

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031971.D
 Acq On : 01 Aug 2025 08:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 23:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	217356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163285	49.660	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.320%
35) Dibromofluoromethane	7.904	113	141994	53.665	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	107.340%
50) Toluene-d8	10.325	98	525585	52.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.617	95	192848	50.153	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	92251	57.106	ug/l	99
3) Chloromethane	2.259	50	119494	57.631	ug/l	98
4) Vinyl Chloride	2.405	62	137124	50.910	ug/l	99
5) Bromomethane	2.826	94	109184	55.049	ug/l	93
6) Chloroethane	2.972	64	97210	54.684	ug/l	99
7) Trichlorofluoromethane	3.301	101	120885	44.312	ug/l	100
8) Diethyl Ether	3.716	74	94479	51.846	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	140125	53.402	ug/l	99
10) Methyl Iodide	4.307	142	201927	51.469	ug/l	99
11) Tert butyl alcohol	5.216	59	55767	288.537	ug/l	100
12) 1,1-Dichloroethene	4.076	96	157964	54.504	ug/l	95
13) Acrolein	3.923	56	18148	59.978	ug/l	95
14) Allyl chloride	4.697	41	225292	49.935	ug/l	99
15) Acrylonitrile	5.399	53	228118	279.999	ug/l	98
16) Acetone	4.155	43	218857	280.500	ug/l	96
17) Carbon Disulfide	4.417	76	416159	55.366	ug/l	100
18) Methyl Acetate	4.704	43	128723	59.882	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	264118	52.743	ug/l	99
20) Methylene Chloride	4.954	84	165975	49.711	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	165370	53.778	ug/l	94
22) Diisopropyl ether	6.337	45	474322	52.539	ug/l	98
23) Vinyl Acetate	6.283	43	1593764	270.216	ug/l	100
24) 1,1-Dichloroethane	6.234	63	300526	53.466	ug/l	99
25) 2-Butanone	7.191	43	299837	280.867	ug/l	96
26) 2,2-Dichloropropane	7.185	77	155538	48.877	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	193871	53.628	ug/l	100
28) Bromochloromethane	7.532	49	108992	46.312	ug/l	97
29) Tetrahydrofuran	7.551	42	198834	284.086	ug/l	99
30) Chloroform	7.685	83	321556	54.561	ug/l	97
31) Cyclohexane	7.971	56	248855	49.349	ug/l	100
32) 1,1,1-Trichloroethane	7.880	97	235576	52.529	ug/l	98
36) 1,1-Dichloropropene	8.093	75	223048	54.892	ug/l	99
37) Ethyl Acetate	7.270	43	127679	55.082	ug/l	98
38) Carbon Tetrachloride	8.075	117	218047	55.914	ug/l	97
39) Methylcyclohexane	9.343	83	275493	53.874	ug/l	96
40) Benzene	8.331	78	668793	55.601	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	75577	54.466	ug/l	95
42) 1,2-Dichloroethane	8.410	62	215940	56.094	ug/l	99
43) Isopropyl Acetate	8.435	43	235025	56.007	ug/l	99
44) Trichloroethene	9.099	130	156276	54.659	ug/l	98
45) 1,2-Dichloropropane	9.373	63	161580	55.778	ug/l	99
46) Dibromomethane	9.465	93	101513	56.530	ug/l	99
47) Bromodichloromethane	9.648	83	247561	57.492	ug/l	95
48) Methyl methacrylate	9.441	41	114501	57.353	ug/l	99
49) 1,4-Dioxane	9.459	88	27240	1520.227	ug/l	96
51) 4-Methyl-2-Pentanone	10.209	43	676661	294.645	ug/l	99
52) Toluene	10.392	92	441658	57.118	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	230434	55.788	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	264955	56.169	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	136947	57.413	ug/l	91
56) Ethyl methacrylate	10.648	69	196180	58.234	ug/l	99
57) 1,3-Dichloropropane	10.934	76	239932	57.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	434358	251.017	ug/l	99
59) 2-Hexanone	10.971	43	468449	293.457	ug/l	99
60) Dibromochloromethane	11.129	129	163216	58.688	ug/l	97
61) 1,2-Dibromoethane	11.233	107	132321	56.140	ug/l	99
64) Tetrachloroethene	10.861	164	120637	51.855	ug/l	93
65) Chlorobenzene	11.654	112	461052	53.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	154000	57.521	ug/l	96
67) Ethyl Benzene	11.727	91	835941	55.092	ug/l	98
68) m/p-Xylenes	11.836	106	629273	110.164	ug/l	99
69) o-Xylene	12.166	106	300812	55.646	ug/l	100
70) Styrene	12.178	104	524997	57.041	ug/l	98
71) Bromoform	12.349	173	88226	60.255	ug/l #	98
73) Isopropylbenzene	12.464	105	775034	53.083	ug/l	98
74) N-amyl acetate	12.269	43	214488	54.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	171707	55.405	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	216530	93.201	ug/l #	100
77) Bromobenzene	12.745	156	174785	55.328	ug/l	93
78) n-propylbenzene	12.800	91	936246	52.211	ug/l	99
79) 2-Chlorotoluene	12.891	91	560072	52.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	645113	52.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	55549	55.201	ug/l	98
82) 4-Chlorotoluene	12.983	91	589037	52.442	ug/l	100
83) tert-Butylbenzene	13.202	119	561026	53.787	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	658001	53.090	ug/l	100
85) sec-Butylbenzene	13.379	105	803827	51.317	ug/l	97
86) p-Isopropyltoluene	13.495	119	685162	52.921	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	344427	52.377	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	337723	52.427	ug/l	99
89) n-Butylbenzene	13.818	91	663246	52.221	ug/l	99
90) Hexachloroethane	14.086	117	121255	54.161	ug/l	94
91) 1,2-Dichlorobenzene	13.860	146	304656	52.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30765	54.947	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	187220	53.269	ug/l	92
94) Hexachlorobutadiene	15.226	225	85665	51.438	ug/l	95
95) Naphthalene	15.360	128	476978	55.201	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	170625	53.582	ug/l	99

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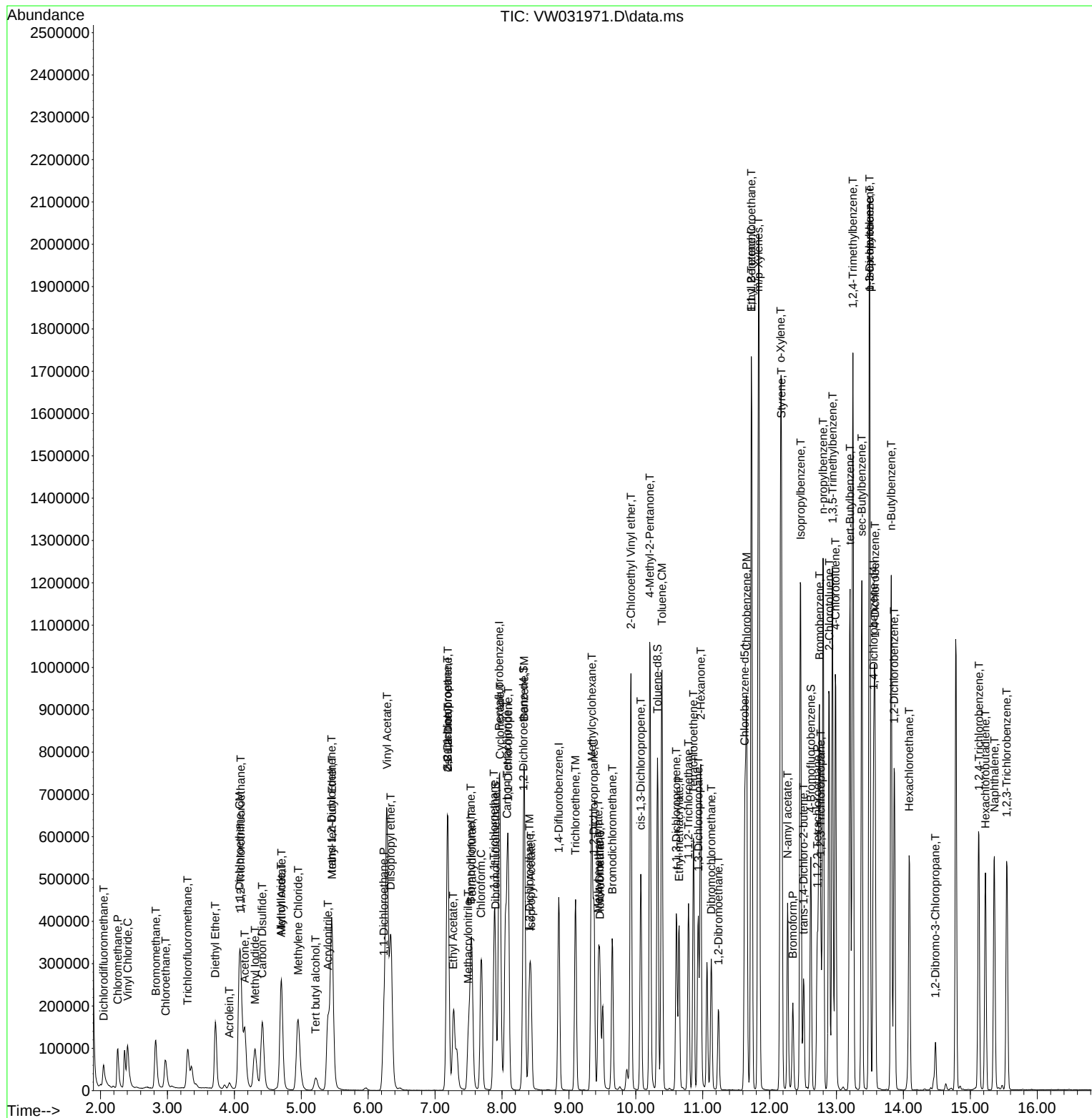
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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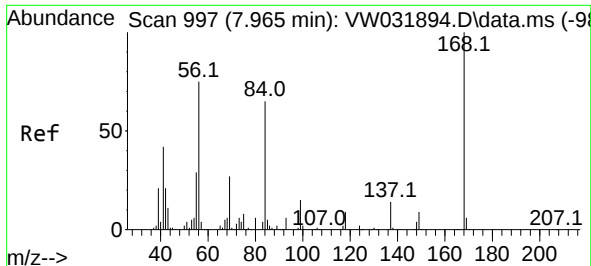
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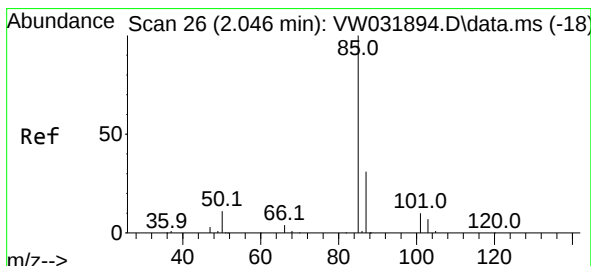
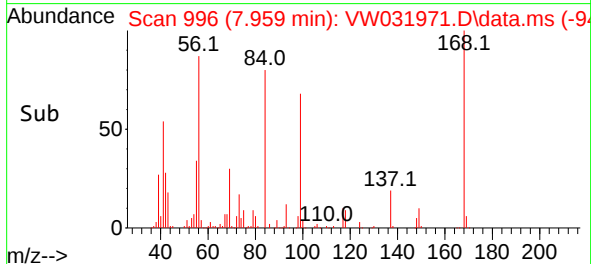
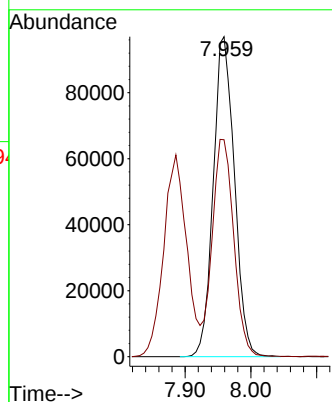
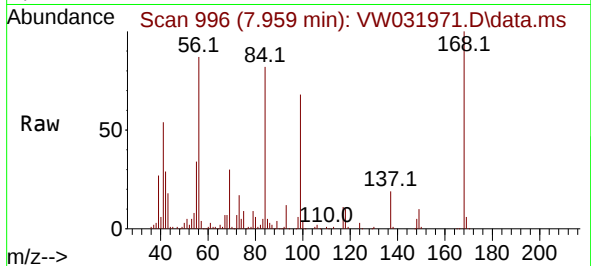




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031971.D
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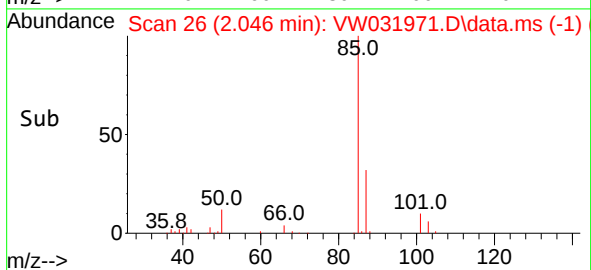
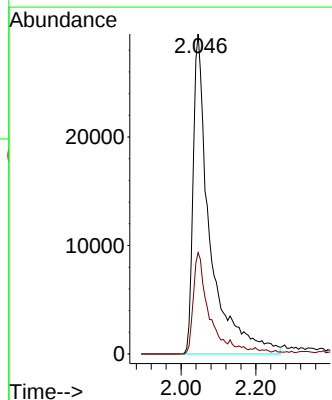
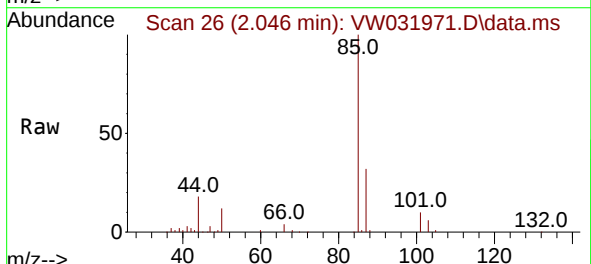
Instrument :
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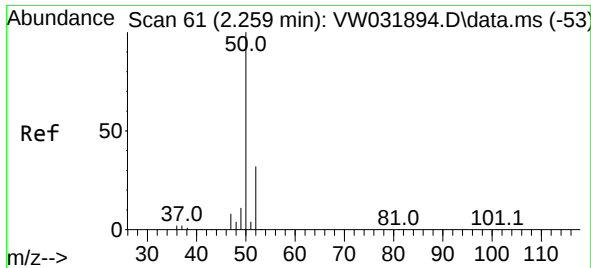
Tgt Ion:168 Resp: 217356
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 57.106 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 85 Resp: 92251
Ion Ratio Lower Upper
85 100
87 31.6 15.5 46.5

