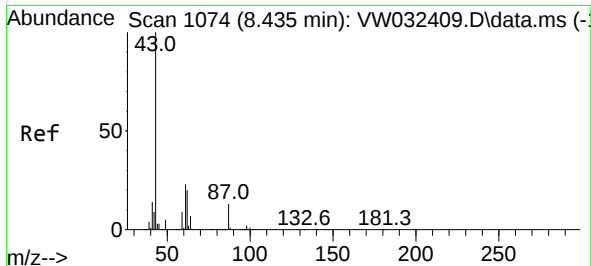


#42
1,2-Dichloroethane
Concen: 45.563 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 62 Resp: 310592

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.0

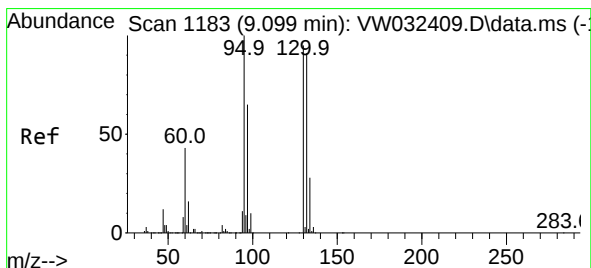
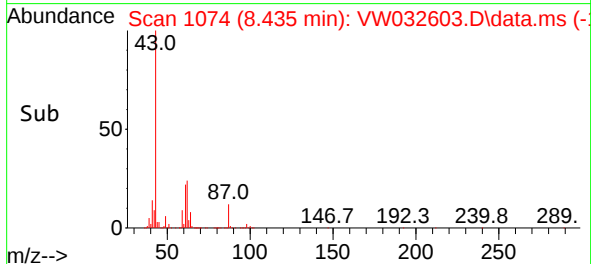
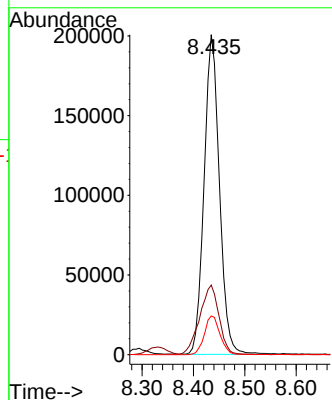
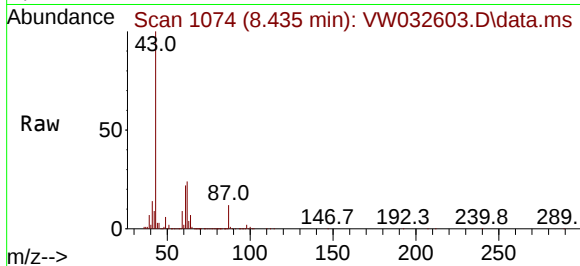




#43
Isopropyl Acetate
Concen: 50.139 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

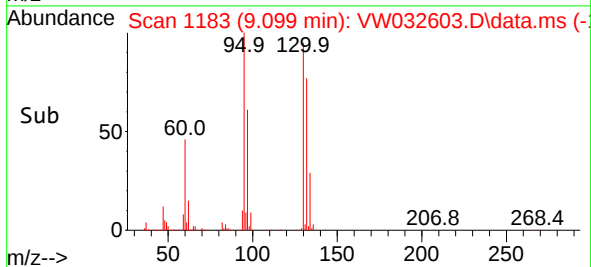
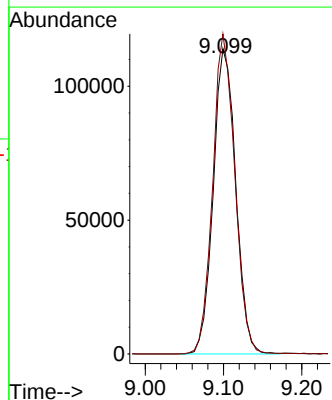
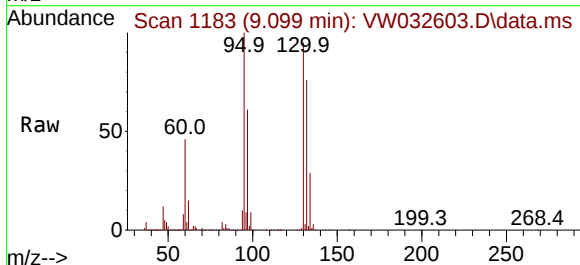
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

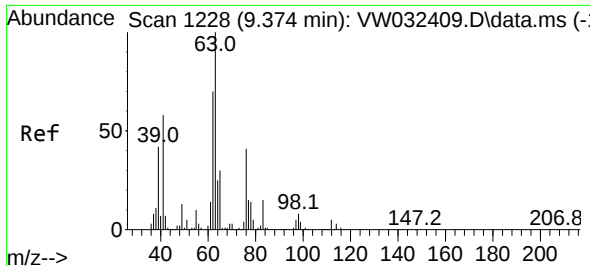
Tgt Ion: 43 Resp: 416106
Ion Ratio Lower Upper
43 100
61 27.3 22.3 33.5
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 45.932 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:130 Resp: 228245
Ion Ratio Lower Upper
130 100
95 104.8 0.0 190.4

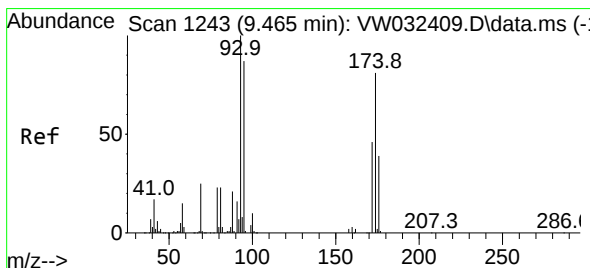
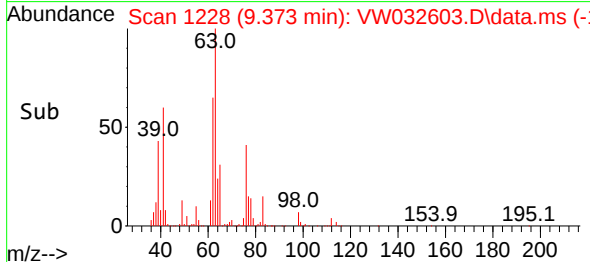
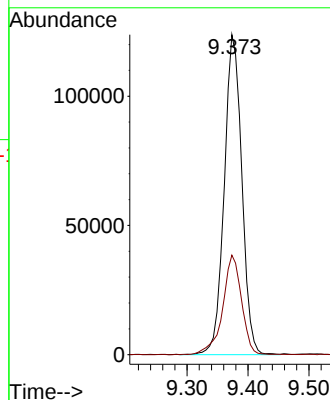
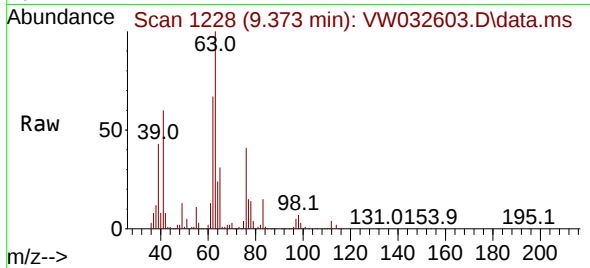




#45
1,2-Dichloropropane
Concen: 44.939 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

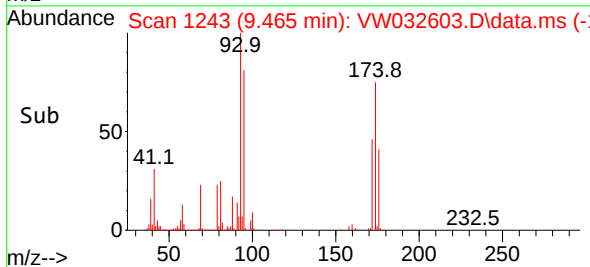
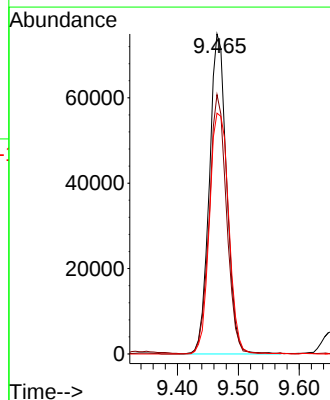
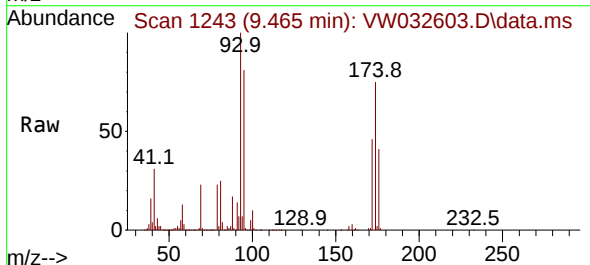
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 248168
Ion Ratio Lower Upper
63 100
65 31.1 26.5 39.7



#46
Dibromomethane
Concen: 46.425 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 93 Resp: 148255
Ion Ratio Lower Upper
93 100
95 80.8 66.4 99.6
174 83.5 65.3 97.9

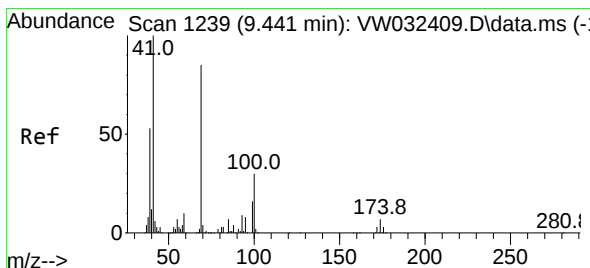
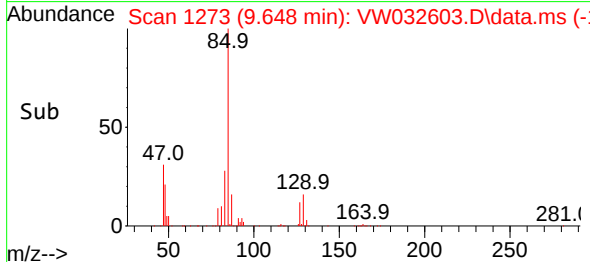
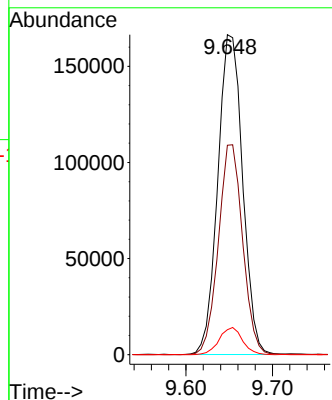
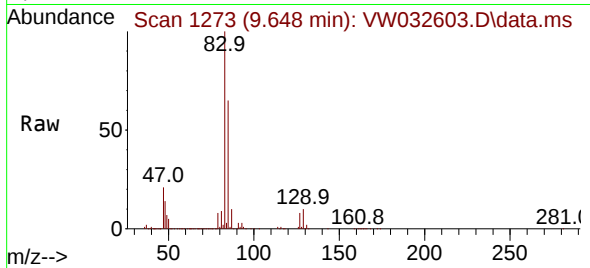




#47
Bromodichloromethane
Concen: 44.293 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

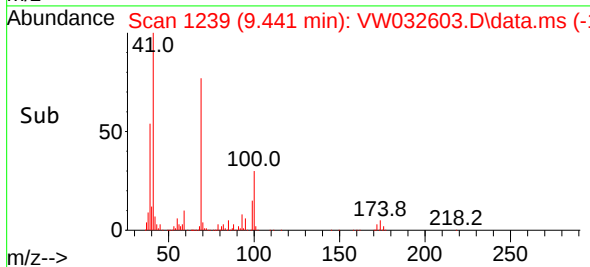
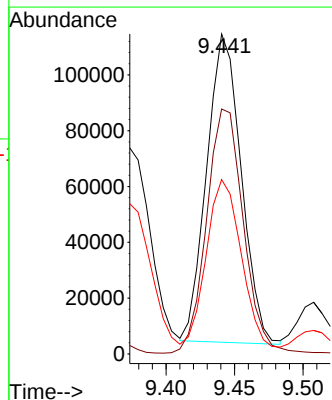
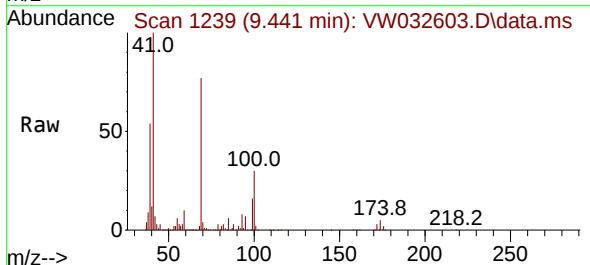
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

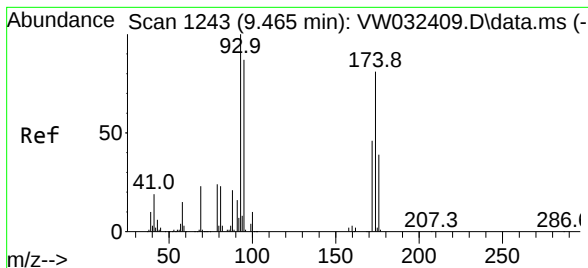
Tgt Ion: 83 Resp: 331527
Ion Ratio Lower Upper
83 100
85 65.5 50.8 76.2
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 51.241 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 41 Resp: 193307
Ion Ratio Lower Upper
41 100
69 85.0 62.1 93.1
39 54.9 39.1 58.7