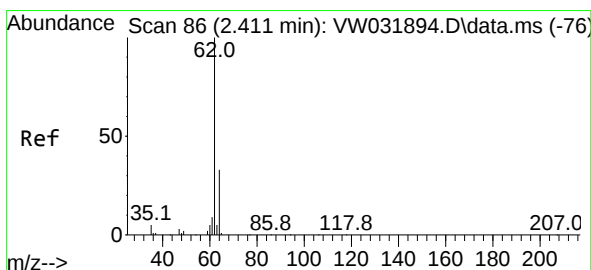
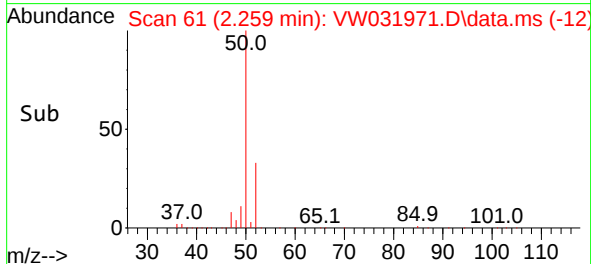
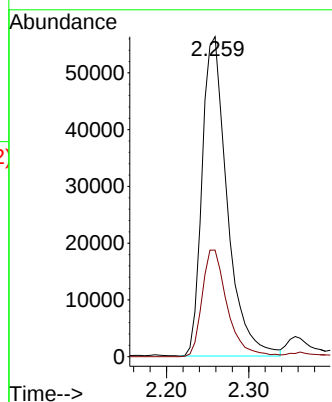
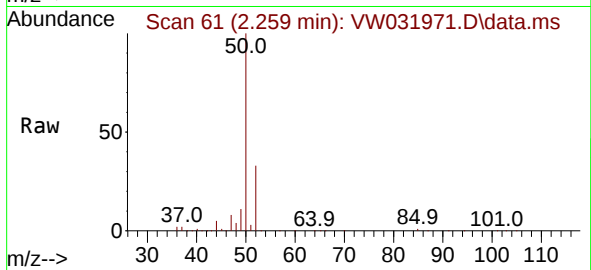




#3
Chloromethane
Concen: 57.631 ug/l
RT: 2.259 min Scan# 61
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

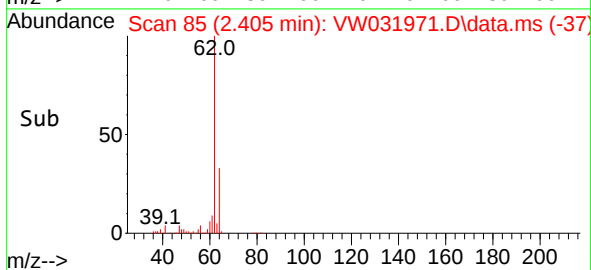
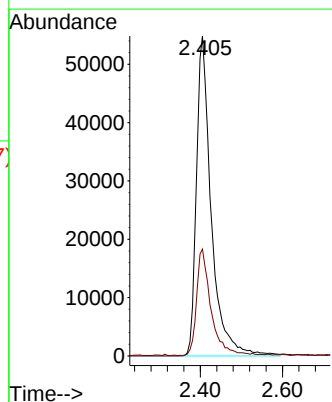
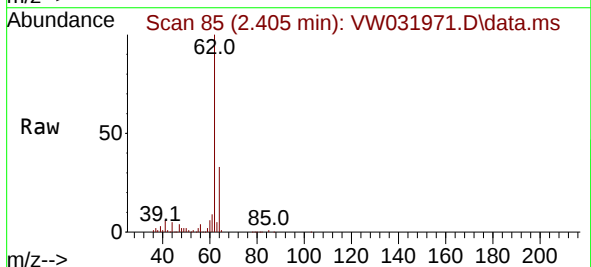
Instrument :
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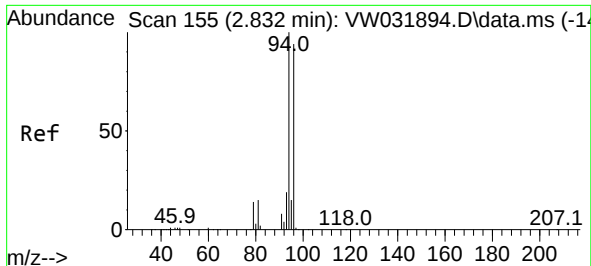
Tgt Ion: 50 Resp: 119494
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 50.910 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 62 Resp: 137124
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

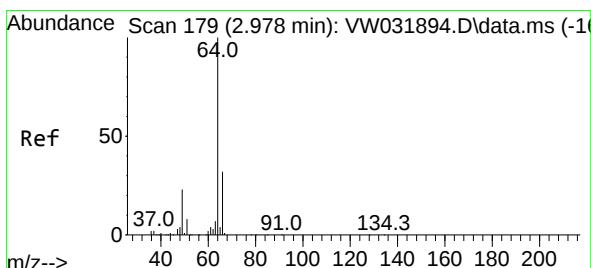
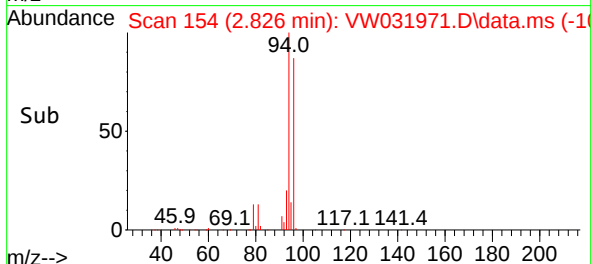
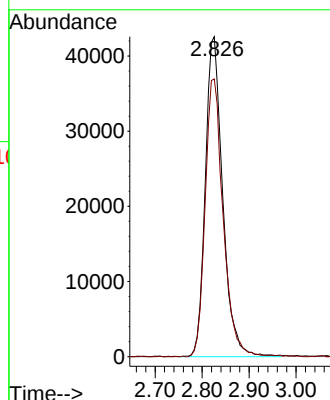
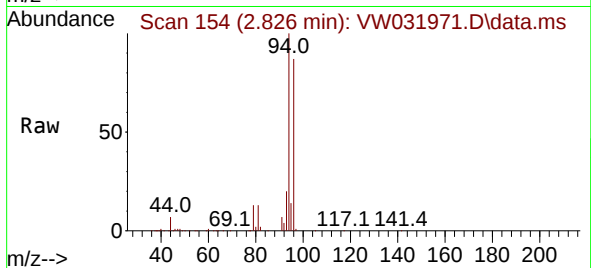




#5
Bromomethane
Concen: 55.049 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031971.D
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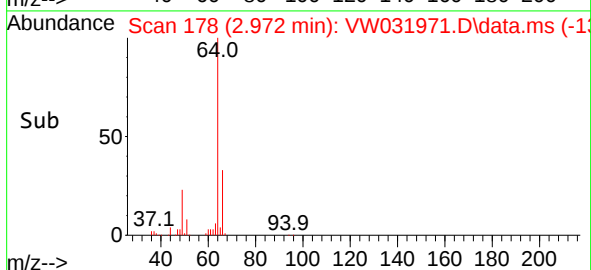
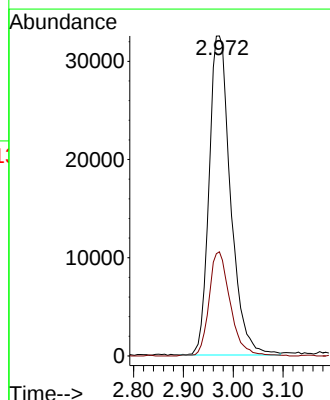
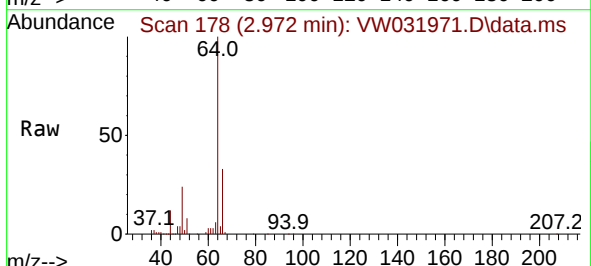
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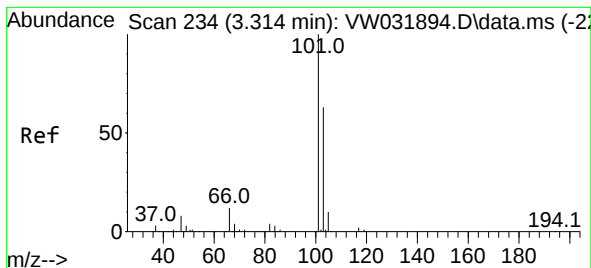
Tgt Ion: 94 Resp: 109184
Ion Ratio Lower Upper
94 100
96 86.8 75.0 112.6



#6
Chloroethane
Concen: 54.684 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031971.D
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Tgt Ion: 64 Resp: 97210
Ion Ratio Lower Upper
64 100
66 32.4 25.6 38.4





#7

Trichlorofluoromethane

Concen: 44.312 ug/l

RT: 3.301 min Scan# 21

Delta R.T. -0.012 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

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ClientSampleId :

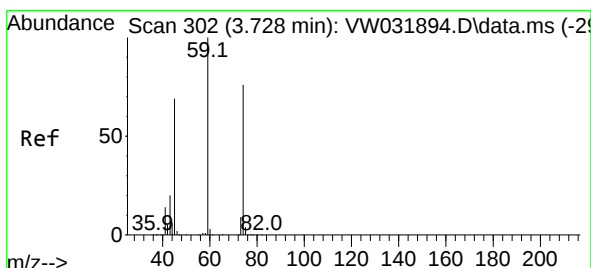
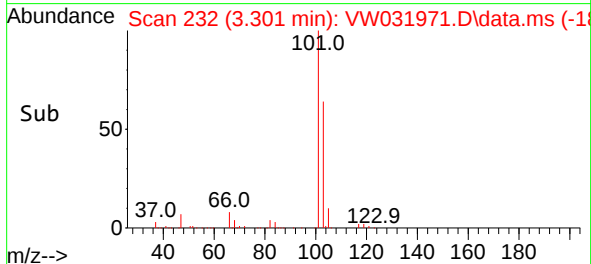
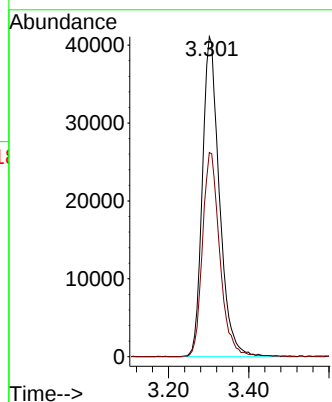
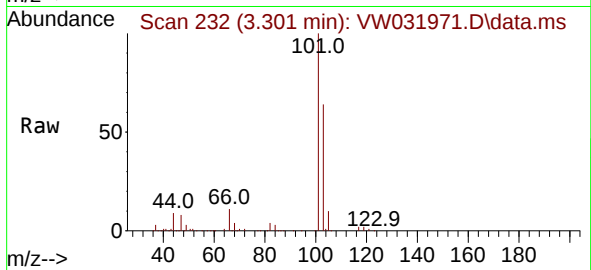
VSTDCCC050

Tgt Ion:101 Resp: 120885

Ion Ratio Lower Upper

101 100

103 63.8 50.7 76.1



#8

Diethyl Ether

Concen: 51.846 ug/l

RT: 3.716 min Scan# 300

Delta R.T. -0.012 min

Lab File: VW031971.D

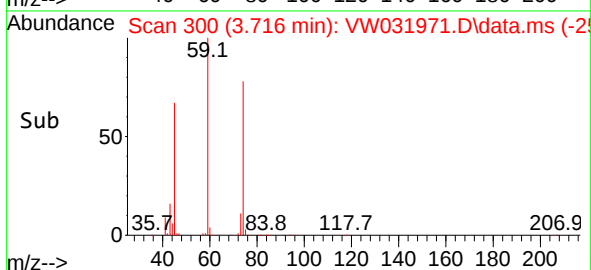
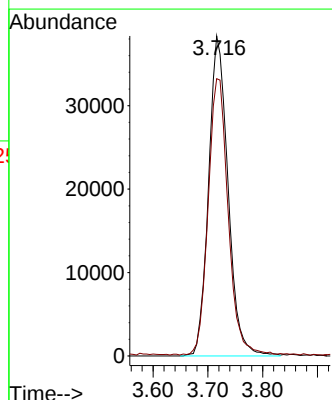
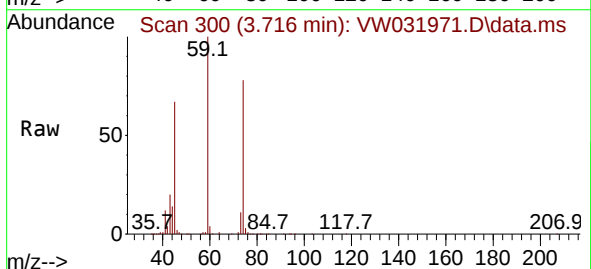
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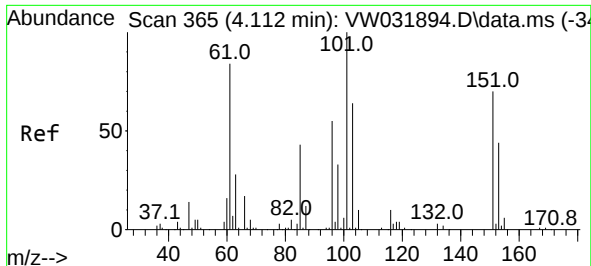
Tgt Ion: 74 Resp: 94479

Ion Ratio Lower Upper

74 100

45 88.7 45.5 136.5

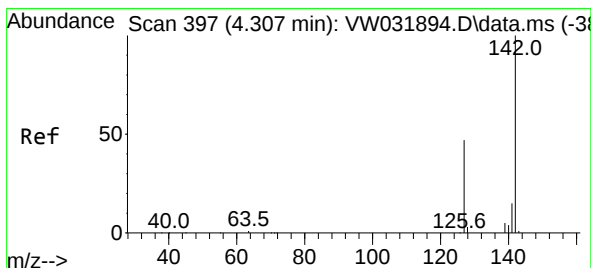
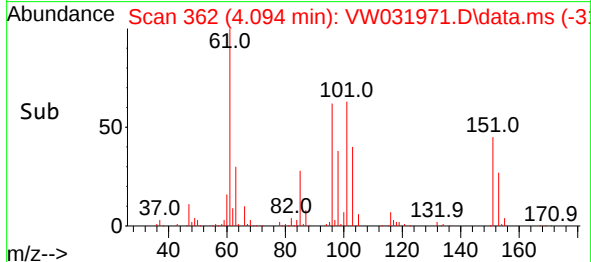
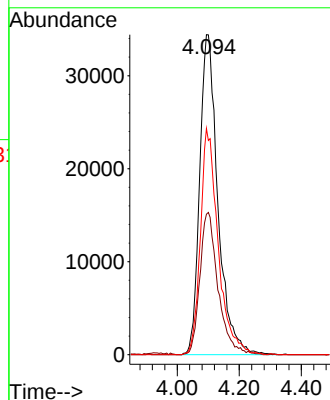
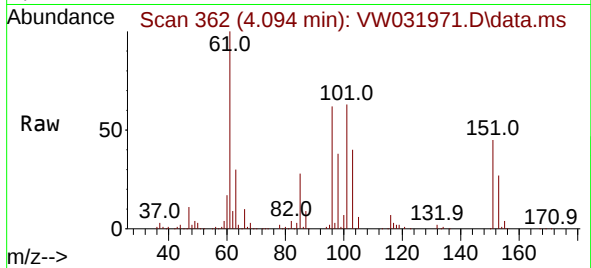




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.402 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.018 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

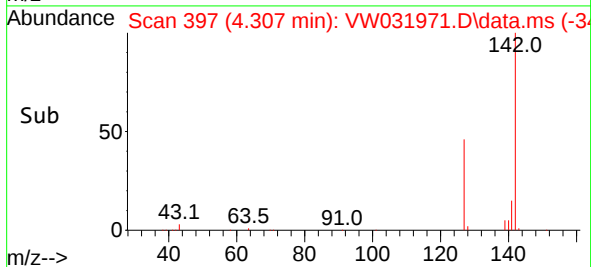
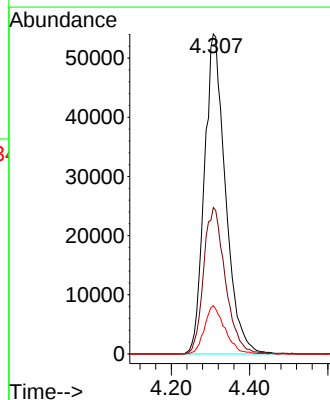
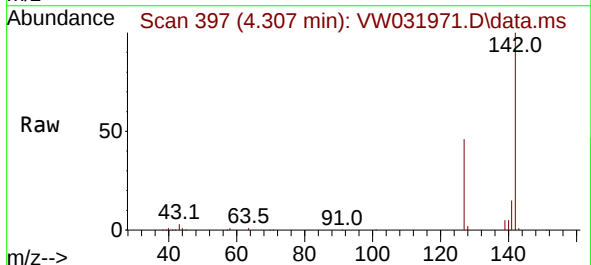
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

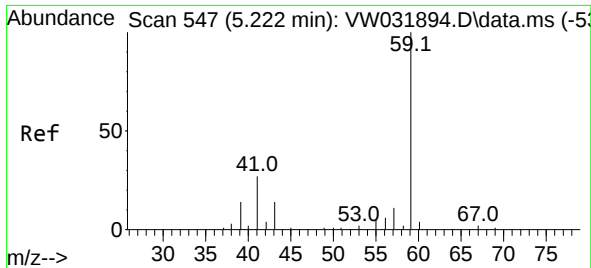
Tgt Ion:101 Resp: 140125
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 69.0 54.6 81.8



#10
Methyl Iodide
Concen: 51.469 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:142 Resp: 201927
Ion Ratio Lower Upper
142 100
127 47.2 37.4 56.2
141 14.7 11.9 17.9

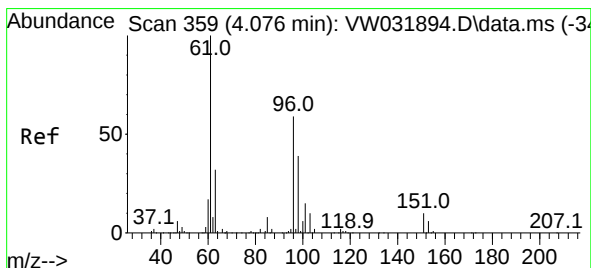
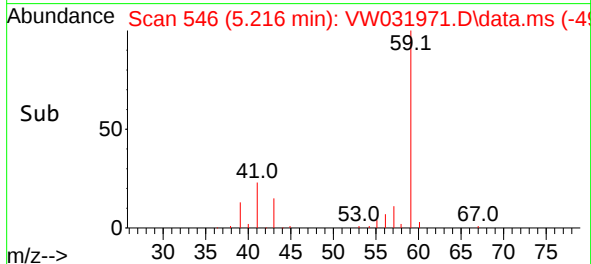
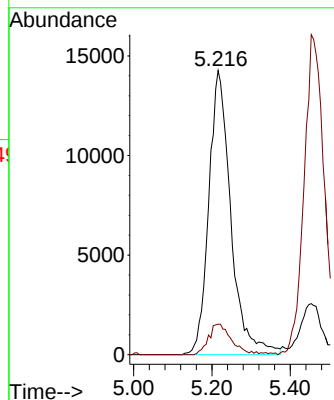
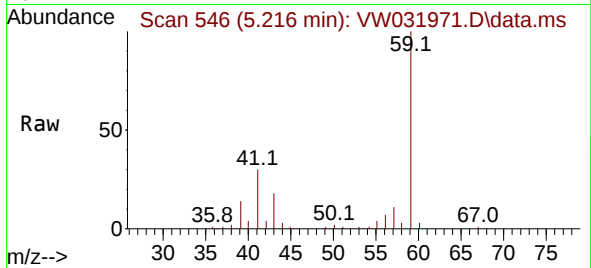




#11
Tert butyl alcohol
Concen: 288.537 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

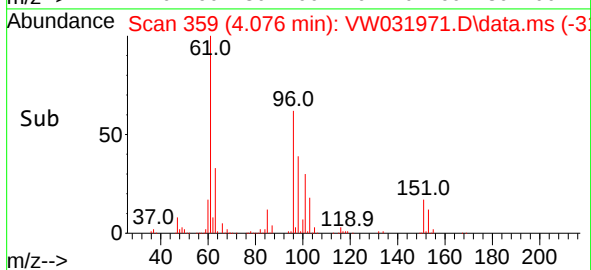
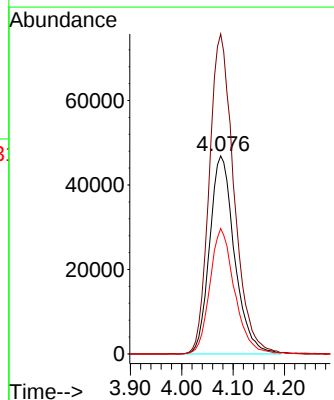
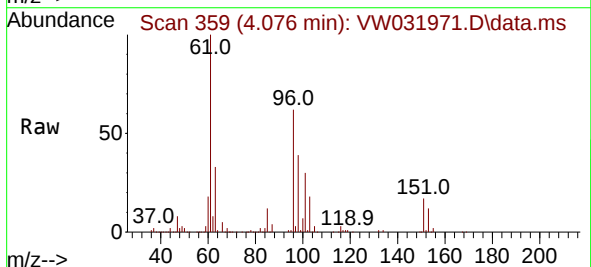
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 55767
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.504 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 96 Resp: 157964
Ion Ratio Lower Upper
96 100
61 161.5 135.0 202.6
98 63.3 52.3 78.5

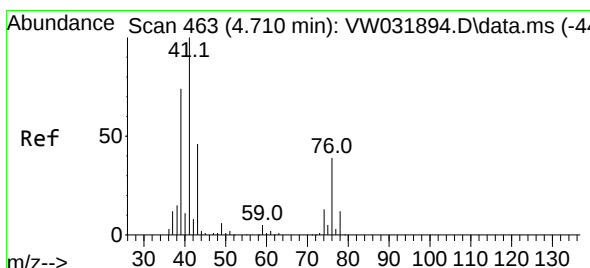
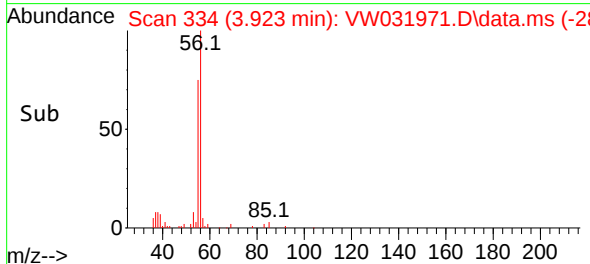
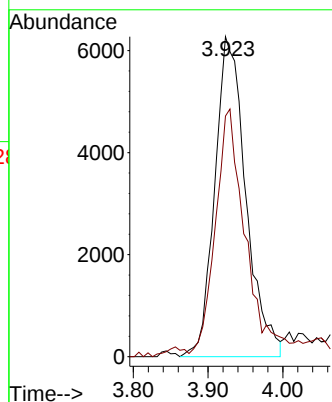
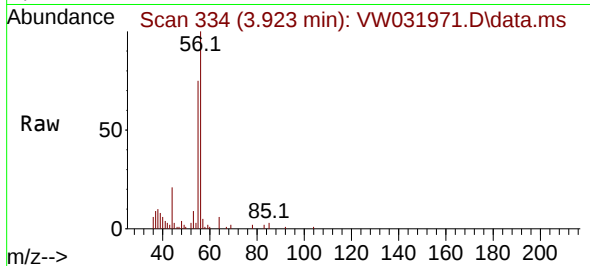




#13
Acrolein
Concen: 59.978 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

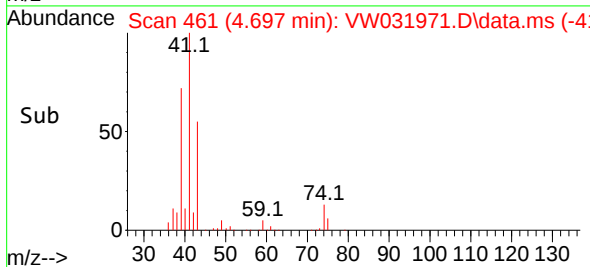
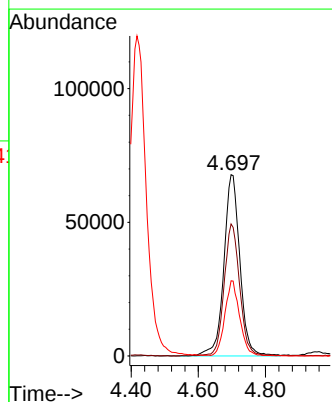
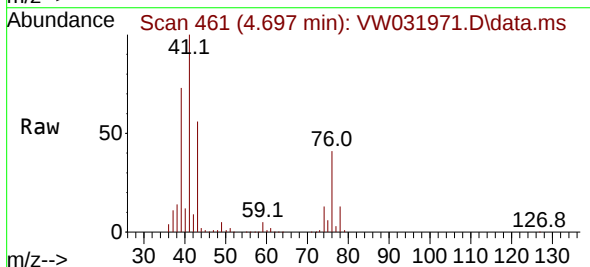
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

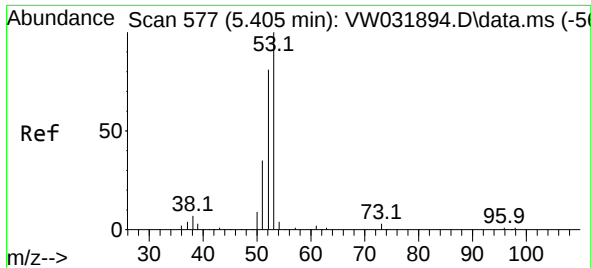
Tgt Ion: 56 Resp: 18148
Ion Ratio Lower Upper
56 100
55 74.6 56.7 85.1