#49

1,4-Dioxane

Concen: 1042.236 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

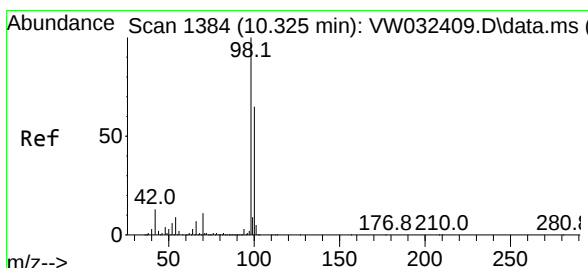
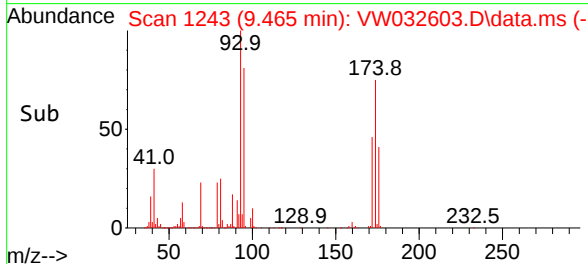
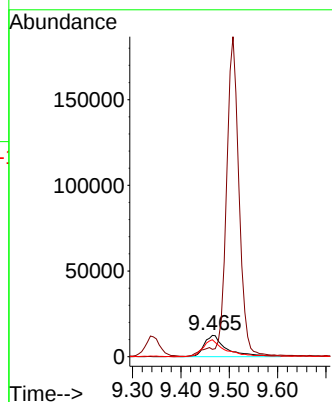
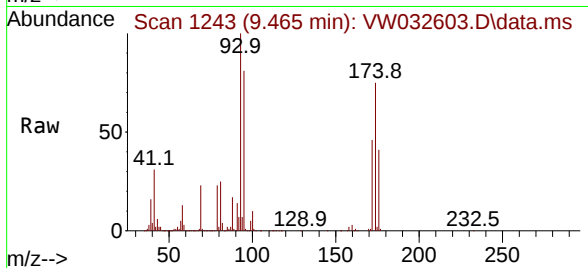
Tgt Ion: 88 Resp: 39770

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.6 65.2 97.8



#50

Toluene-d8

Concen: 48.896 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032603.D

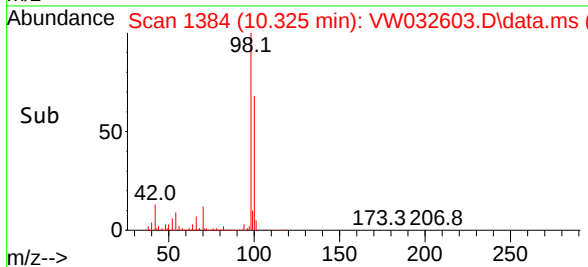
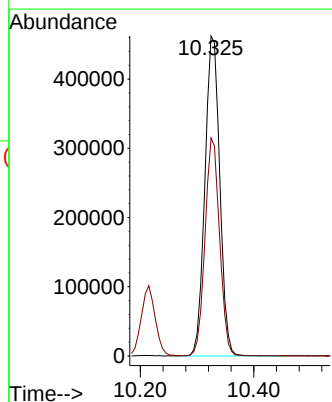
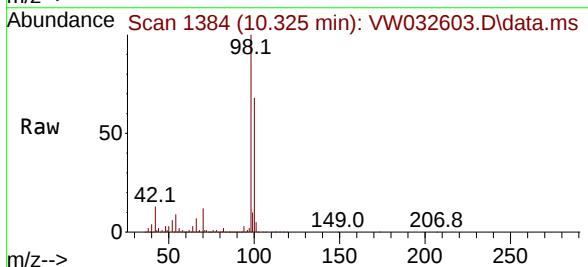
Acq: 08 Dec 2025 17:41

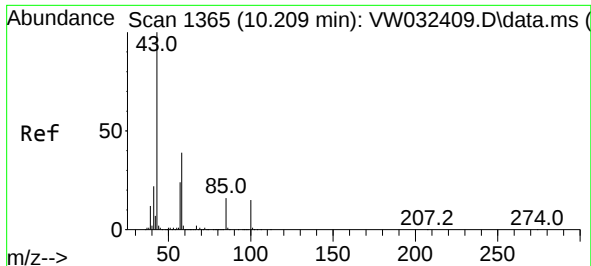
Tgt Ion: 98 Resp: 841572

Ion Ratio Lower Upper

98 100

100 66.7 54.7 82.1

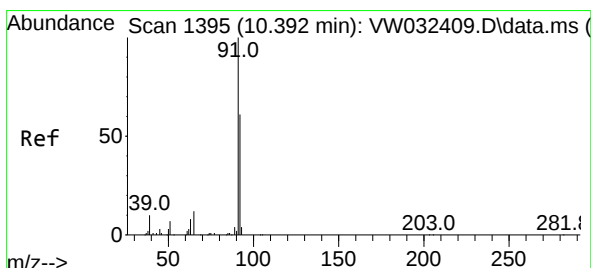
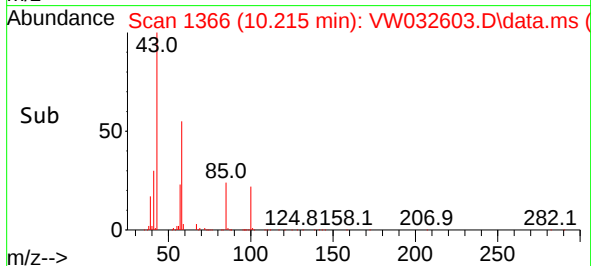
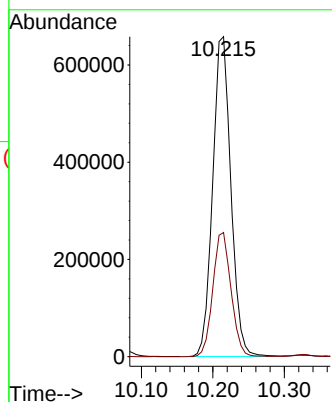
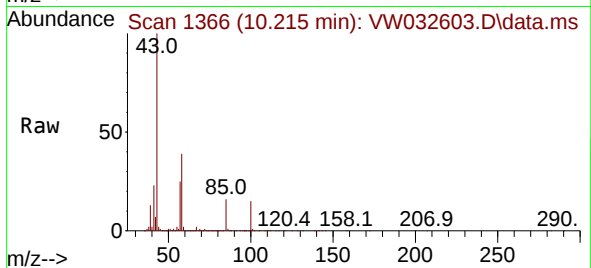




#51
4-Methyl-2-Pentanone
Concen: 253.547 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

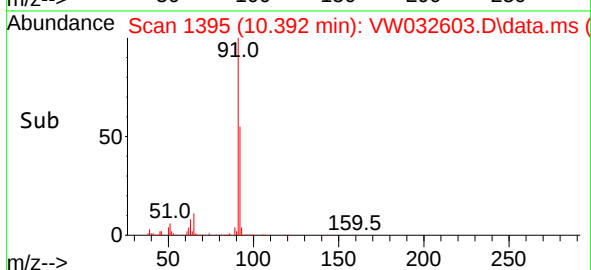
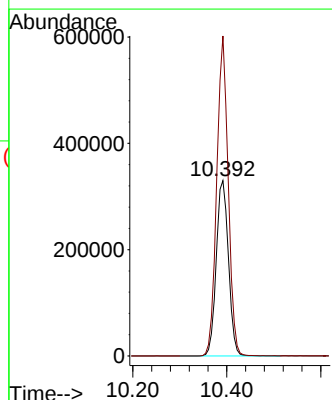
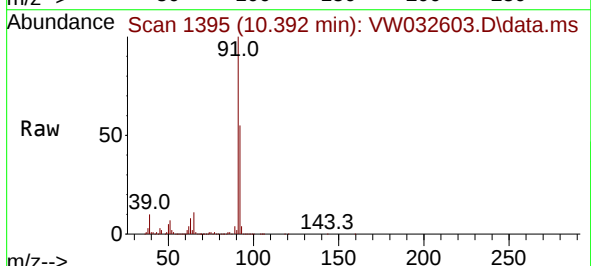
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

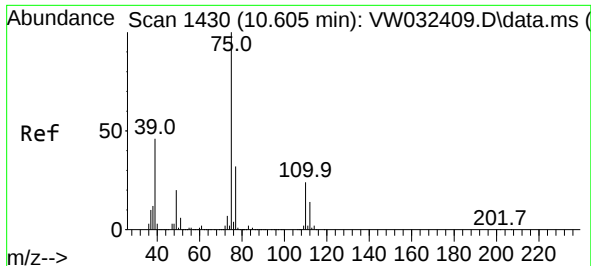
Tgt Ion: 43 Resp: 1164313
Ion Ratio Lower Upper
43 100
58 38.9 30.5 45.7



#52
Toluene
Concen: 44.250 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 92 Resp: 592800
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

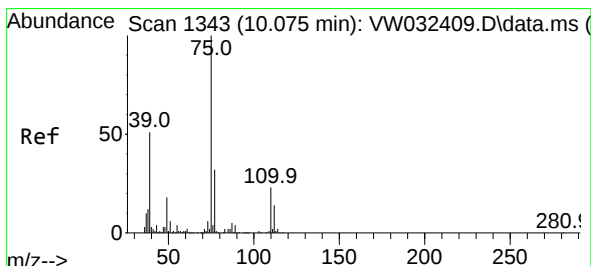
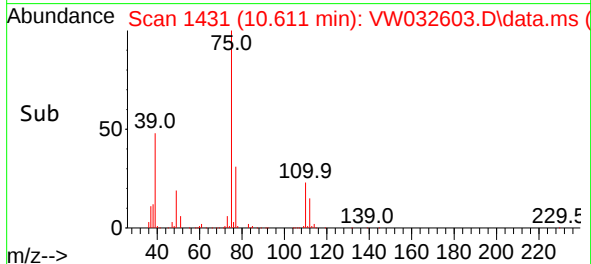
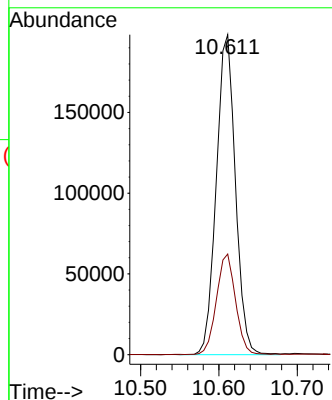
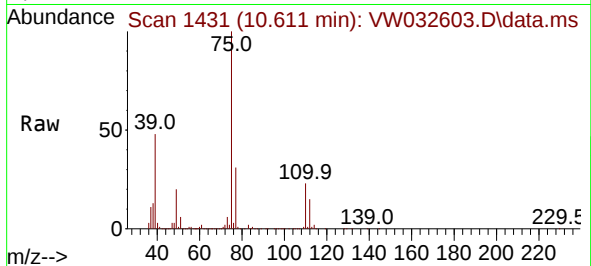




#53
t-1,3-Dichloropropene
Concen: 46.838 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

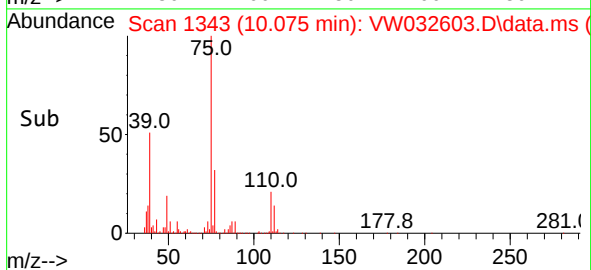
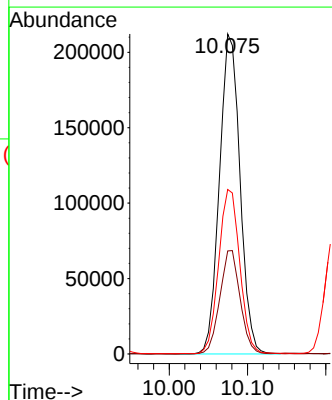
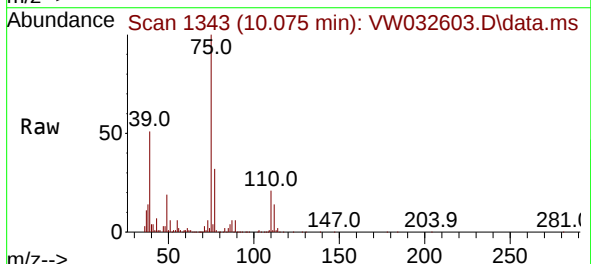
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

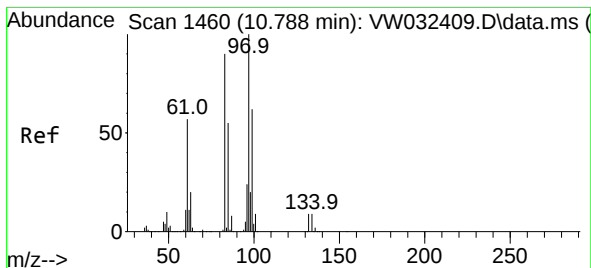
Tgt Ion: 75 Resp: 336324
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.958 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 75 Resp: 387271
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
39 51.3 42.9 64.3



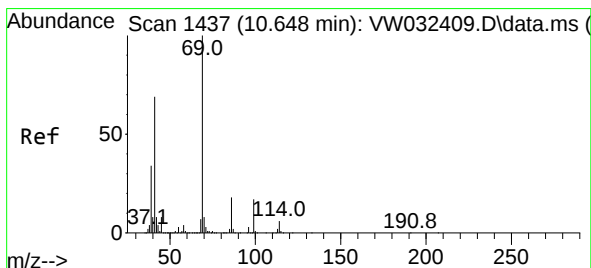
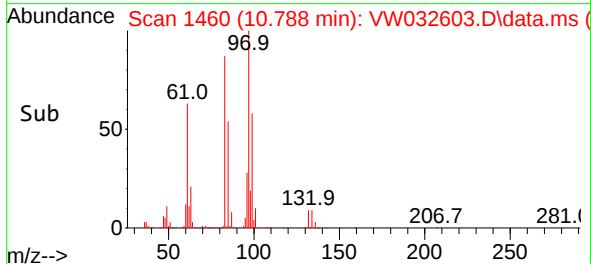
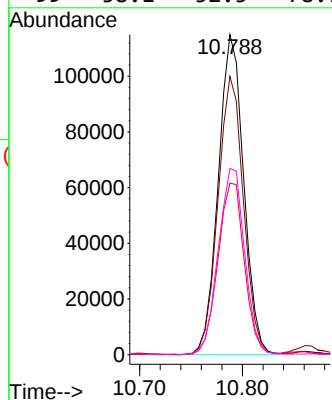
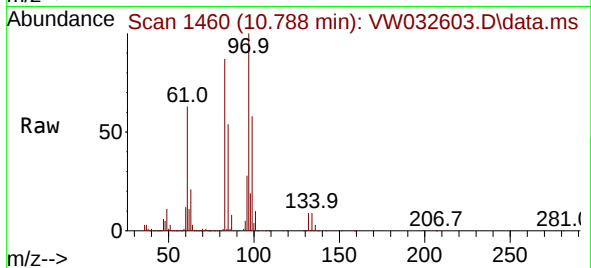


#55
1,1,2-Trichloroethane
Concen: 46.044 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 196939