#14
Allyl chloride
Concen: 49.935 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 41 Resp: 225292
Ion Ratio Lower Upper
41 100
39 69.9 56.6 85.0
76 37.9 30.1 45.1

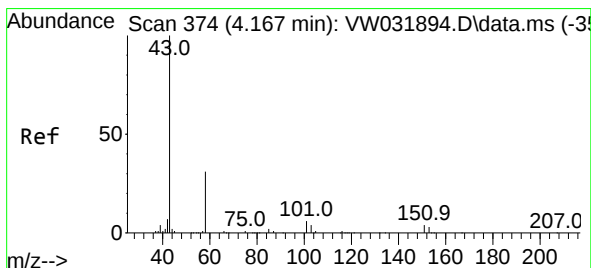
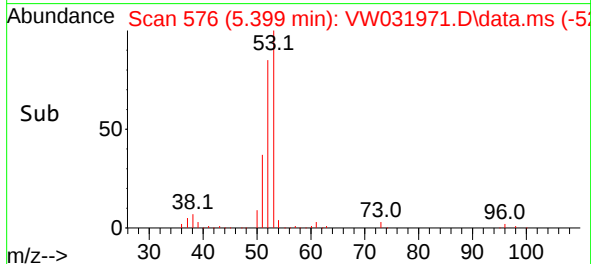
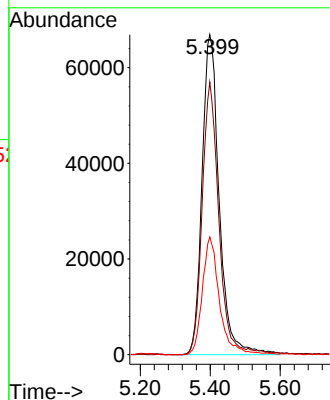
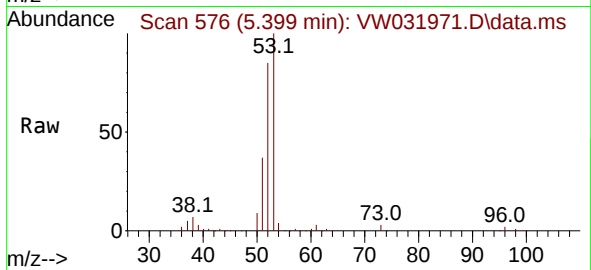




#15
Acrylonitrile
Concen: 279.999 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

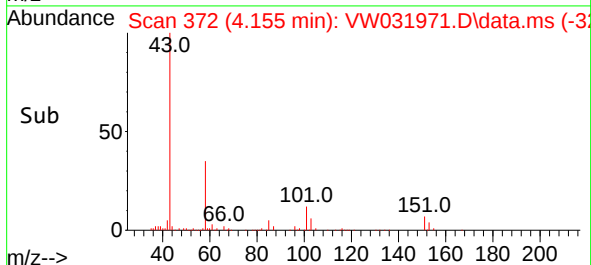
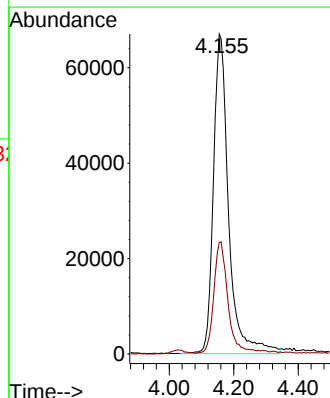
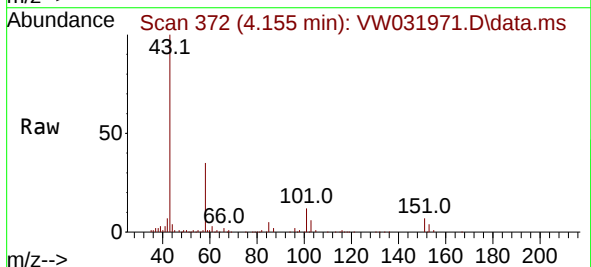
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

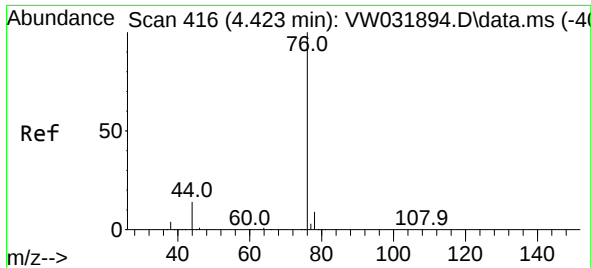
Tgt Ion:	53	Resp:	228118
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	36.5	29.9	44.9



#16
Acetone
Concen: 280.500 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:	43	Resp:	218857
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.5	38.3

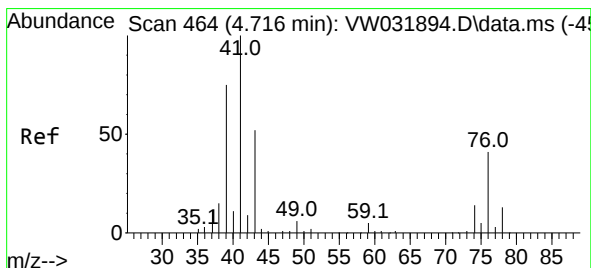
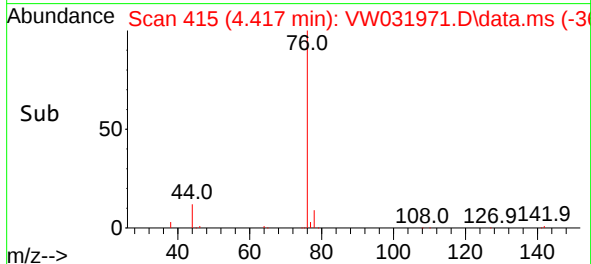
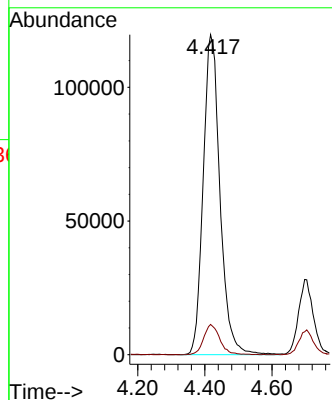
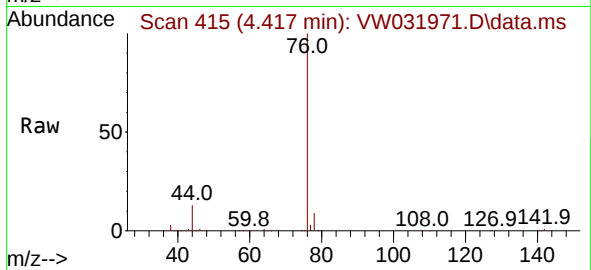




#17
Carbon Disulfide
Concen: 55.366 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

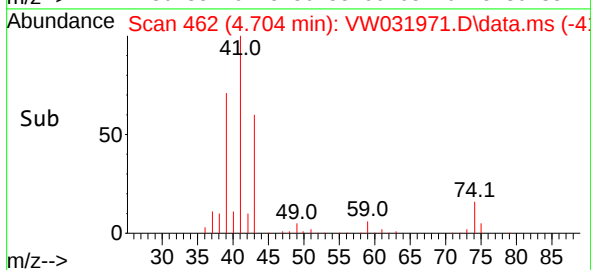
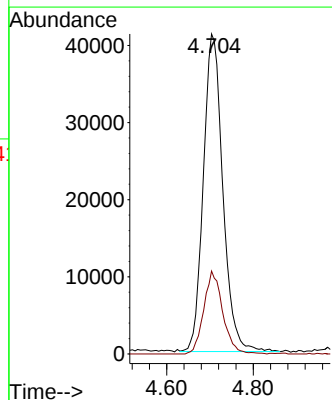
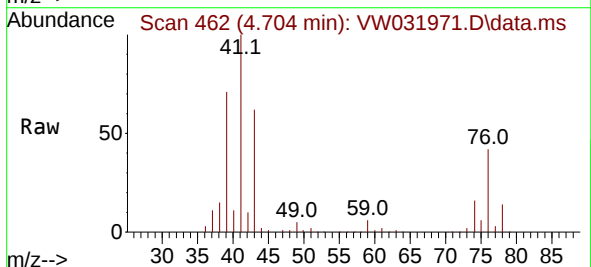
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

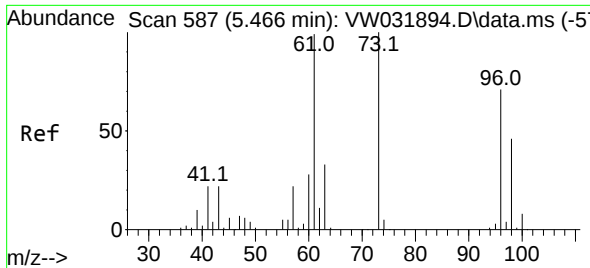
Tgt Ion: 76 Resp: 416159
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 59.882 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 43 Resp: 128723
Ion Ratio Lower Upper
43 100
74 25.4 20.6 31.0

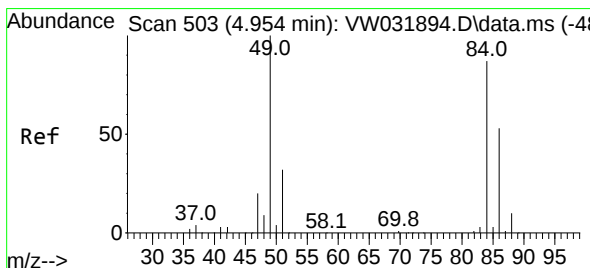
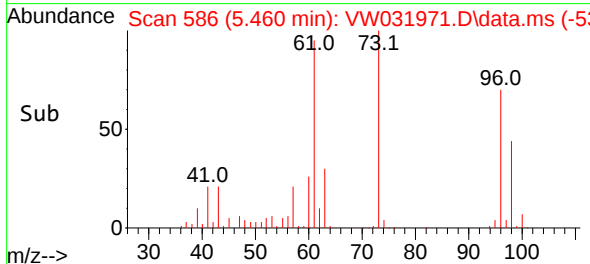
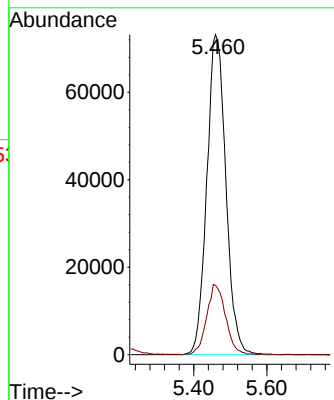
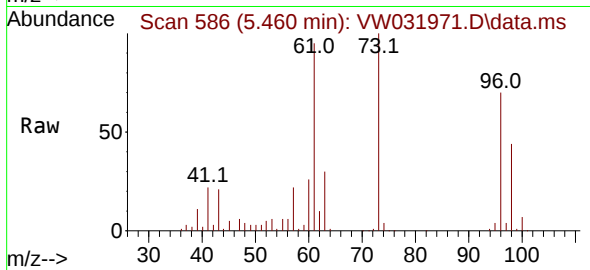




#19
Methyl tert-butyl Ether
Concen: 52.743 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

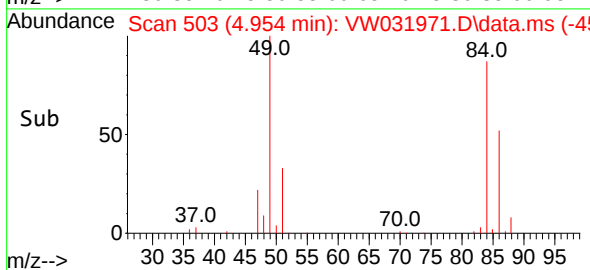
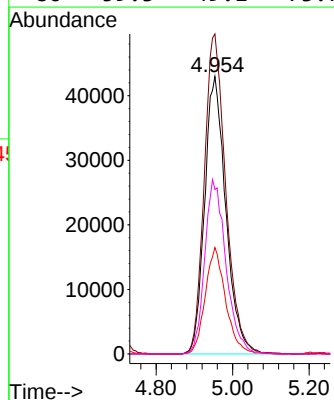
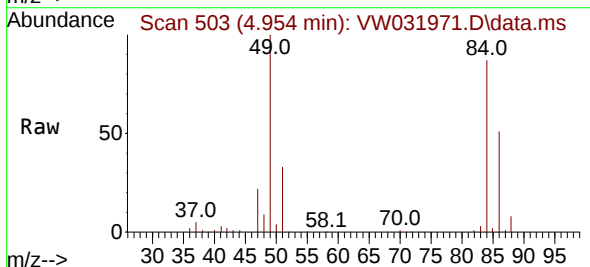
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

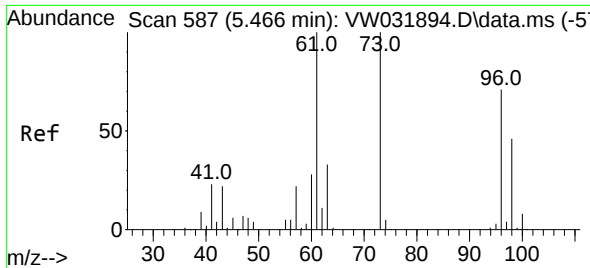
Tgt Ion: 73 Resp: 264118
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 84 Resp: 165975
Ion Ratio Lower Upper
84 100
49 115.3 91.9 137.9
51 38.4 29.0 43.6
86 59.3 49.1 73.7