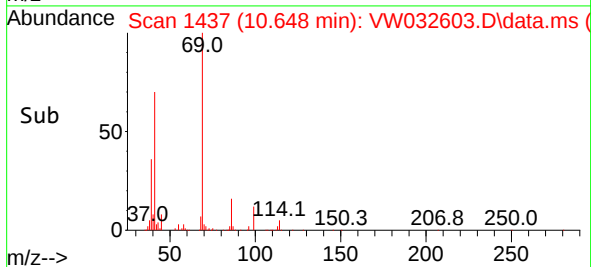
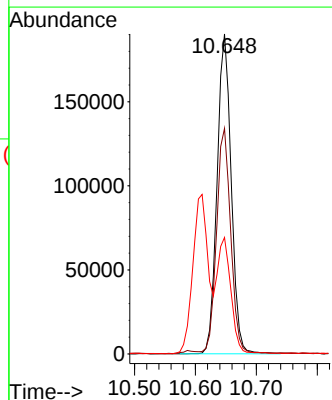
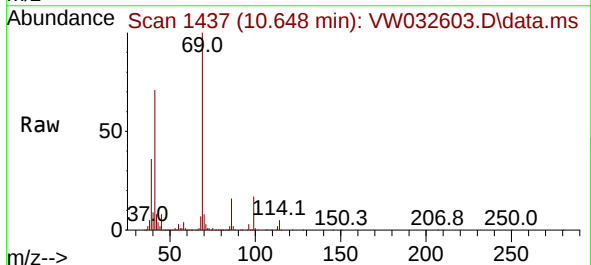
Ion	Ratio	Lower	Upper
97	100		
83	86.9	76.3	114.5
85	53.7	46.1	69.1
99	58.1	52.5	78.7



#56
Ethyl methacrylate
Concen: 51.700 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 69 Resp: 305804

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.2	84.4
39	34.4	26.9	40.3





#57

1,3-Dichloropropane

Concen: 46.482 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

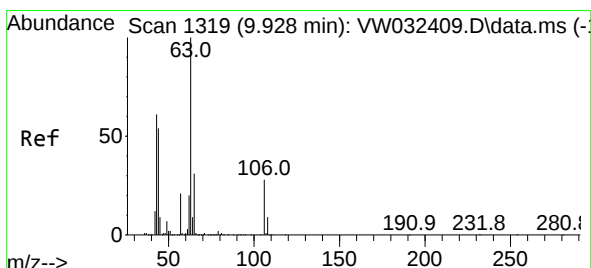
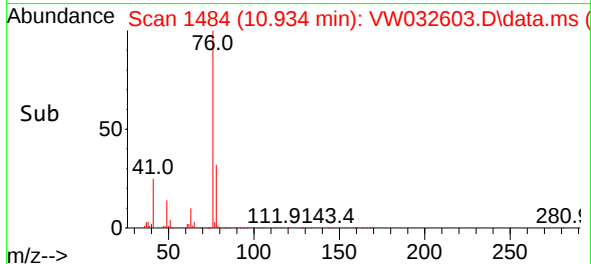
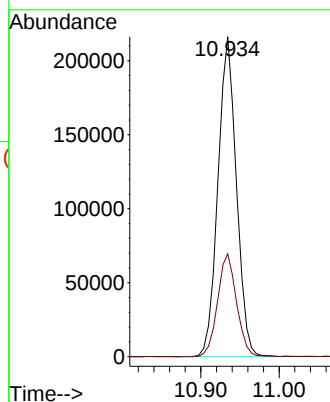
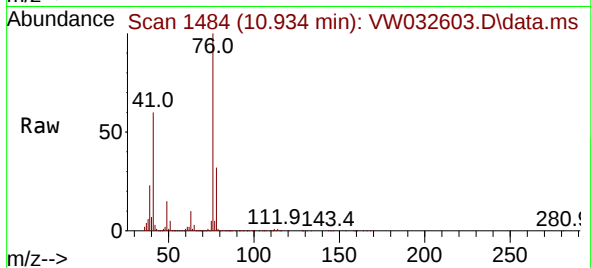
VSTDCCC050EC

Tgt Ion: 76 Resp: 354816

Ion Ratio Lower Upper

76 100

78 33.0 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 268.124 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032603.D

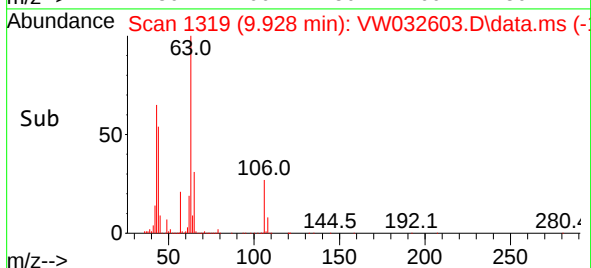
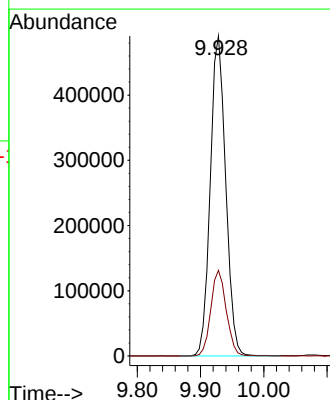
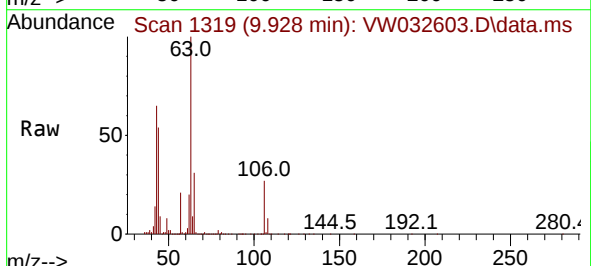
Acq: 08 Dec 2025 17:41

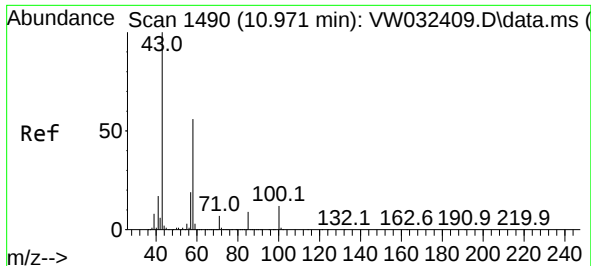
Tgt Ion: 63 Resp: 830999

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3

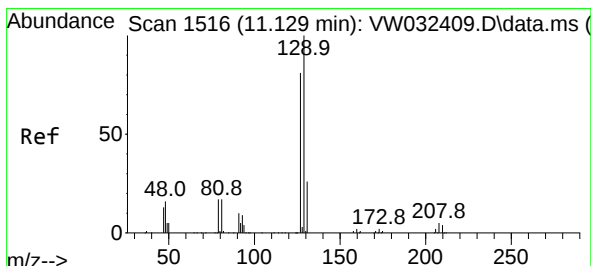
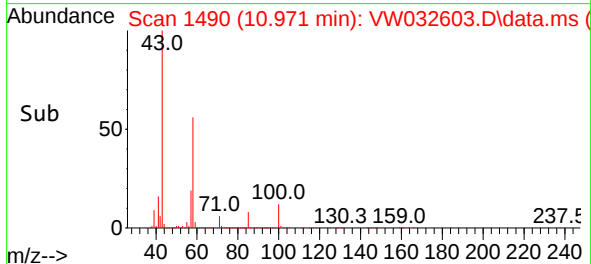
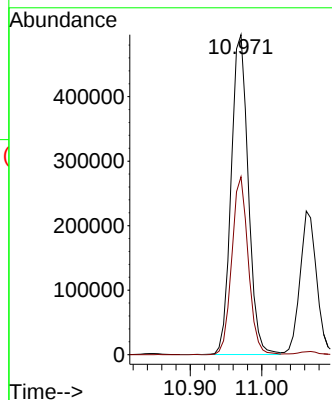
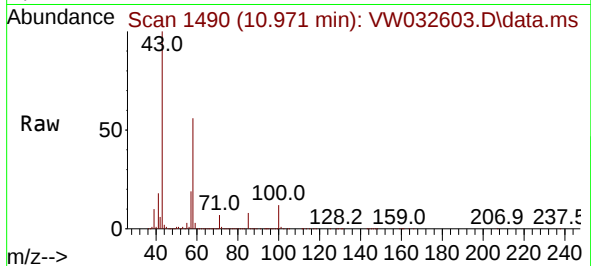




#59
2-Hexanone
Concen: 251.461 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

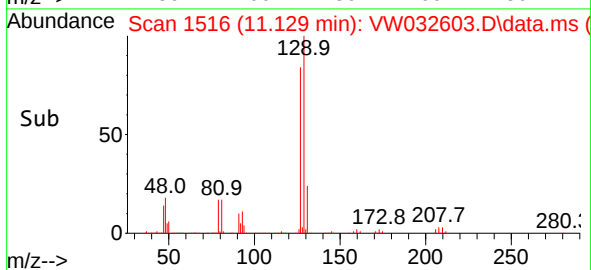
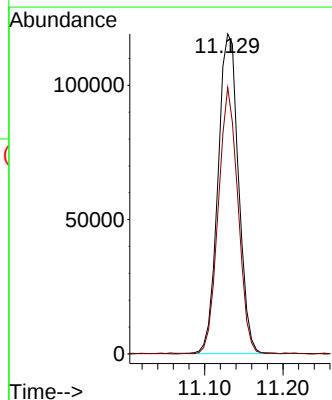
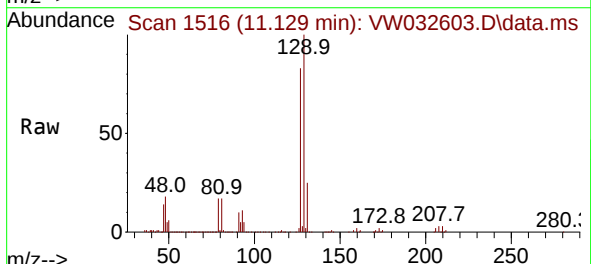
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

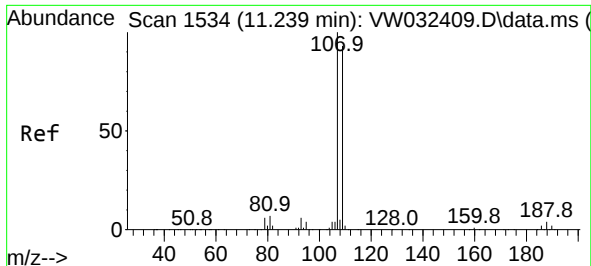
Tgt Ion: 43 Resp: 822370
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.6



#60
Dibromochloromethane
Concen: 45.300 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:129 Resp: 217162
Ion Ratio Lower Upper
129 100
127 79.7 40.9 122.8

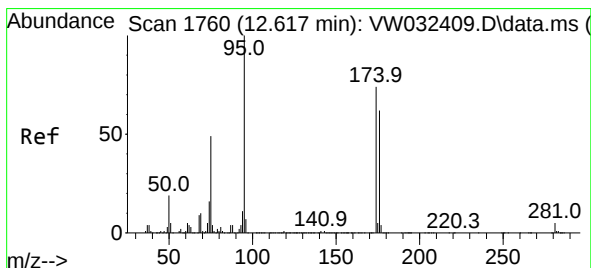
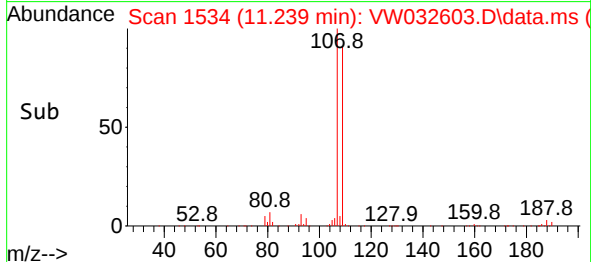
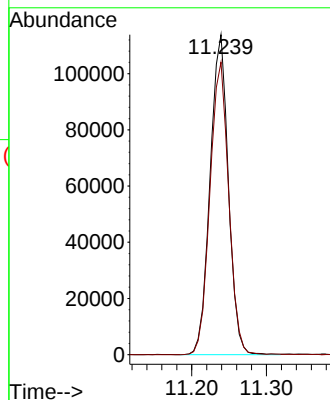
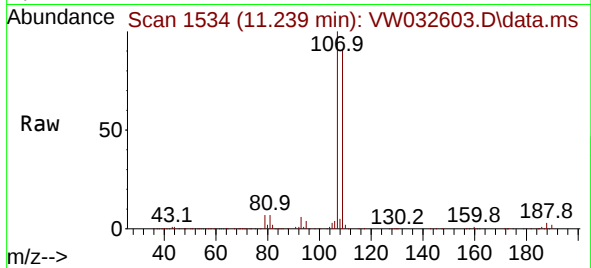




#61
1,2-Dibromoethane
Concen: 47.484 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

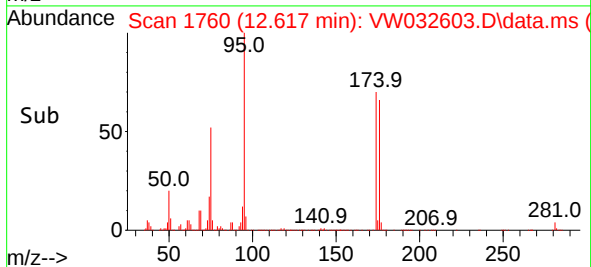
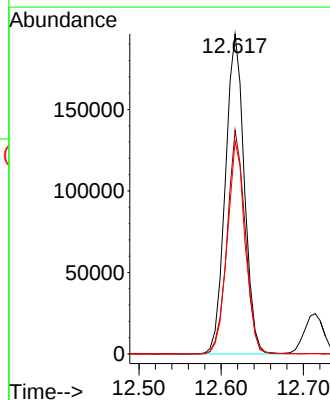
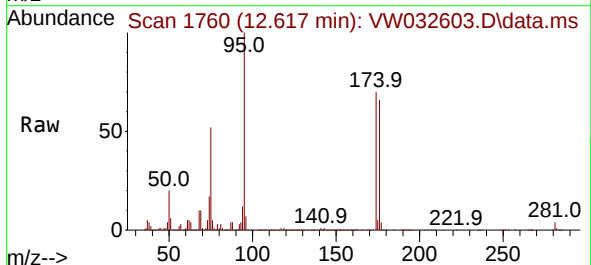
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

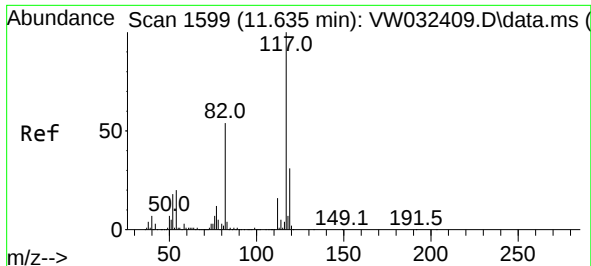
Tgt Ion:107 Resp: 193149
Ion Ratio Lower Upper
107 100
109 93.8 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 95 Resp: 313900
Ion Ratio Lower Upper
95 100
174 66.5 0.0 141.2
176 63.2 0.0 130.8

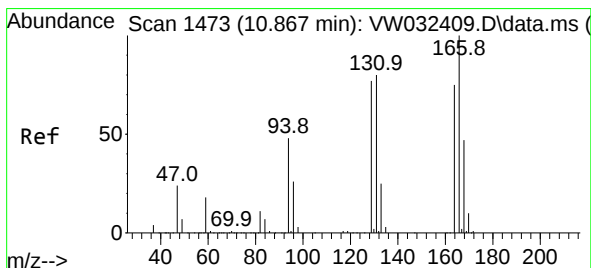
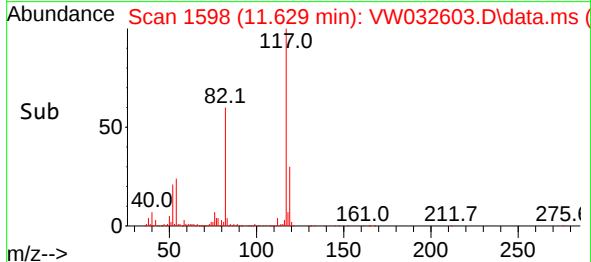
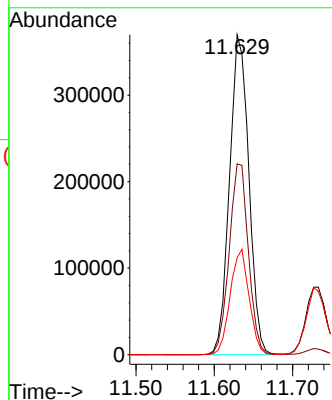
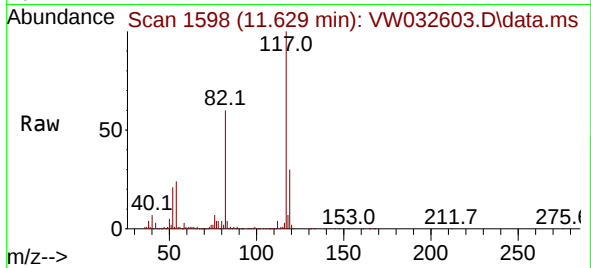




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

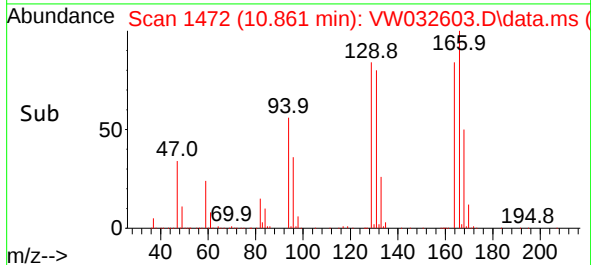
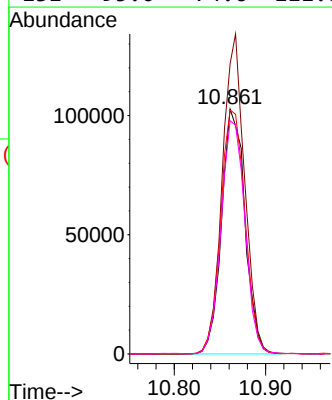
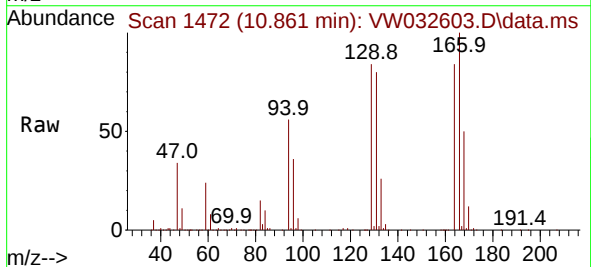
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

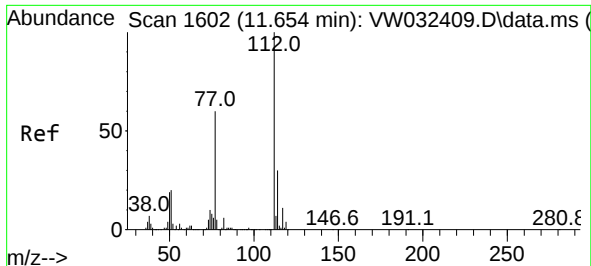
Tgt Ion:117 Resp: 632300
Ion Ratio Lower Upper
117 100
82 59.6 45.9 68.9
119 30.3 26.3 39.5



#64
Tetrachloroethene
Concen: 43.114 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:164 Resp: 181824
Ion Ratio Lower Upper
164 100
166 118.6 97.3 145.9
129 99.6 75.7 113.5
131 95.0 74.6 111.8

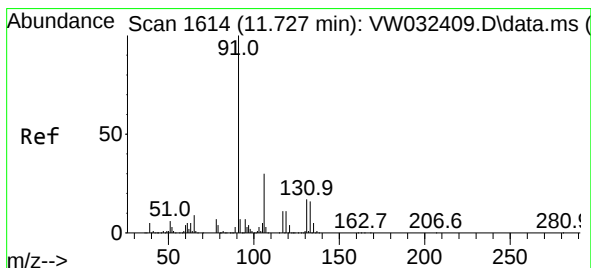
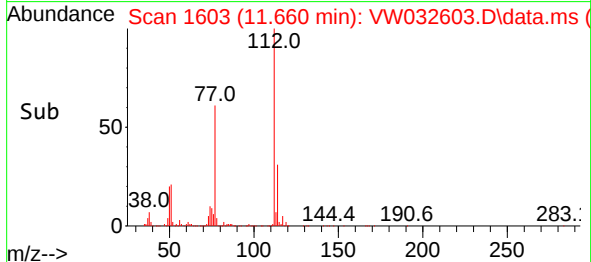
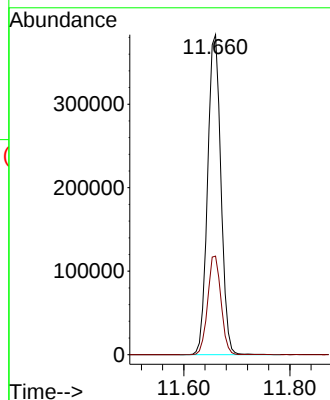
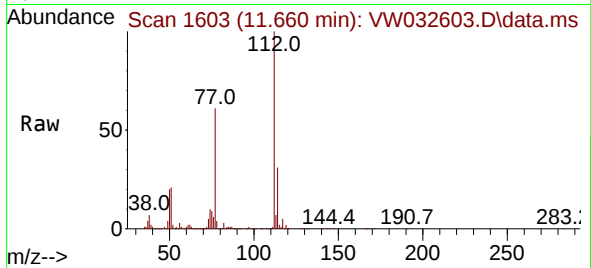




#65
Chlorobenzene
Concen: 44.527 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

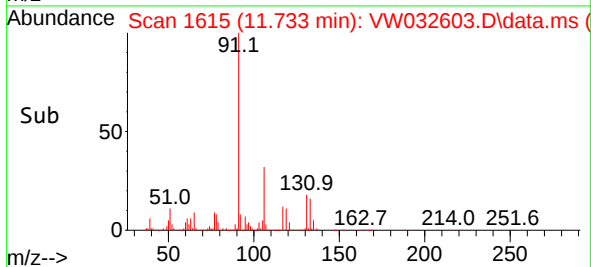
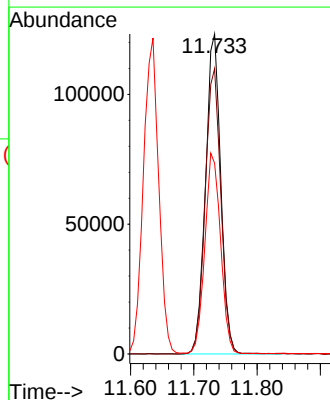
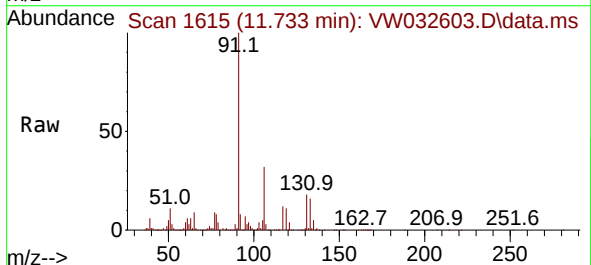
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

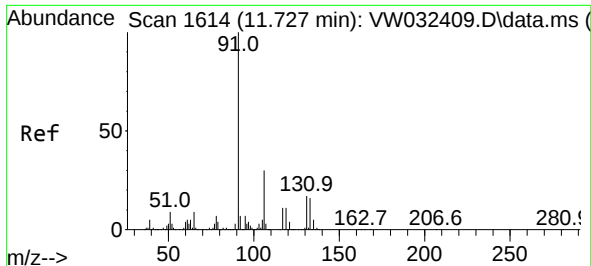
Tgt Ion:112 Resp: 665248
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.793 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:131 Resp: 206987
Ion Ratio Lower Upper
131 100
133 91.6 47.4 142.3
119 65.1 32.2 96.6





#67

Ethyl Benzene

Concen: 44.816 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

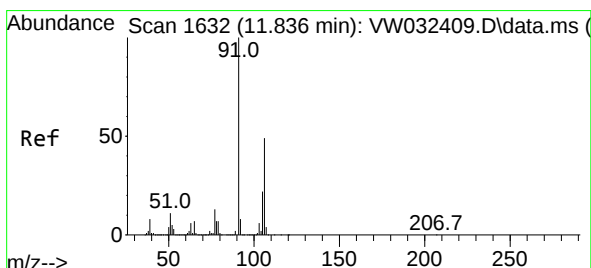
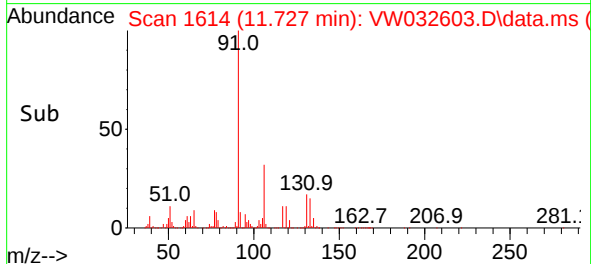
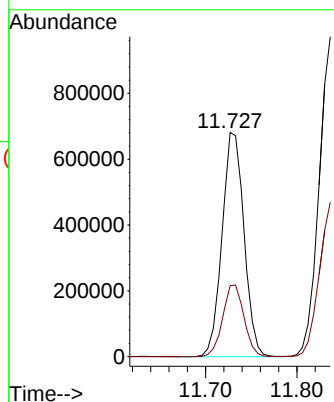
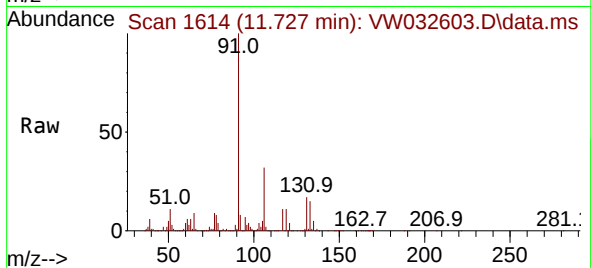
VSTDCCC050EC

Tgt Ion: 91 Resp: 1136498

Ion Ratio Lower Upper

91 100

106 31.7 23.0 34.6



#68

m/p-Xylenes

Concen: 91.279 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032603.D

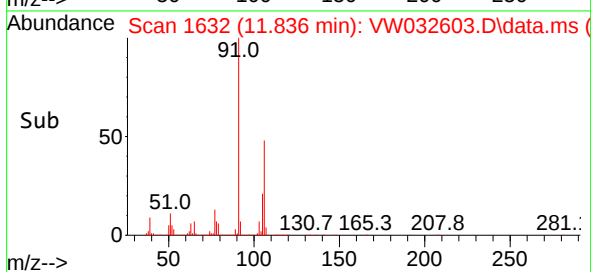
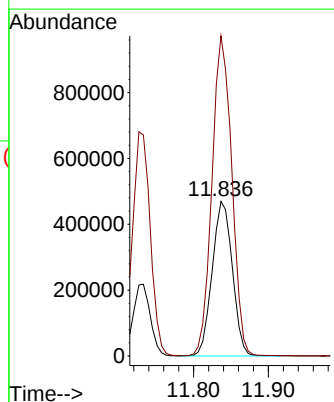
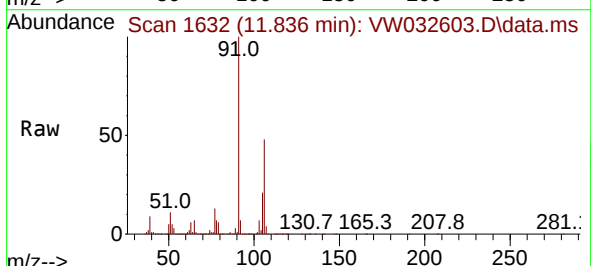
Acq: 08 Dec 2025 17:41