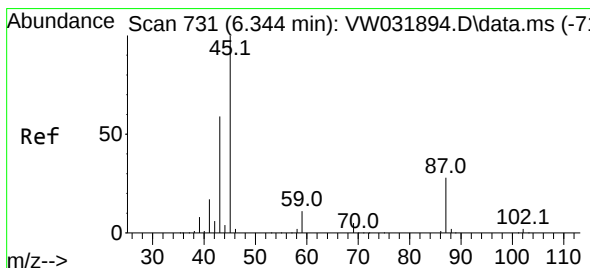
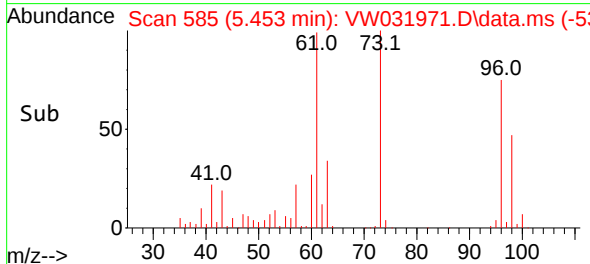
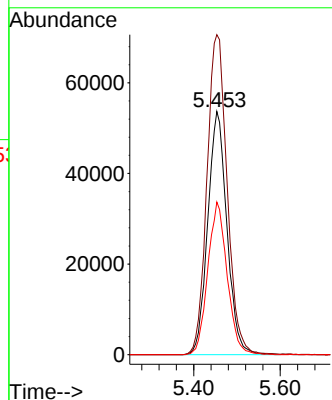
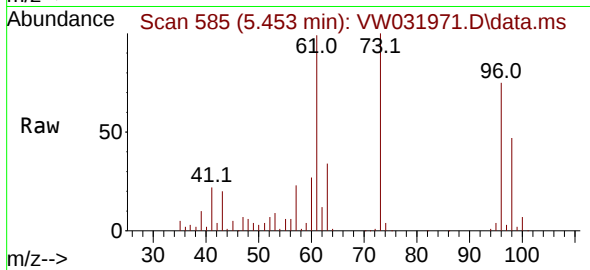




#21
trans-1,2-Dichloroethene
Concen: 53.778 ug/l
RT: 5.453 min Scan# 585
Delta R.T. -0.012 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

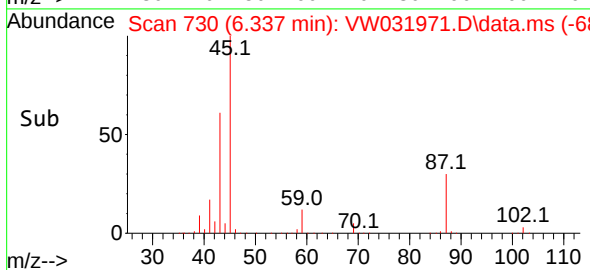
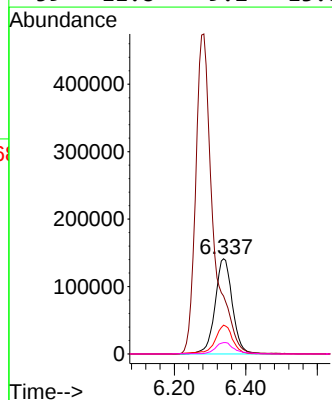
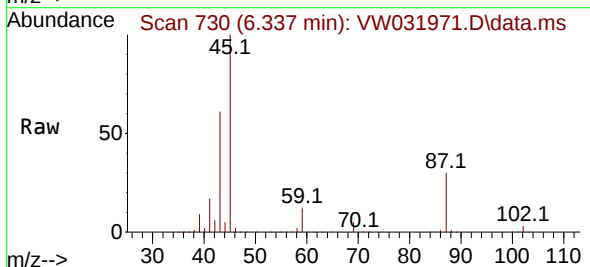
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

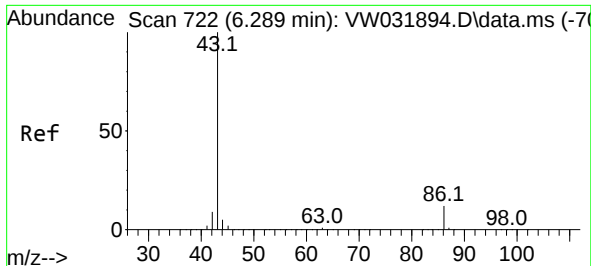
Tgt Ion: 96 Resp: 165370
Ion Ratio Lower Upper
96 100
61 131.6 112.8 169.2
98 62.8 51.9 77.9



#22
Diisopropyl ether
Concen: 52.539 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 45 Resp: 474322
Ion Ratio Lower Upper
45 100
43 60.4 47.0 70.6
87 30.2 22.8 34.2
59 11.8 9.2 13.8

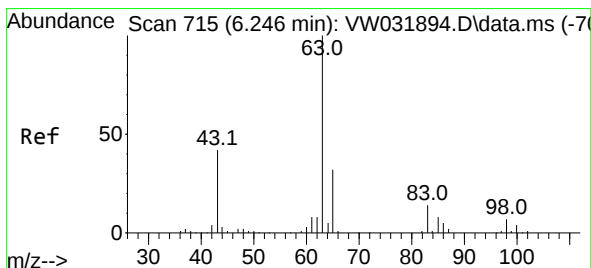
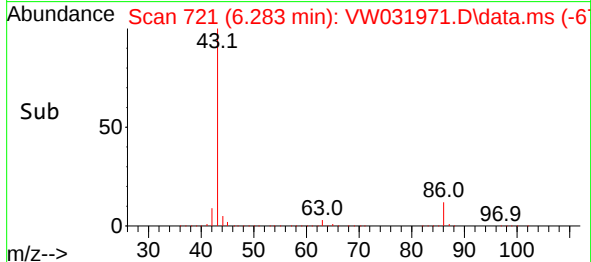
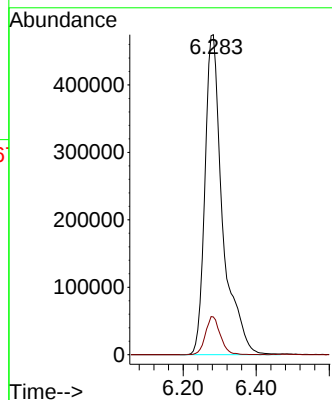
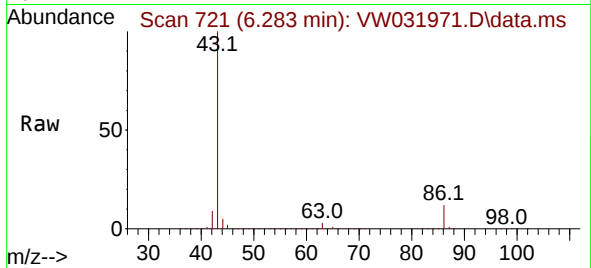




#23
 Vinyl Acetate
 Concen: 270.216 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

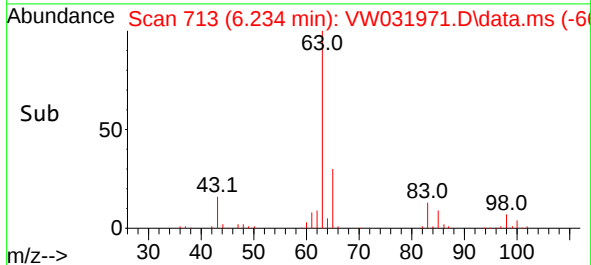
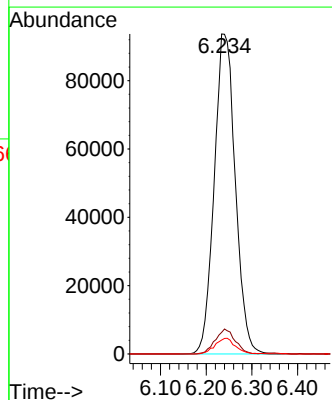
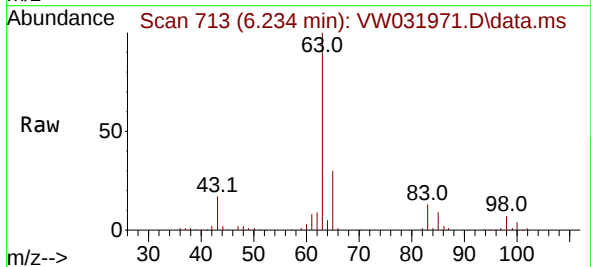
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

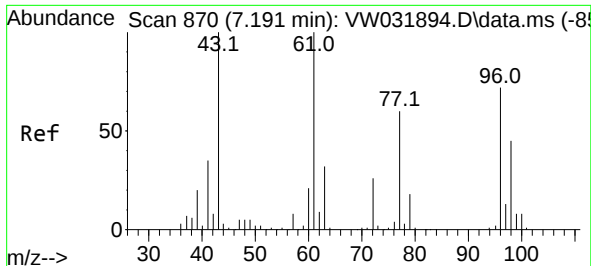
Tgt Ion: 43 Resp: 1593764
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 53.466 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Tgt Ion: 63 Resp: 300526
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.3 2.2 6.6

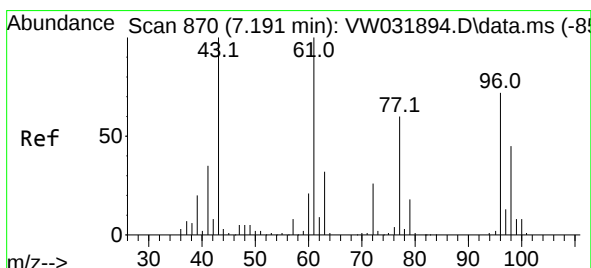
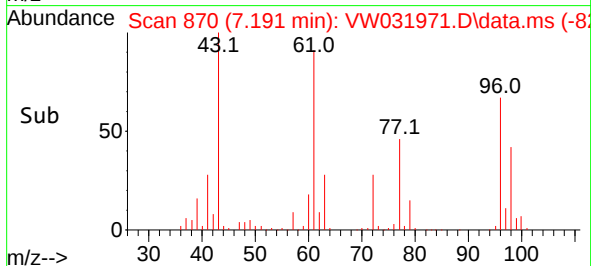
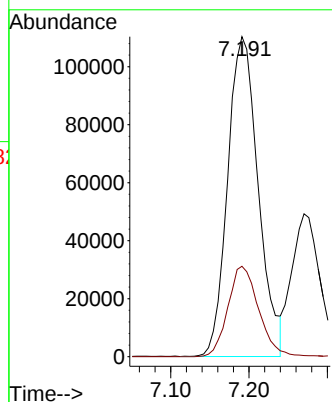
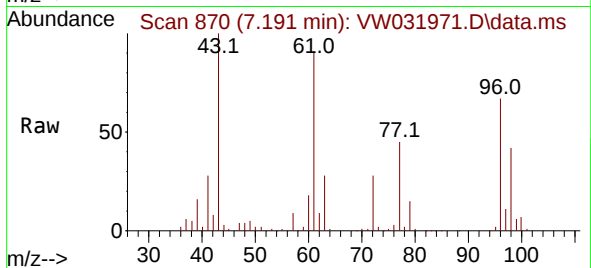




#25
2-Butanone
Concen: 280.867 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

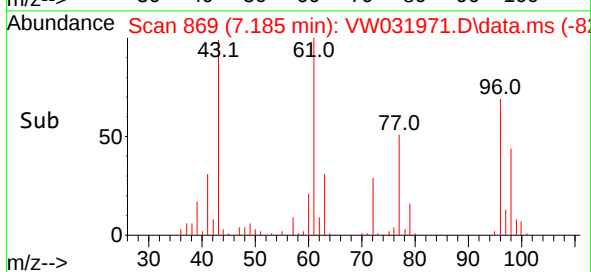
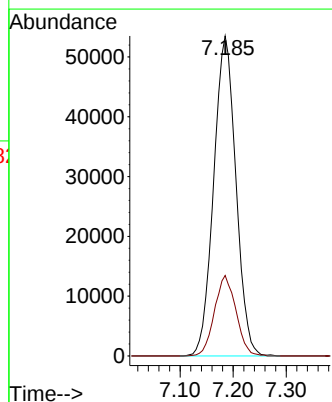
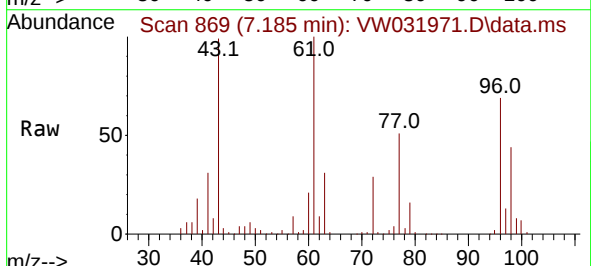
Instrument :
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ClientSampleId :
VSTDCCC050

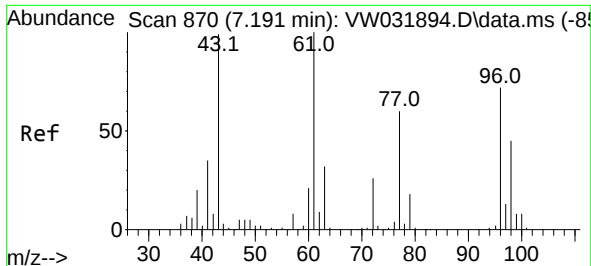
Tgt Ion: 43 Resp: 299837
Ion Ratio Lower Upper
43 100
72 28.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.877 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 77 Resp: 155538
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1