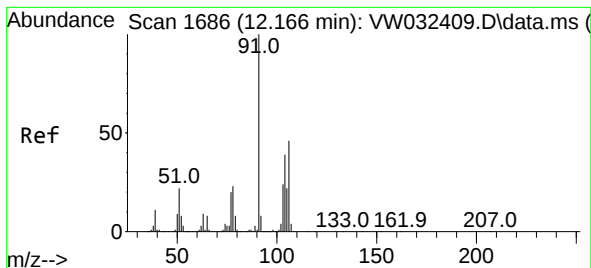
Tgt Ion:106 Resp: 880062

Ion Ratio Lower Upper

106 100

91 204.1 163.3 244.9

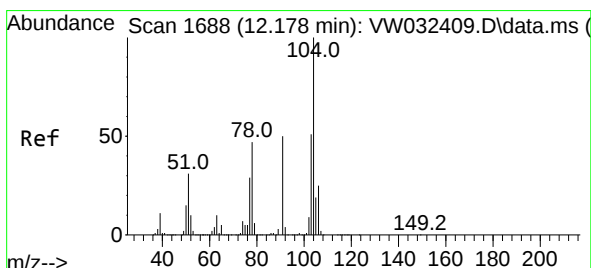
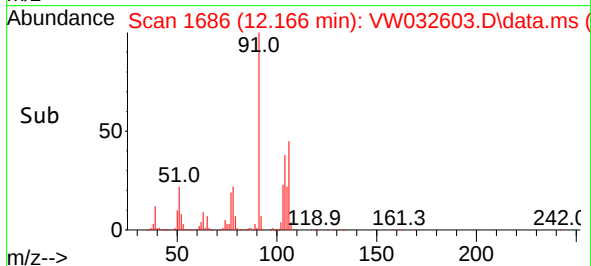
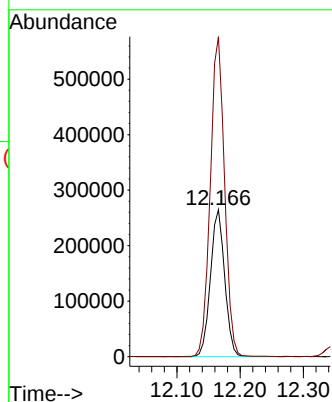
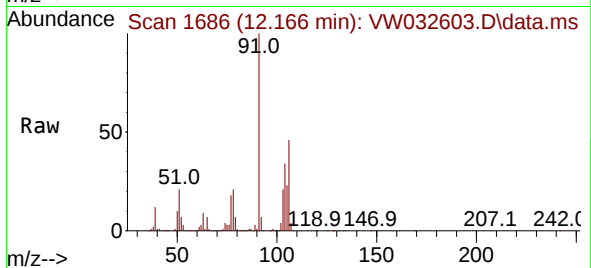




#69
o-Xylene
Concen: 46.856 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

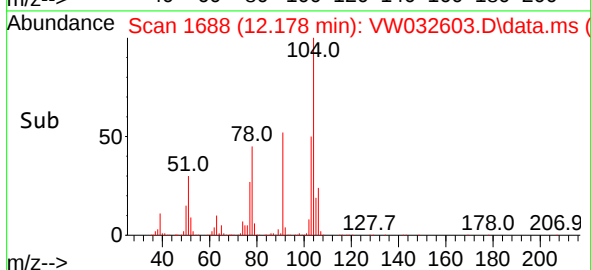
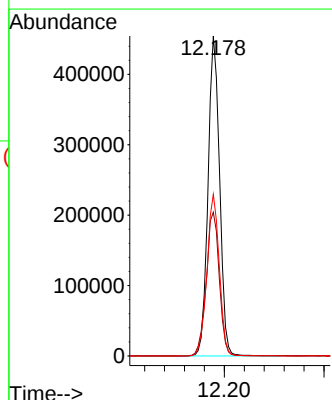
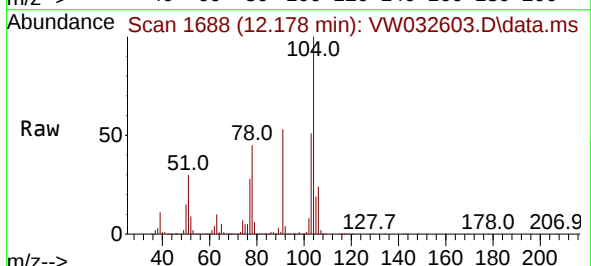
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

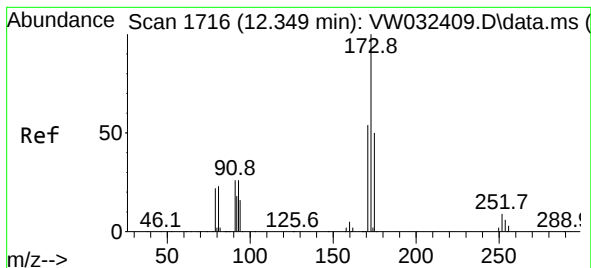
Tgt Ion:106 Resp: 413727
Ion Ratio Lower Upper
106 100
91 218.9 104.1 312.3



#70
Styrene
Concen: 47.286 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:104 Resp: 732369
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 47.649 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

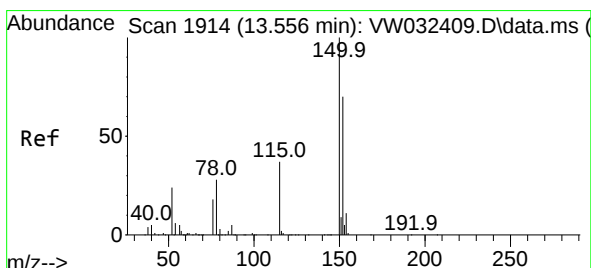
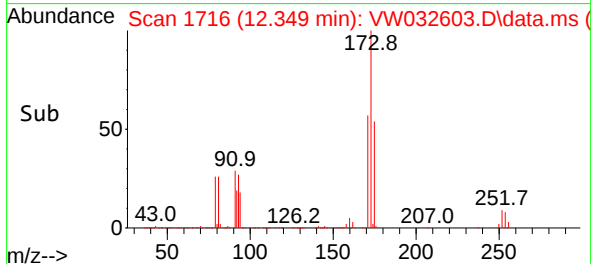
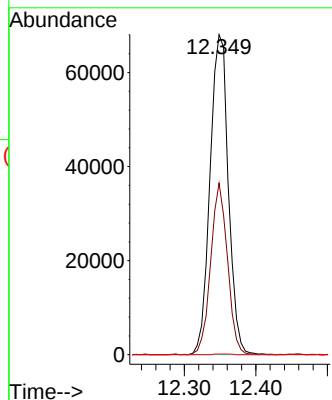
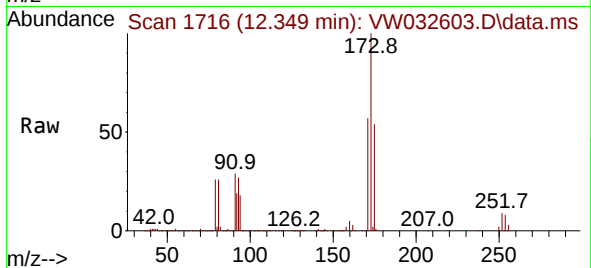
Tgt Ion:173 Resp: 121082

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

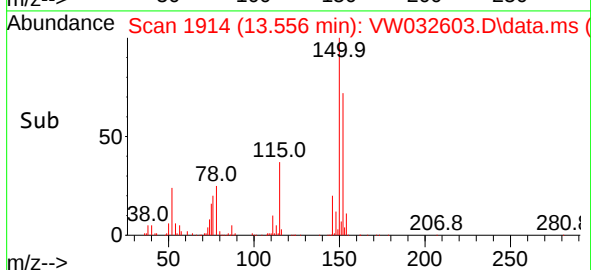
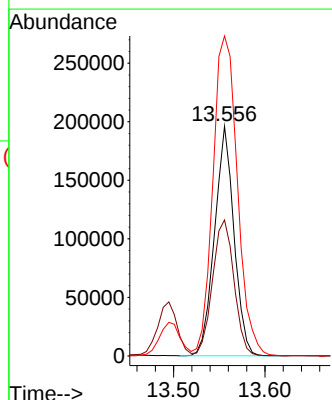
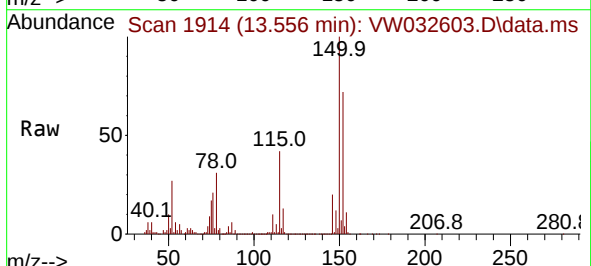
Tgt Ion:152 Resp: 290057

Ion Ratio Lower Upper

152 100

115 65.3 31.1 93.3

150 175.1 0.0 351.2





#73

Isopropylbenzene

Concen: 48.740 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

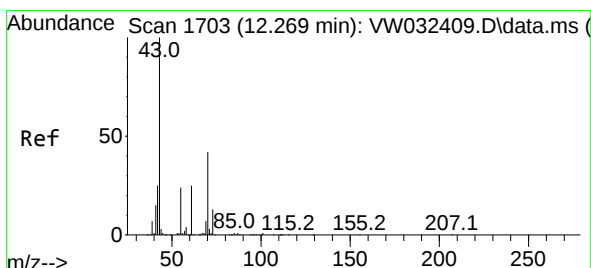
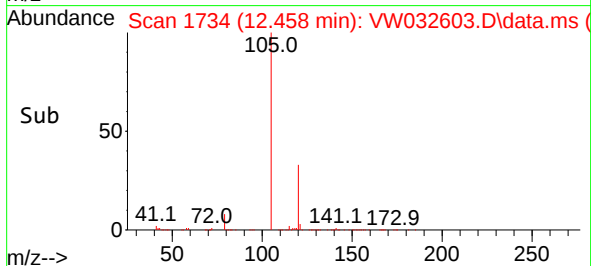
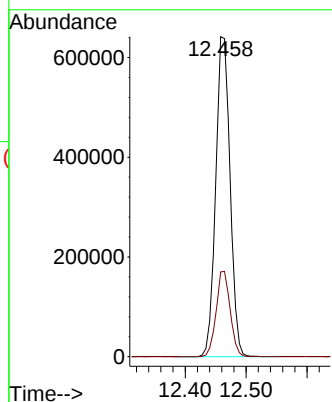
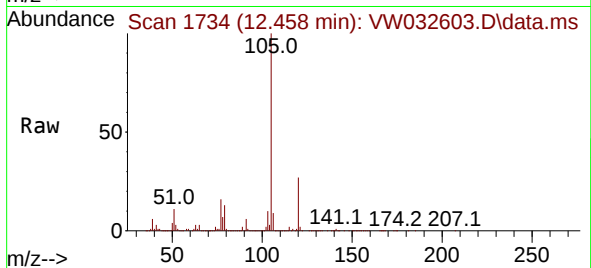
VSTDCCC050EC

Tgt Ion:105 Resp: 1048732

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



#74

N-ethyl acetate

Concen: 52.532 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 374159

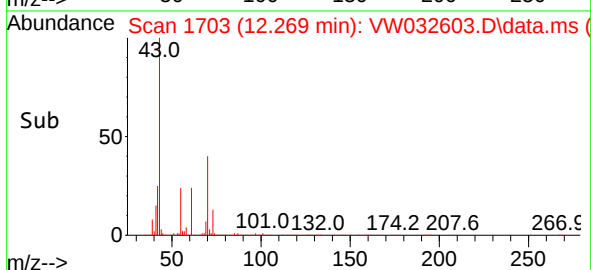
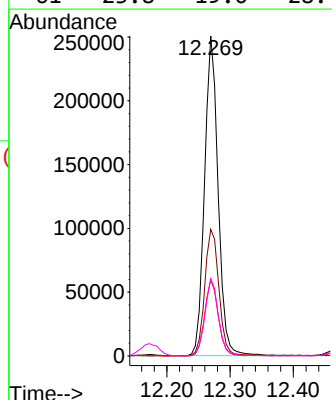
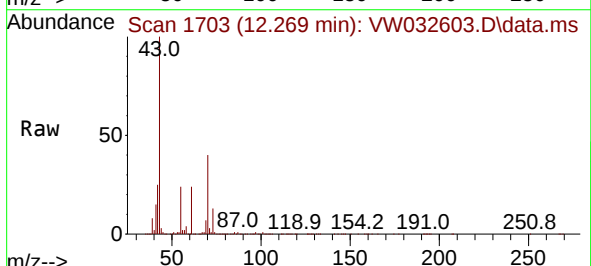
Ion Ratio Lower Upper

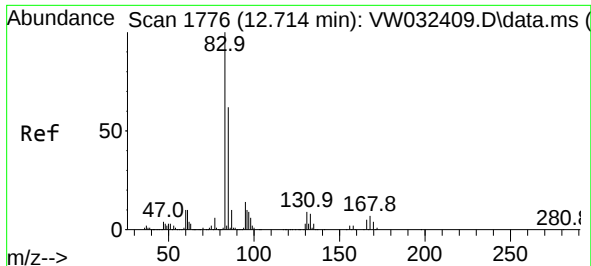
43 100

70 41.7 32.6 48.8

55 24.1 19.7 29.5

61 23.8 19.0 28.4

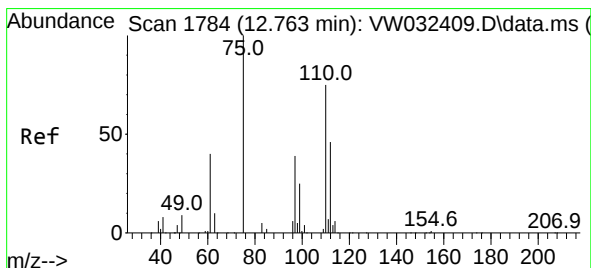
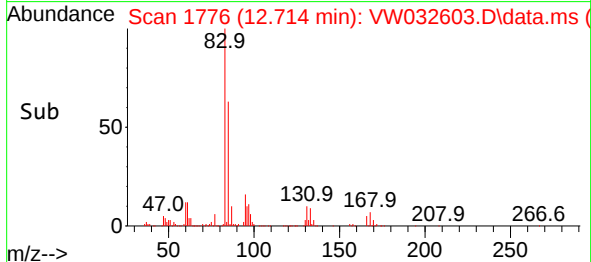
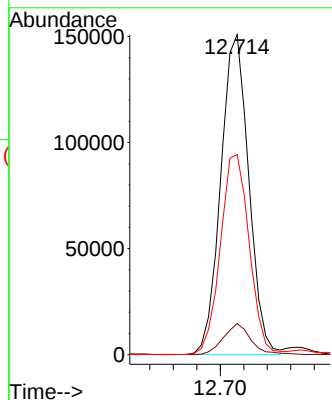
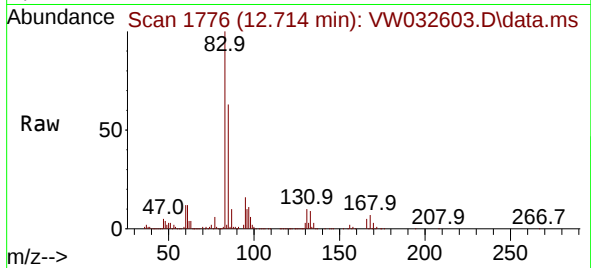




#75
1,1,2,2-Tetrachloroethane
Concen: 49.271 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

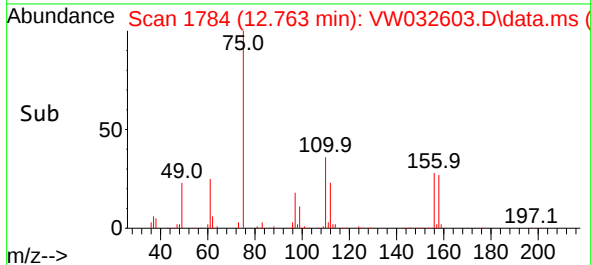
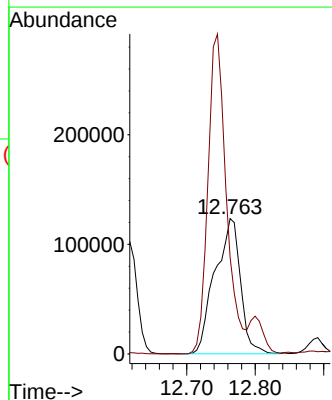
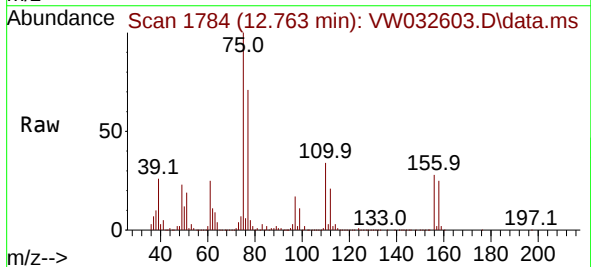
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

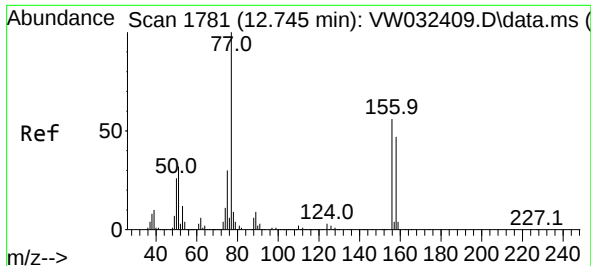
Tgt Ion: 83 Resp: 249562
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.6 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 81.203 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 75 Resp: 318718
Ion Ratio Lower Upper
75 100
77 172.7 148.2 444.4

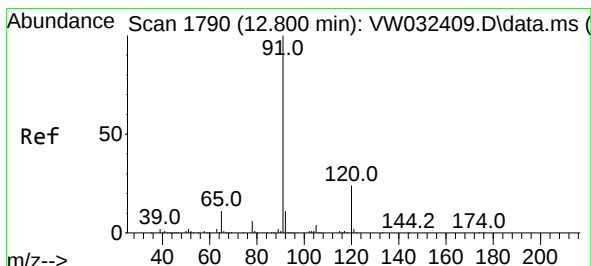
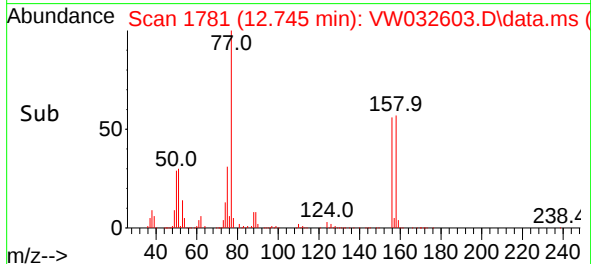
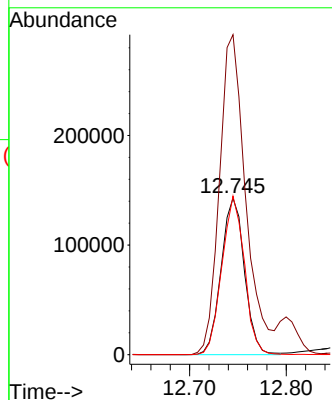
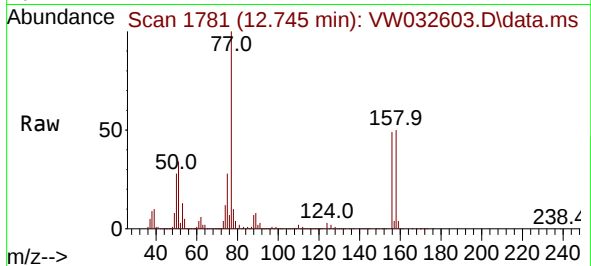




#77
Bromobenzene
Concen: 46.981 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

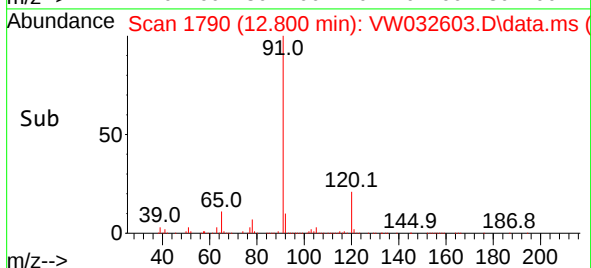
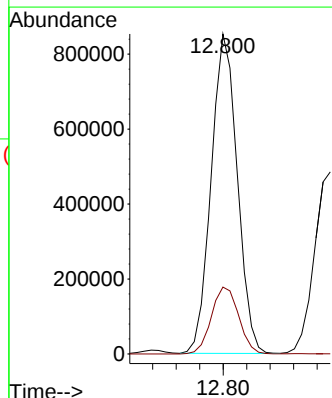
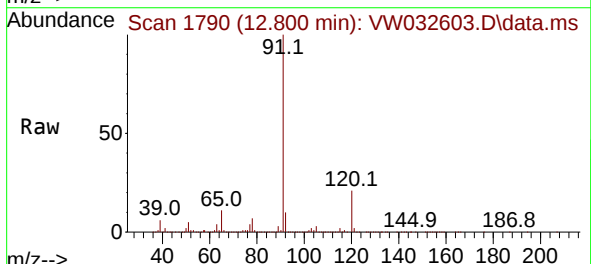
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

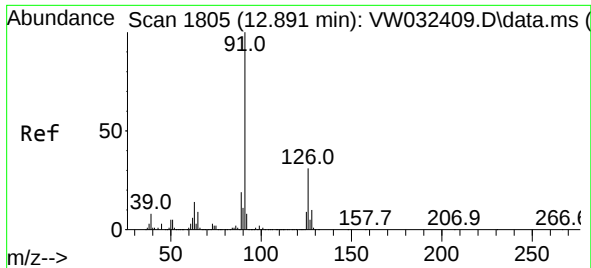
Tgt Ion:156 Resp: 238960
Ion Ratio Lower Upper
156 100
77 230.3 115.9 347.7
158 98.0 50.7 152.1



#78
n-propylbenzene
Concen: 47.966 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 91 Resp: 1316697
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4

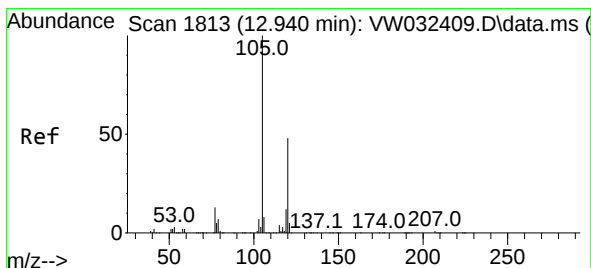
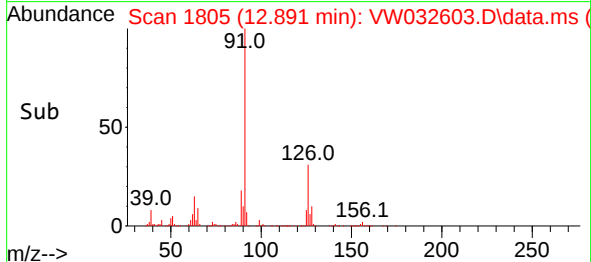
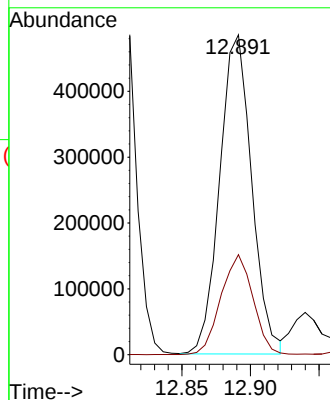
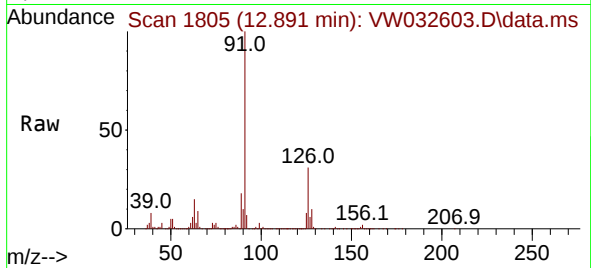




#79
2-Chlorotoluene
Concen: 48.092 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

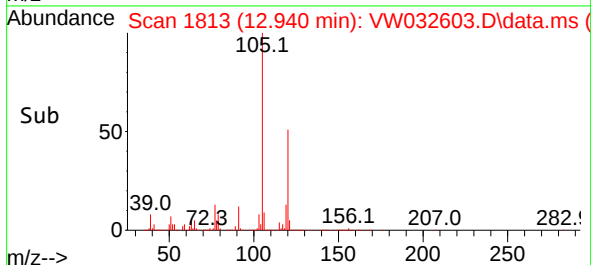
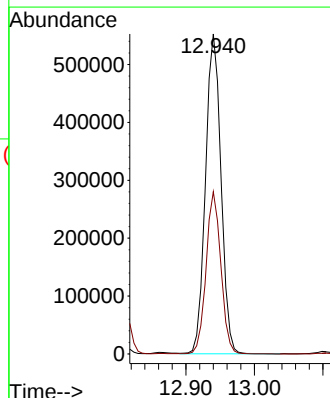
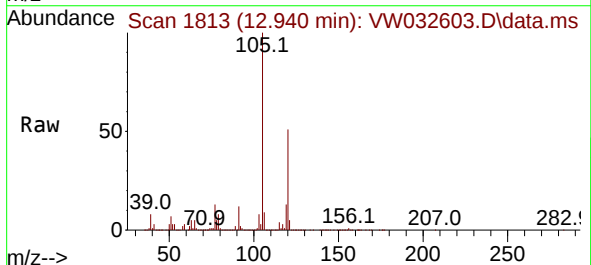
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

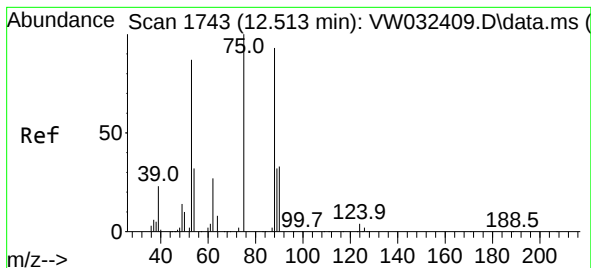
Tgt Ion: 91 Resp: 787112
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 47.289 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 105 Resp: 868193
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4

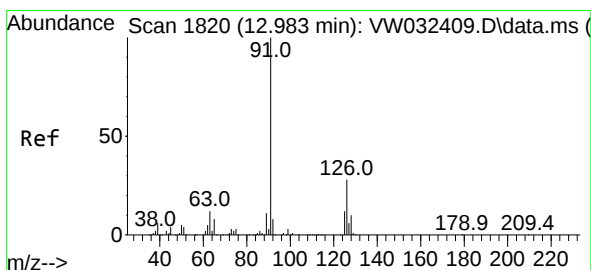
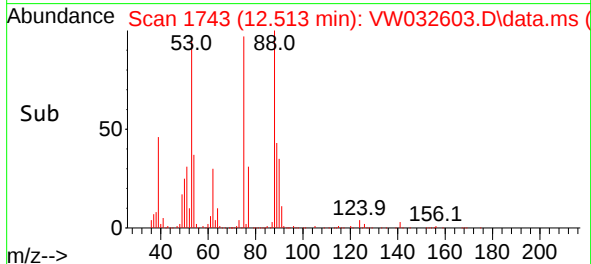
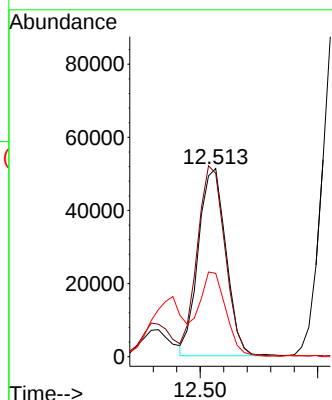
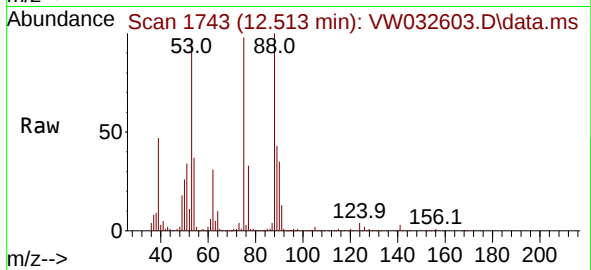




#81
trans-1,4-Dichloro-2-butene
Concen: 50.178 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

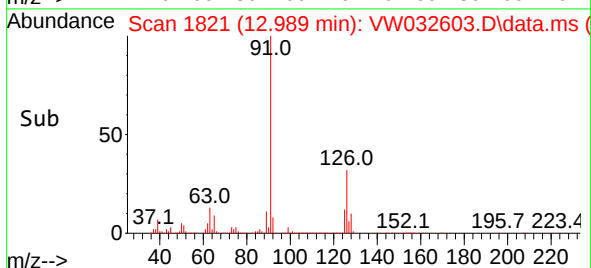
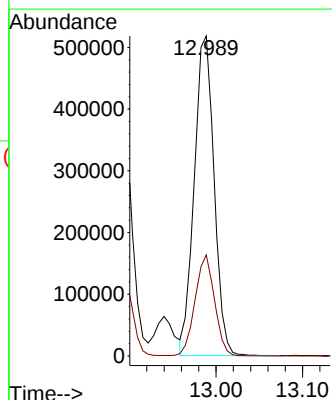
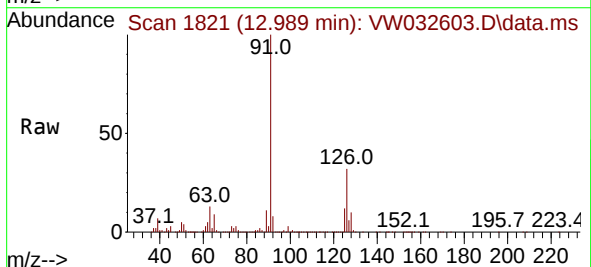
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