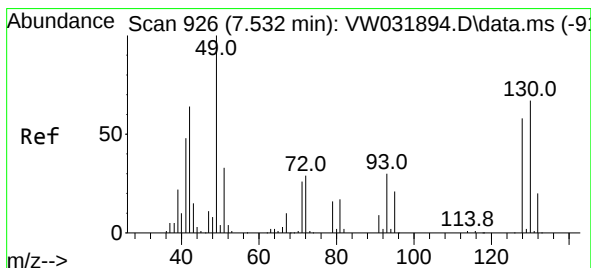
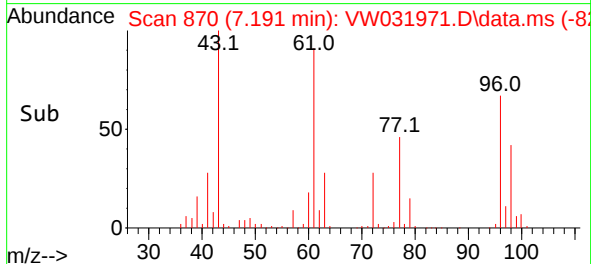
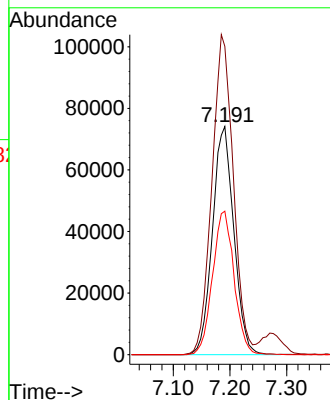
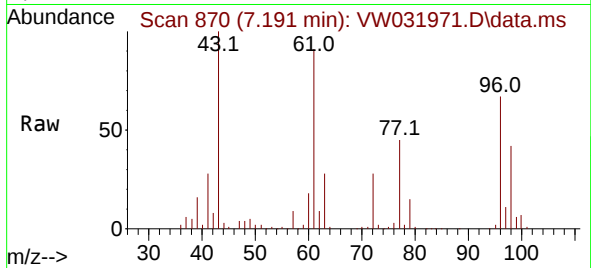


#27
 cis-1,2-Dichloroethene
 Concen: 53.628 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 193871

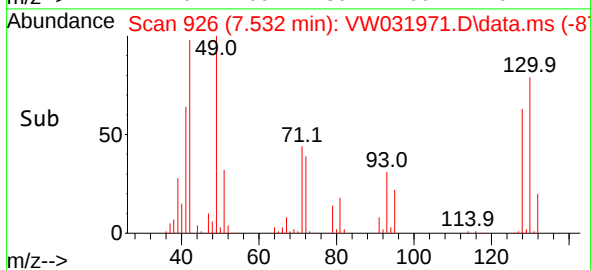
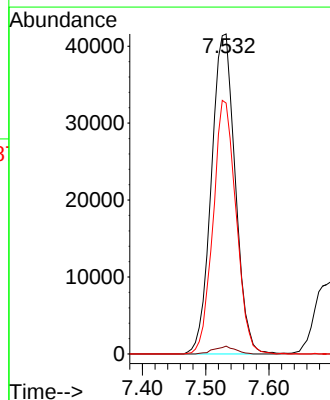
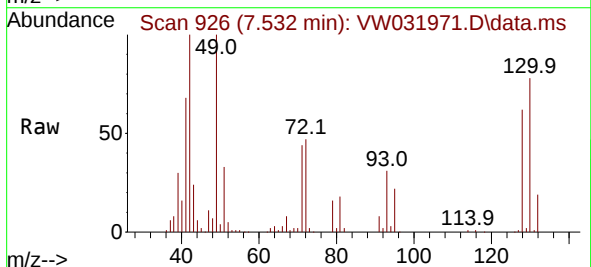
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	280.2
98	63.5	0.0	126.8

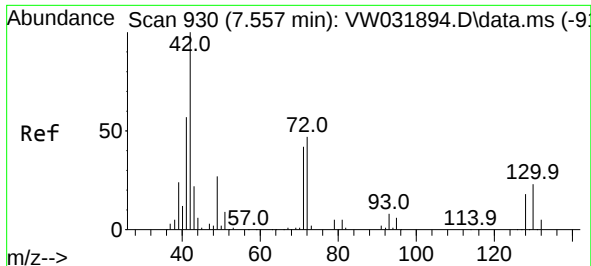


#28
 Bromochloromethane
 Concen: 46.312 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Tgt Ion: 49 Resp: 108992

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.2	59.0	88.4





#29

Tetrahydrofuran

Concen: 284.086 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

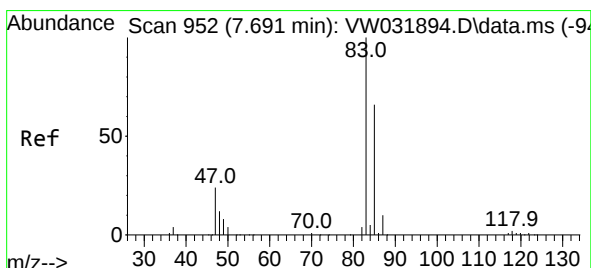
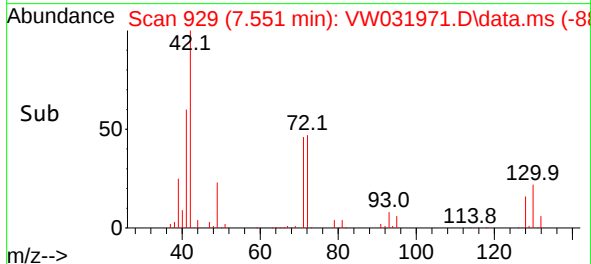
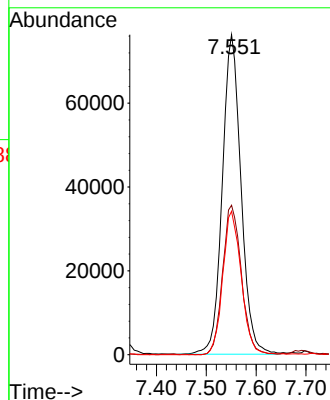
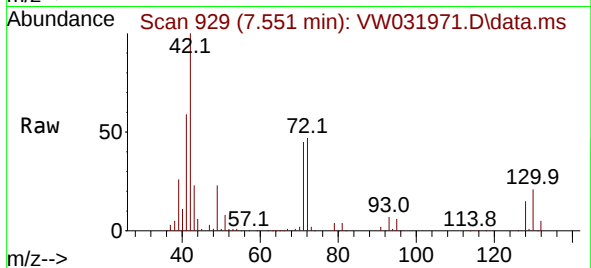
Tgt Ion: 42 Resp: 198834

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.6

71 44.3 34.5 51.7



#30

Chloroform

Concen: 54.561 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW031971.D

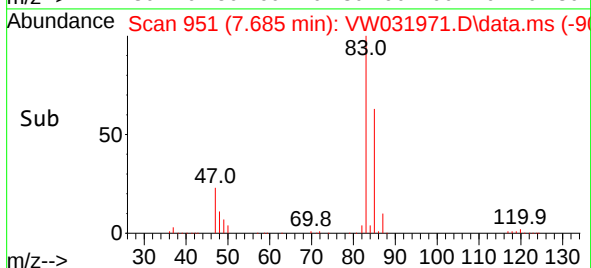
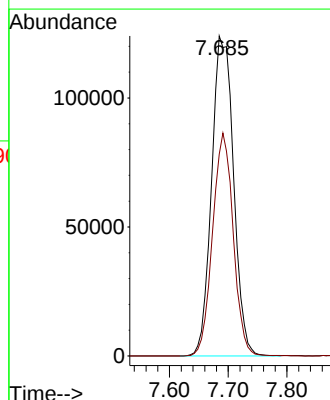
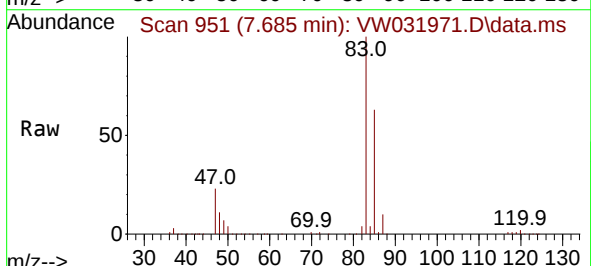
Acq: 01 Aug 2025 08:21

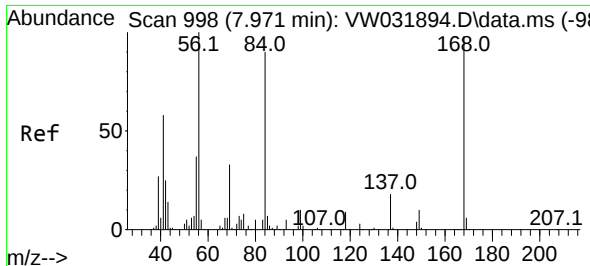
Tgt Ion: 83 Resp: 321556

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

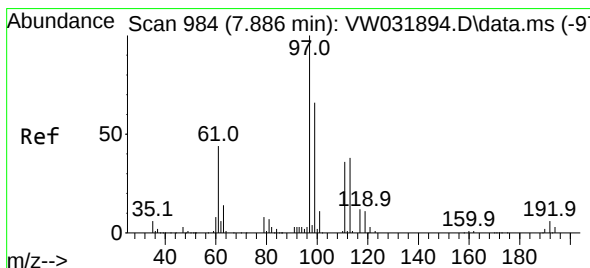
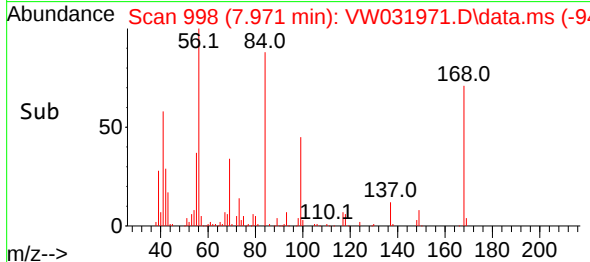
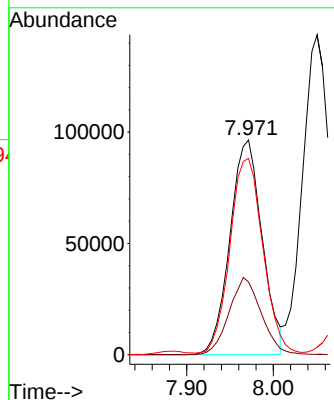
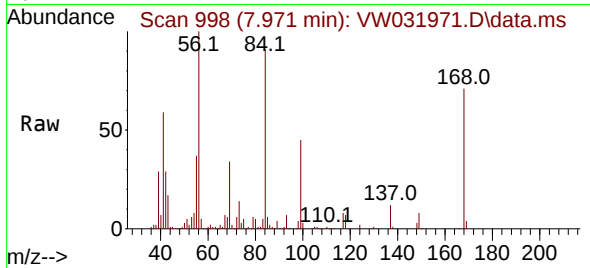




#31
Cyclohexane
Concen: 49.349 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

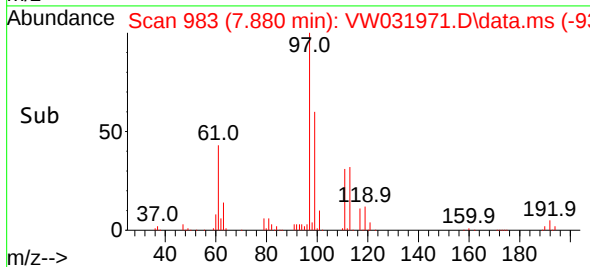
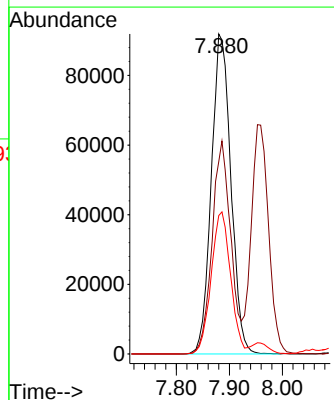
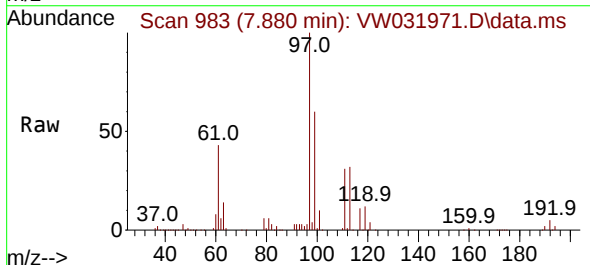
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

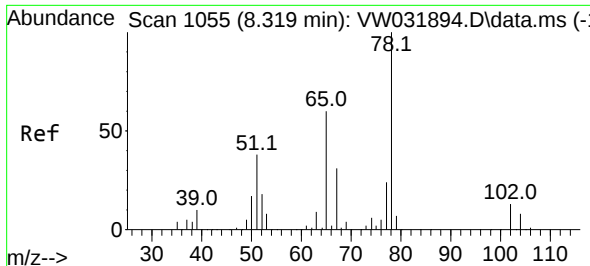
Tgt Ion: 56 Resp: 248855
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 90.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.529 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 97 Resp: 235576
Ion Ratio Lower Upper
97 100
99 63.4 53.0 79.4
61 44.4 35.4 53.0