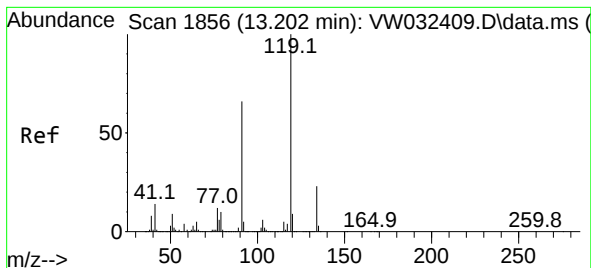
Tgt Ion: 75 Resp: 83735
Ion Ratio Lower Upper
75 100
53 101.9 80.8 121.2
89 44.3 31.4 47.2



#82
4-Chlorotoluene
Concen: 47.078 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 91 Resp: 824052
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

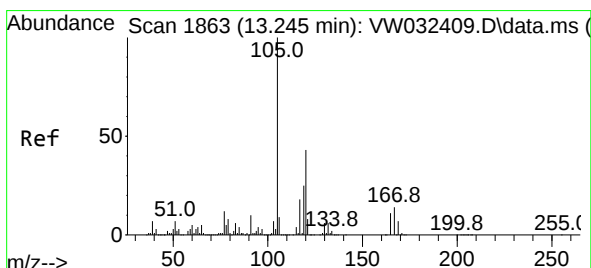
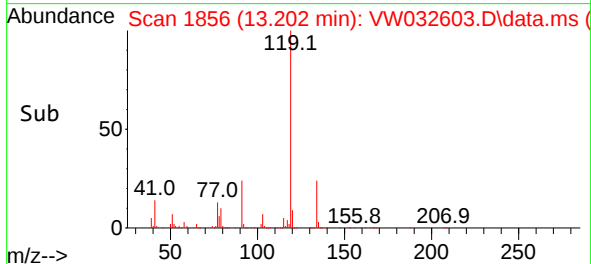
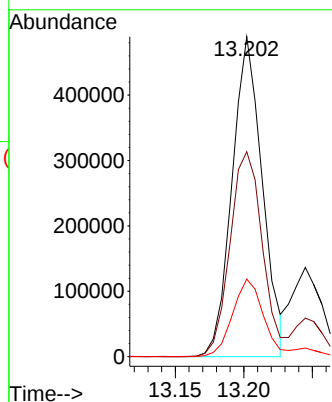
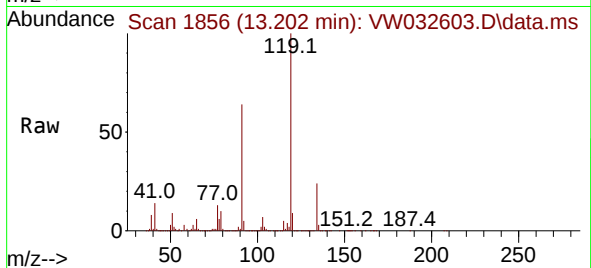




#83
tert-Butylbenzene
Concen: 49.669 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

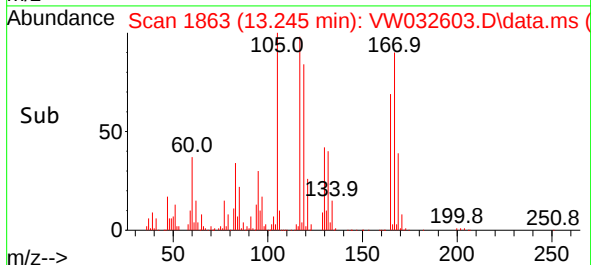
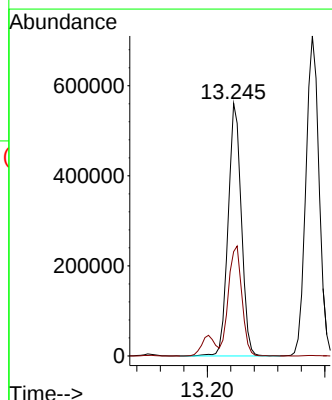
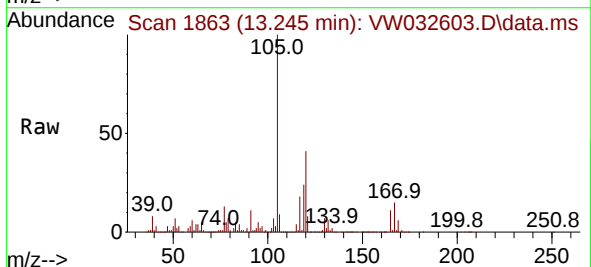
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

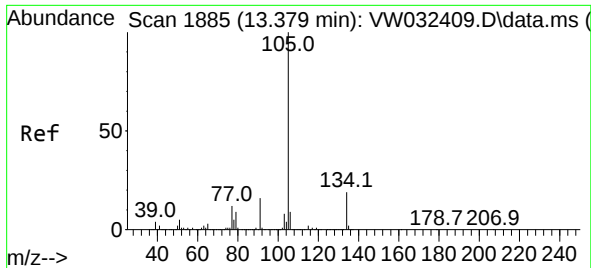
Tgt Ion:119 Resp: 752075
Ion Ratio Lower Upper
119 100
91 69.5 34.6 103.9
134 24.7 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 47.612 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:105 Resp: 873195
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.1

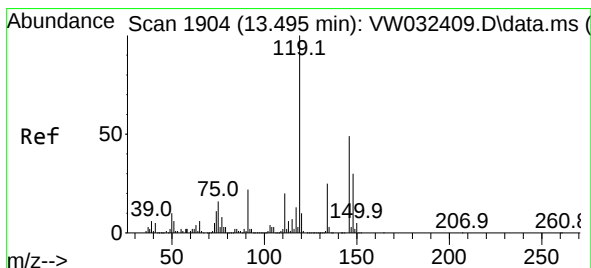
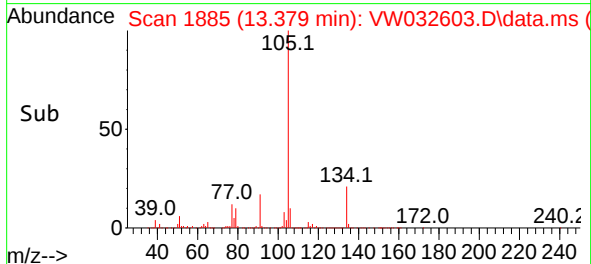
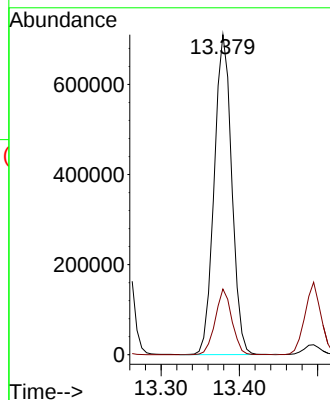
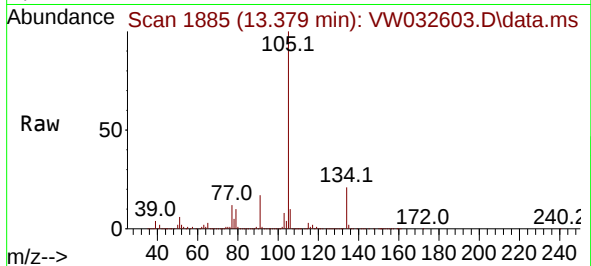




#85
 sec-Butylbenzene
 Concen: 47.307 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

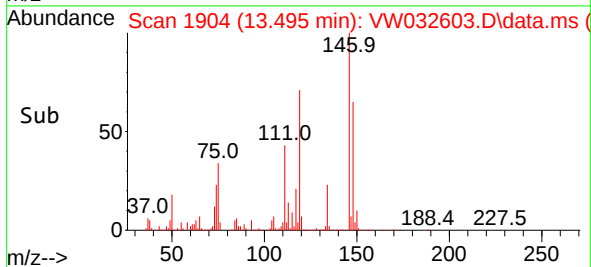
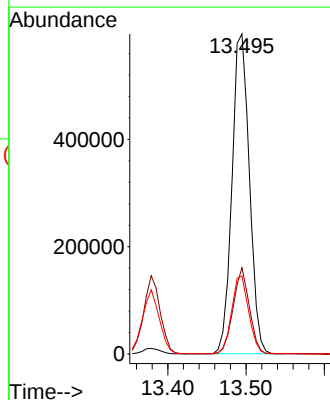
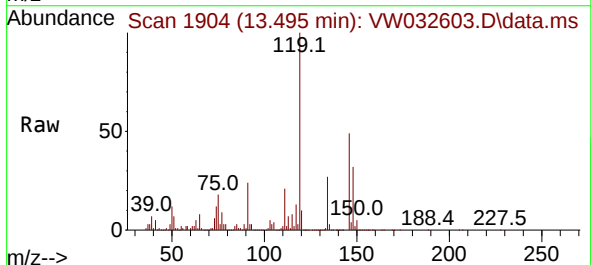
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

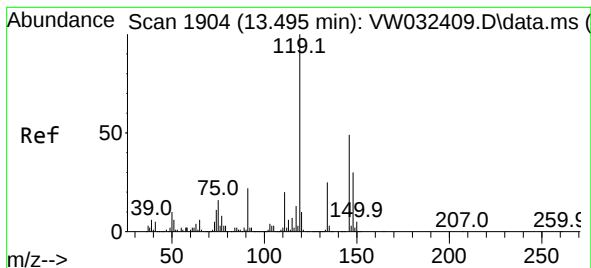
Tgt Ion:105 Resp: 1104825
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 47.814 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032603.D
 Acq: 08 Dec 2025 17:41

Tgt Ion:119 Resp: 919739
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 38.9
 91 23.8 12.3 36.9

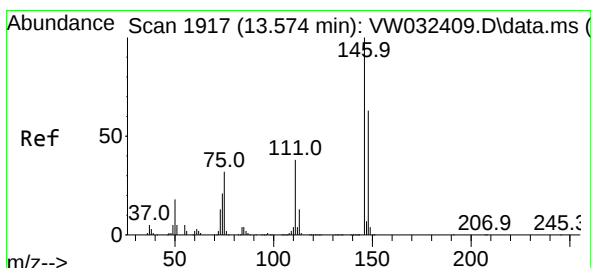
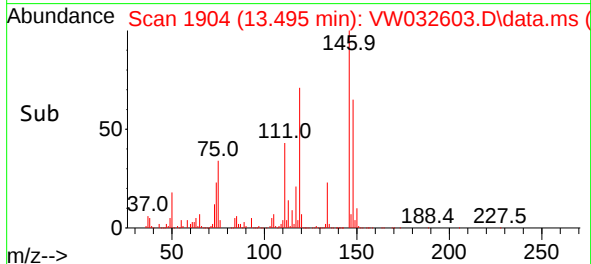
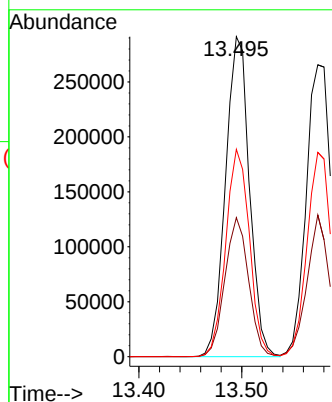
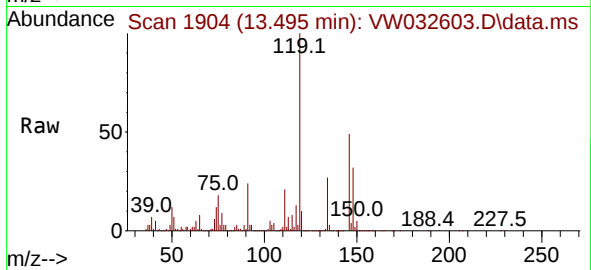




#87
1,3-Dichlorobenzene
Concen: 45.225 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

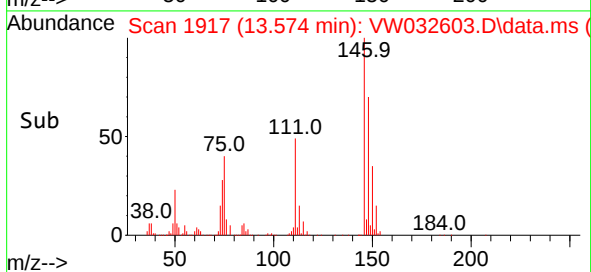
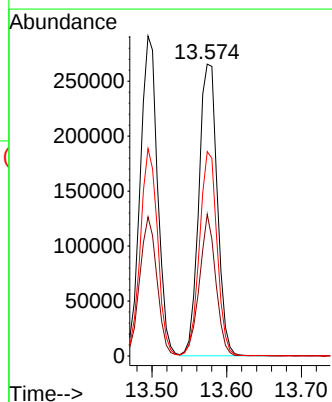
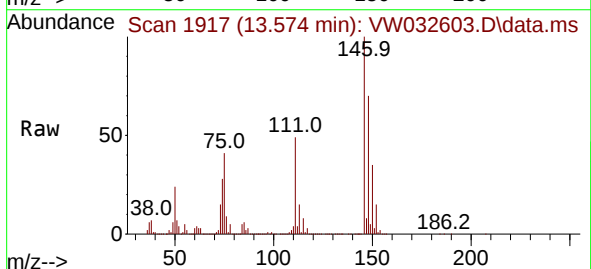
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

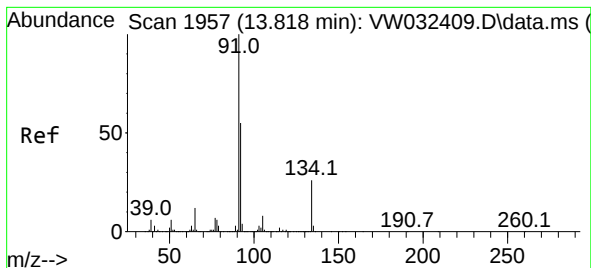
Tgt Ion:146 Resp: 470319
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 64.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 44.090 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032603.D
Acq: 08 Dec 2025 17:41

Tgt Ion:146 Resp: 455104
Ion Ratio Lower Upper
146 100
111 42.8 20.8 62.5
148 66.5 31.4 94.3