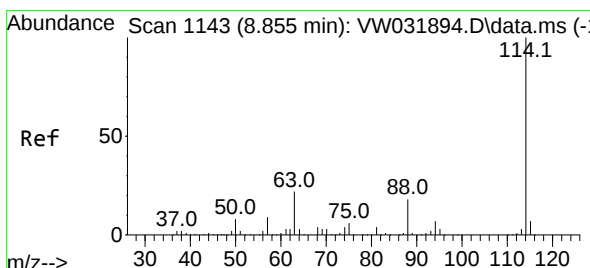
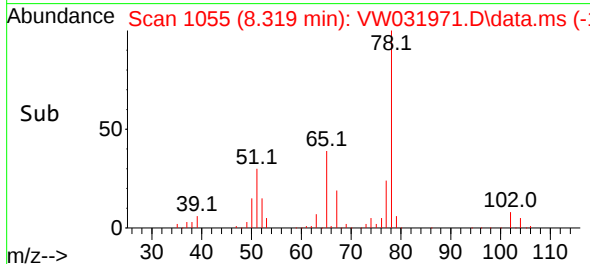
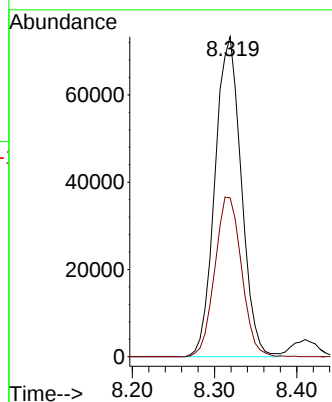
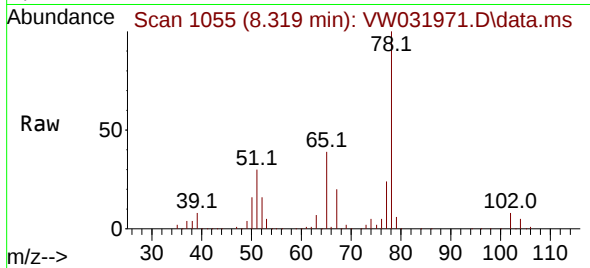




#33
 1,2-Dichloroethane-d4
 Concen: 49.660 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

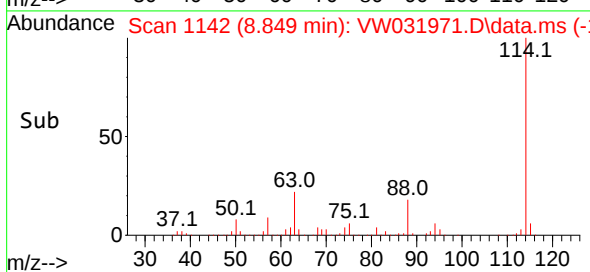
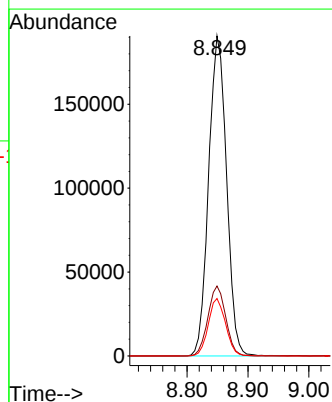
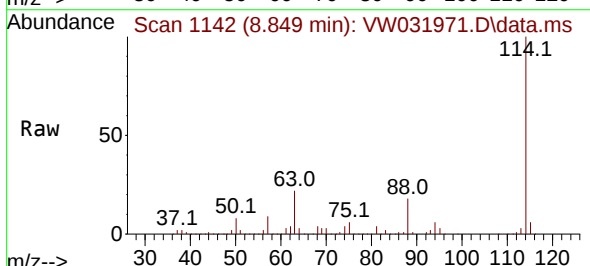
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

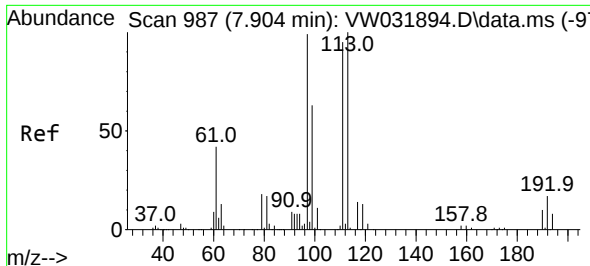
Tgt Ion: 65 Resp: 163285
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Tgt Ion: 114 Resp: 389384
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 17.9 0.0 35.6

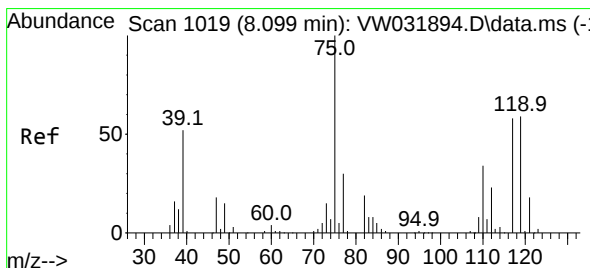
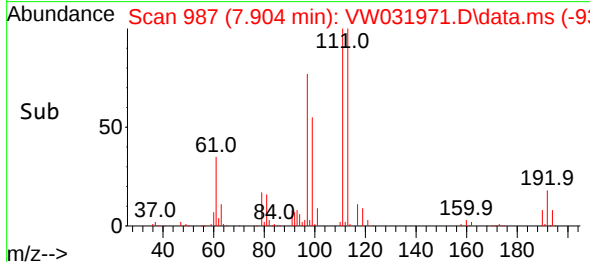
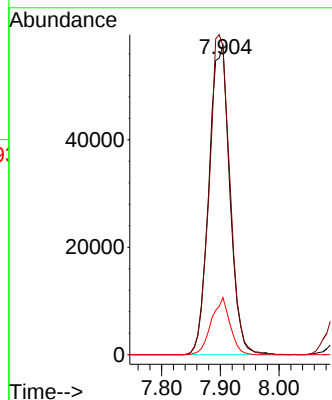
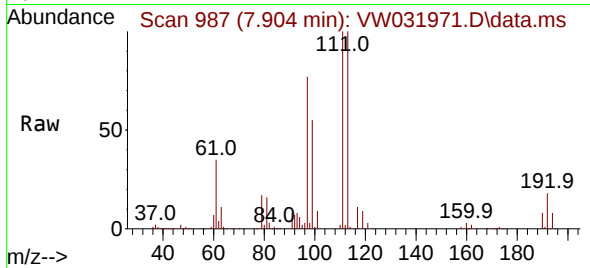




#35
Dibromofluoromethane
Concen: 53.665 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

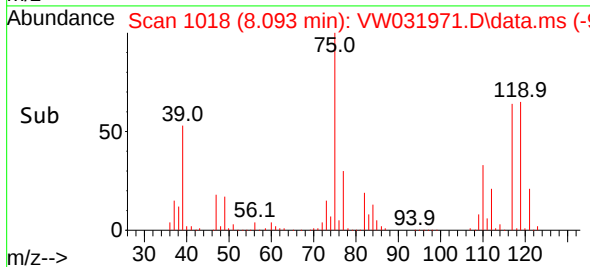
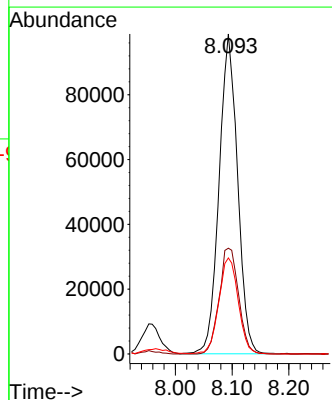
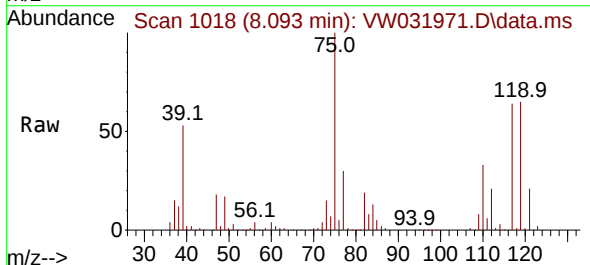
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

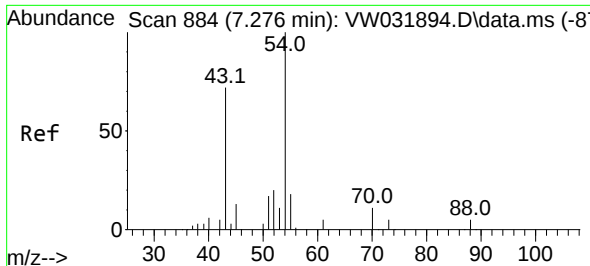
Tgt Ion: 113 Resp: 141994
Ion Ratio Lower Upper
113 100
111 102.3 79.9 119.9
192 16.5 12.6 19.0



#36
1,1-Dichloropropene
Concen: 54.892 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 75 Resp: 223048
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.6 25.1 37.7



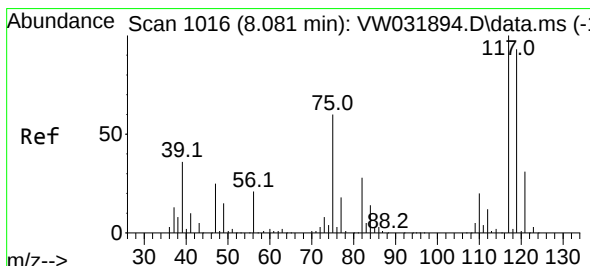
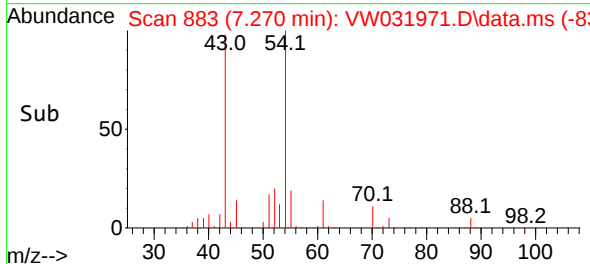
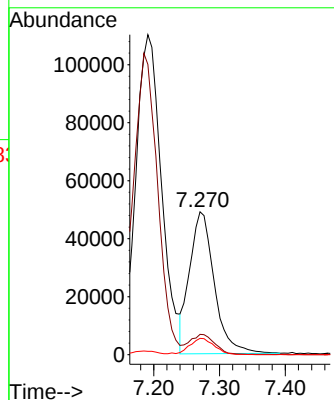
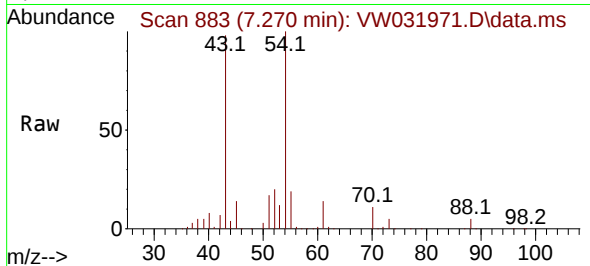


#37
Ethyl Acetate
Concen: 55.082 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 127679

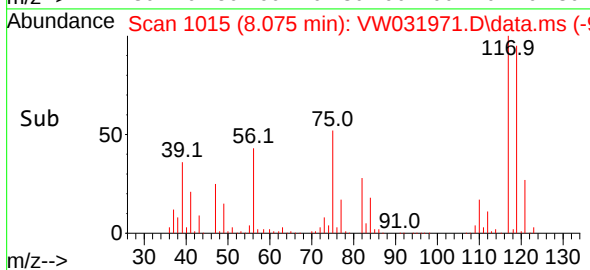
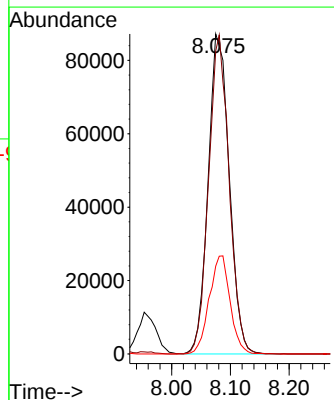
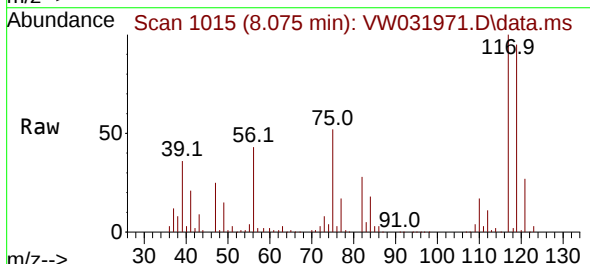
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	15.8
70	11.7	9.0	13.4

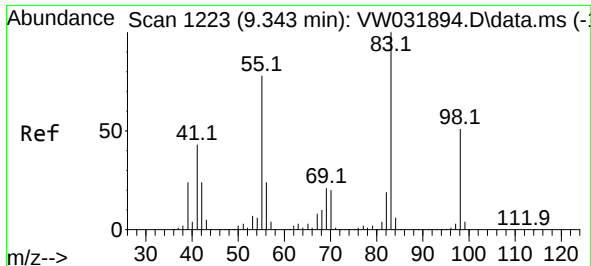


#38
Carbon Tetrachloride
Concen: 55.914 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 117 Resp: 218047

Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.3	111.5
121	27.5	24.6	37.0





#39

Methylcyclohexane

Concen: 53.874 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

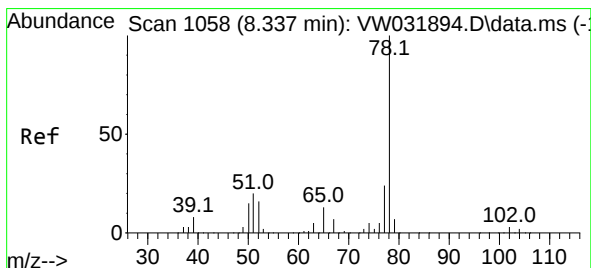
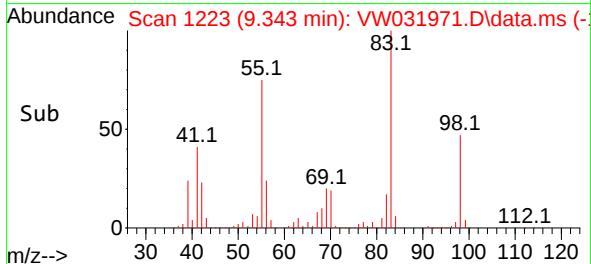
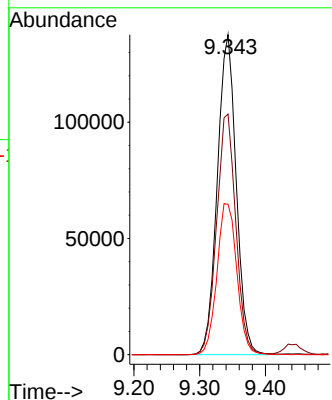
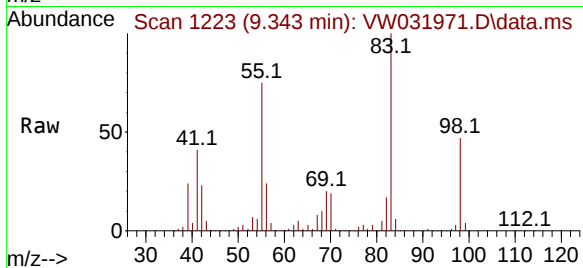
Tgt Ion: 83 Resp: 275493