#89

n-Butylbenzene

Concen: 46.122 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

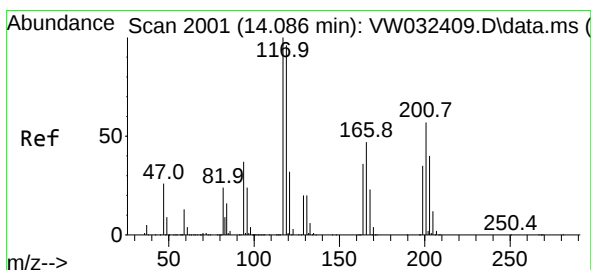
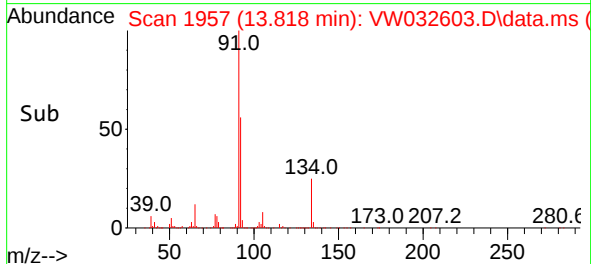
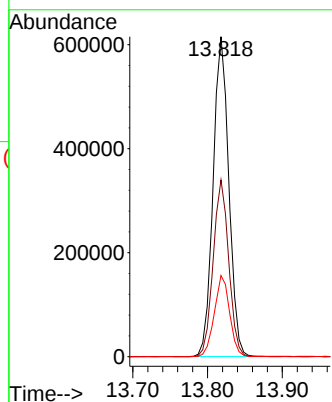
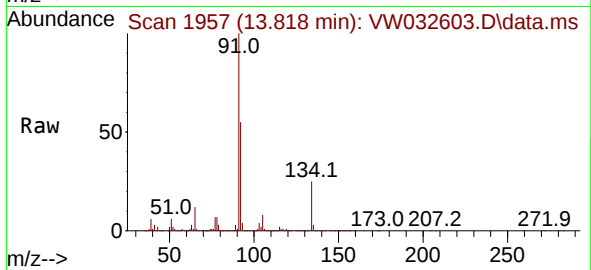
Tgt Ion: 91 Resp: 900959

Ion Ratio Lower Upper

91 100

92 54.7 27.1 81.3

134 24.7 12.4 37.0



#90

Hexachloroethane

Concen: 44.315 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032603.D

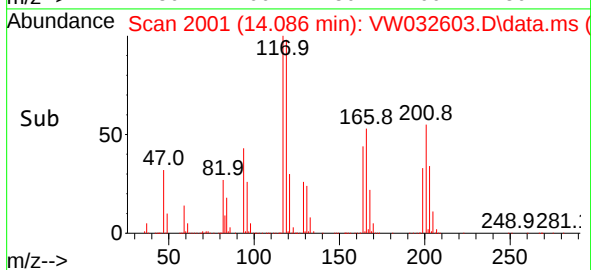
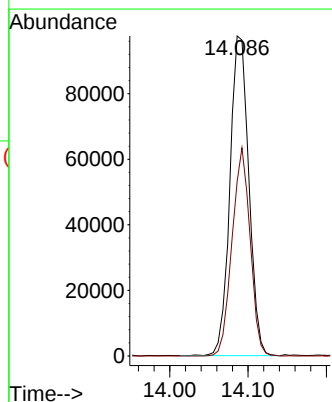
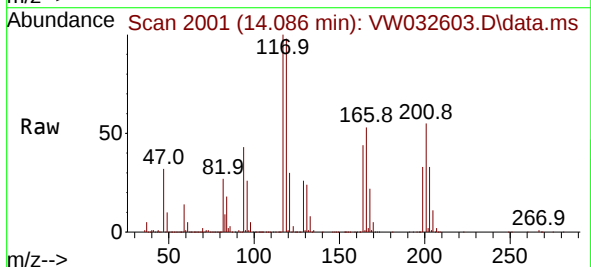
Acq: 08 Dec 2025 17:41

Tgt Ion: 117 Resp: 163259

Ion Ratio Lower Upper

117 100

201 62.1 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 46.546 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

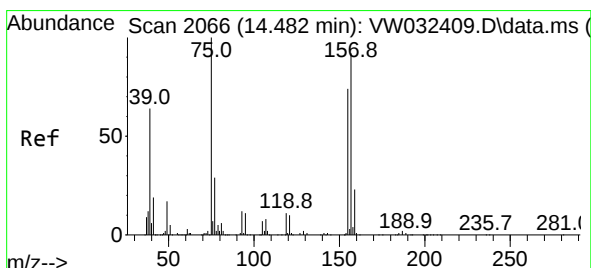
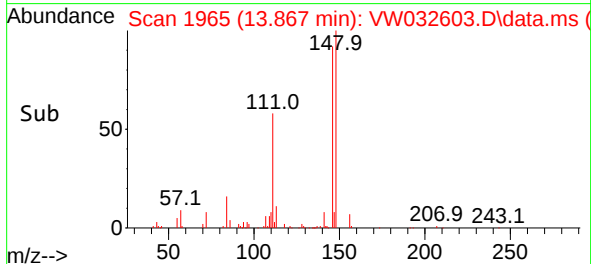
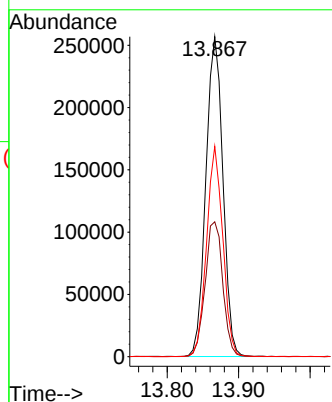
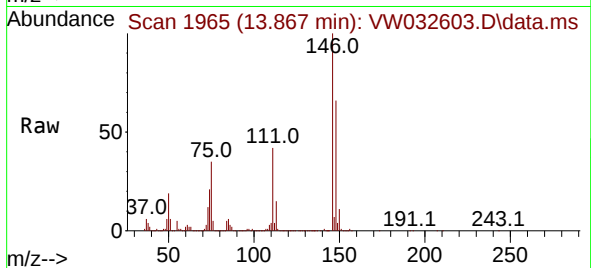
Tgt Ion:146 Resp: 424592

Ion Ratio Lower Upper

146 100

111 43.7 22.8 68.3

148 62.8 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.161 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

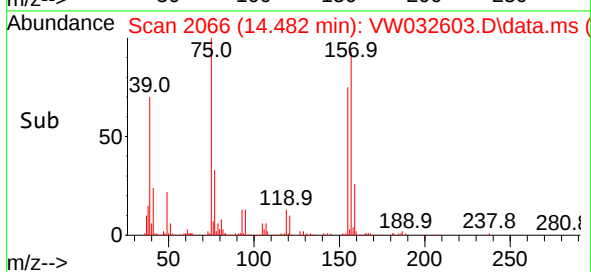
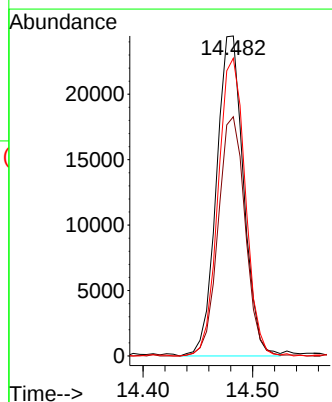
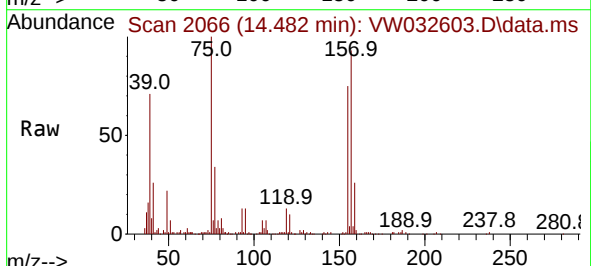
Tgt Ion: 75 Resp: 42060

Ion Ratio Lower Upper

75 100

155 74.7 34.6 103.9

157 92.9 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 48.802 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

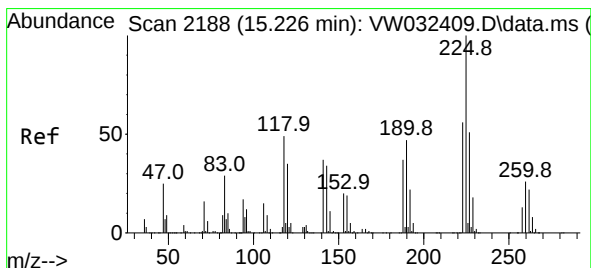
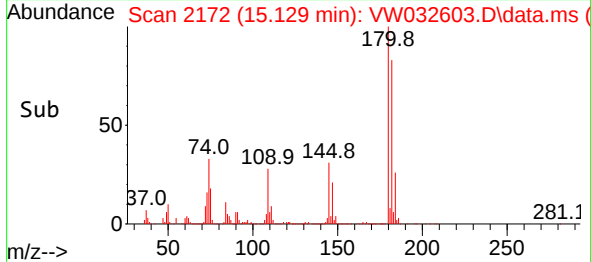
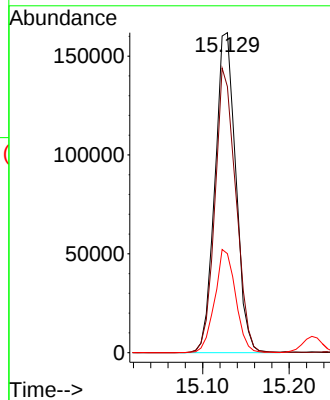
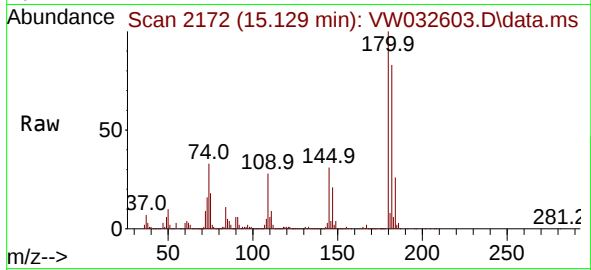
Tgt Ion:180 Resp: 271130

Ion Ratio Lower Upper

180 100

182 89.0 48.1 144.3

145 32.2 17.1 51.3



#94

Hexachlorobutadiene

Concen: 41.937 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

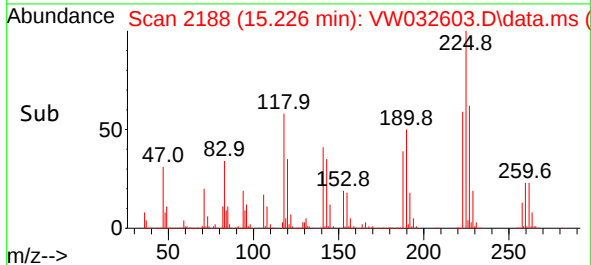
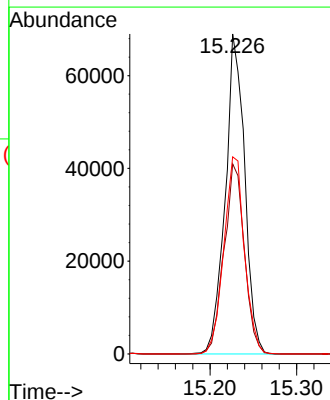
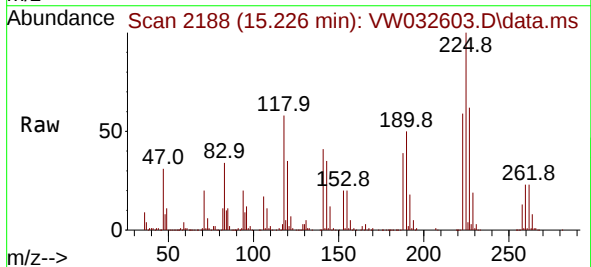
Tgt Ion:225 Resp: 107247

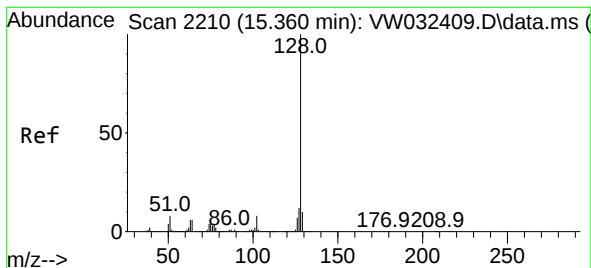
Ion Ratio Lower Upper

225 100

223 62.5 30.3 91.0

227 65.6 30.7 92.1





#95

Naphthalene

Concen: 53.205 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

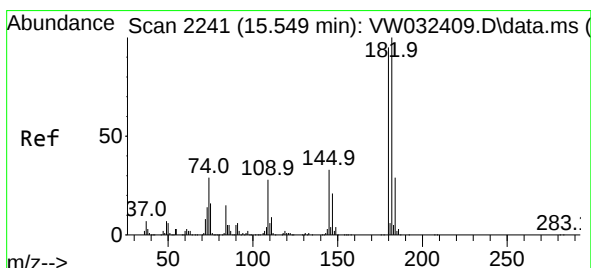
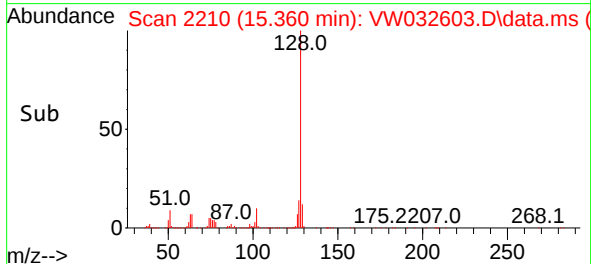
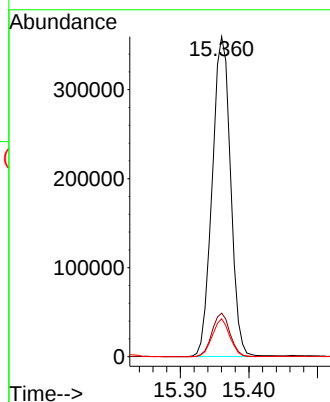
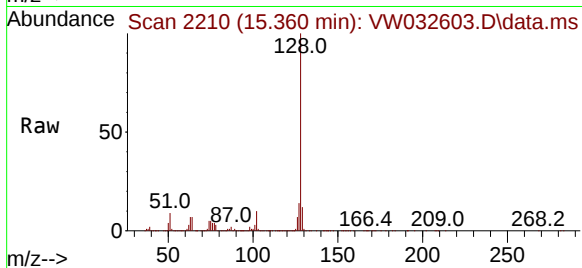
Tgt Ion:128 Resp: 668398

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.349 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032603.D

Acq: 08 Dec 2025 17:41

Tgt Ion:180 Resp: 244030

Ion Ratio Lower Upper

180 100

182 87.5 48.0 144.2

145 35.2 17.8 53.4