Ion Ratio Lower Upper

83 100

55 75.2 62.5 93.7

98 47.0 40.6 61.0



#40

Benzene

Concen: 55.601 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031971.D

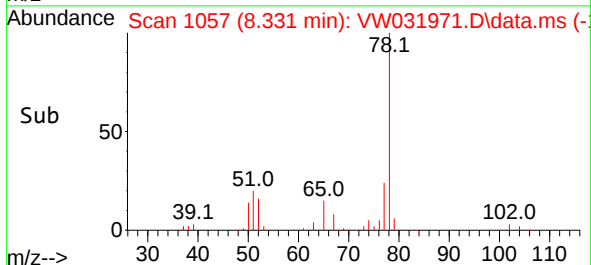
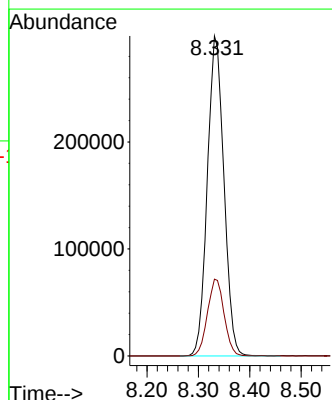
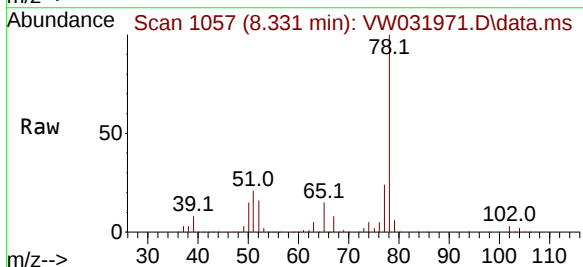
Acq: 01 Aug 2025 08:21

Tgt Ion: 78 Resp: 668793

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

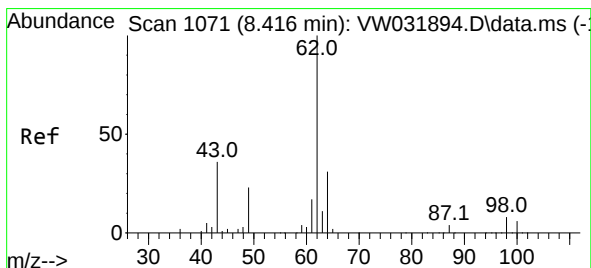
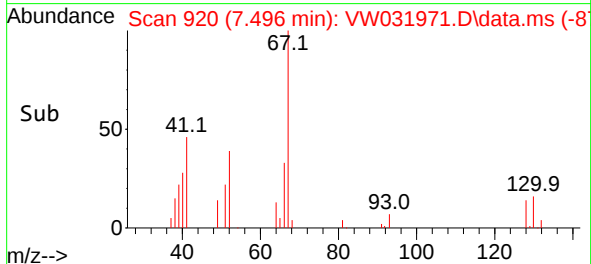
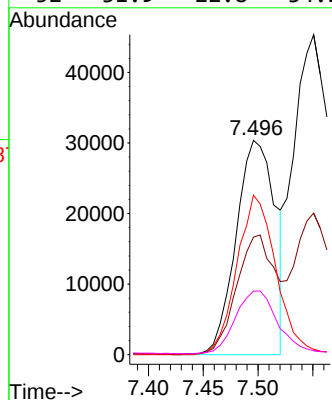
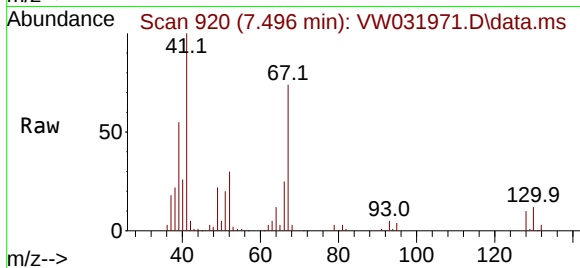




#41
Methacrylonitrile
Concen: 54.466 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

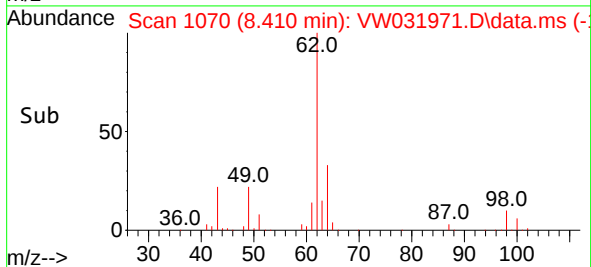
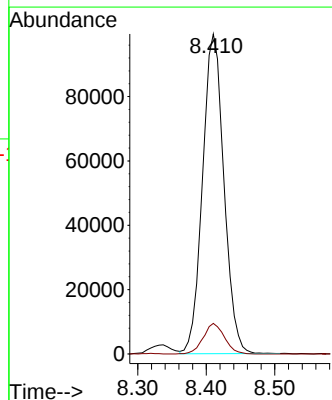
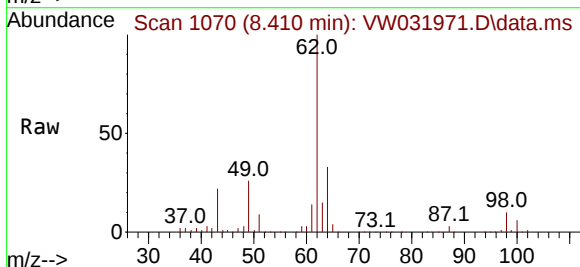
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

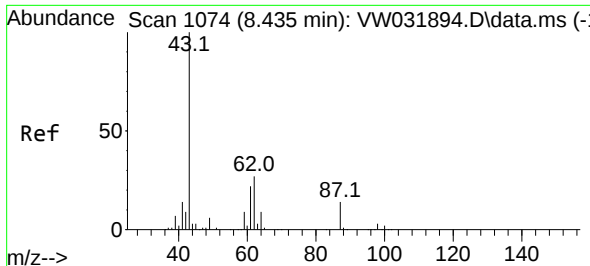
Tgt Ion:	41	Resp:	75577
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.1	61.7
67	74.9	56.2	84.4
52	31.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 56.094 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:	62	Resp:	215940
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

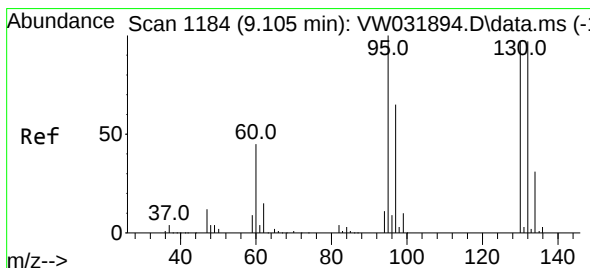
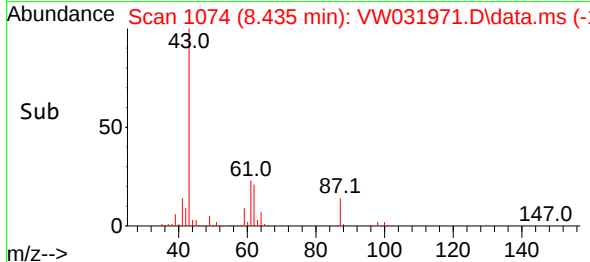
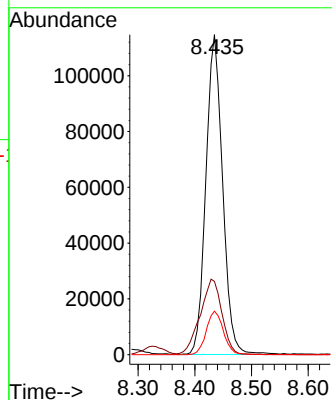
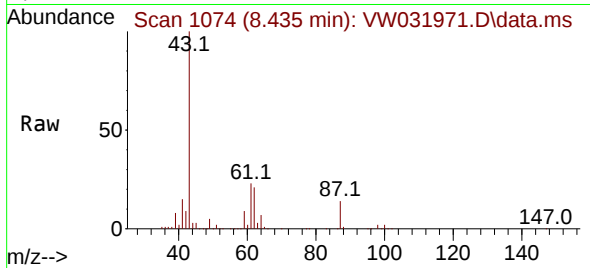




#43
Isopropyl Acetate
Concen: 56.007 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

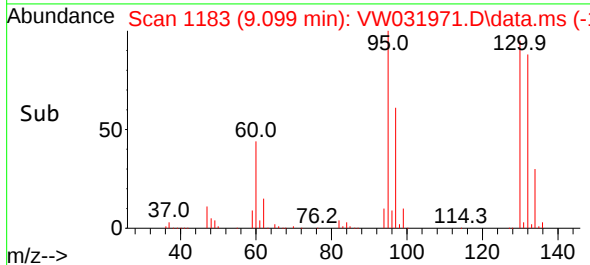
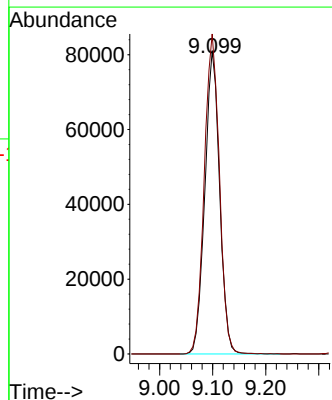
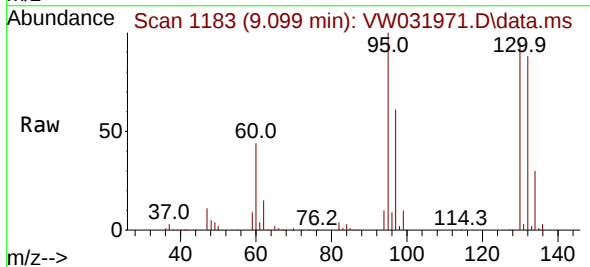
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

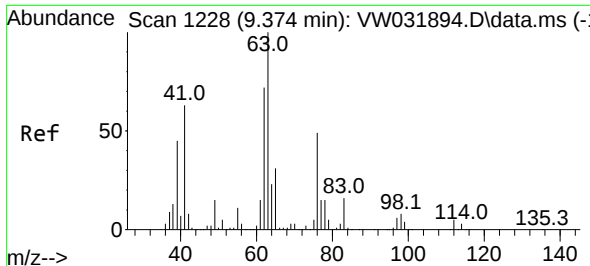
Tgt Ion: 43 Resp: 235025
Ion Ratio Lower Upper
43 100
61 30.6 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 54.659 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:130 Resp: 156276
Ion Ratio Lower Upper
130 100
95 105.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 55.778 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

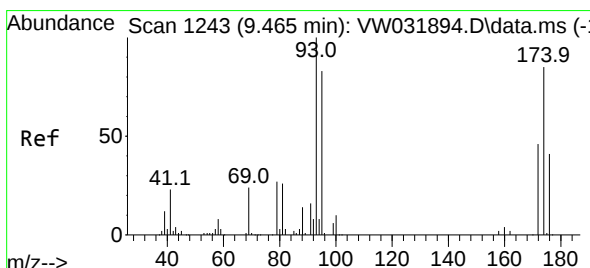
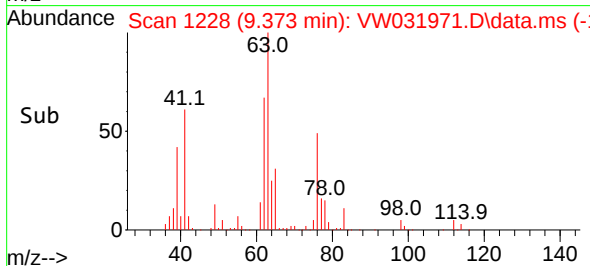
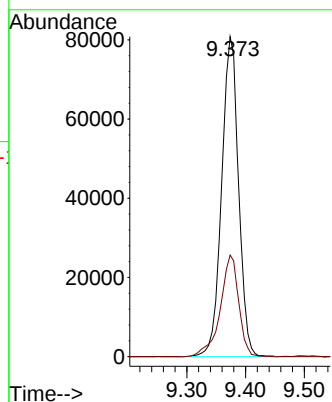
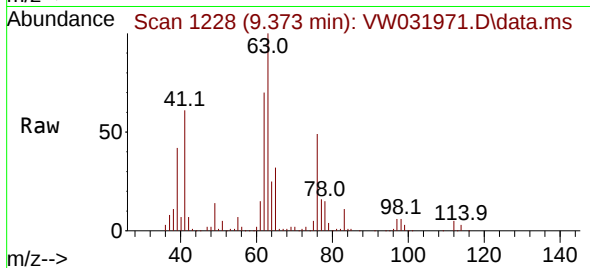
VSTDCCC050

Tgt Ion: 63 Resp: 161580

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 56.530 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

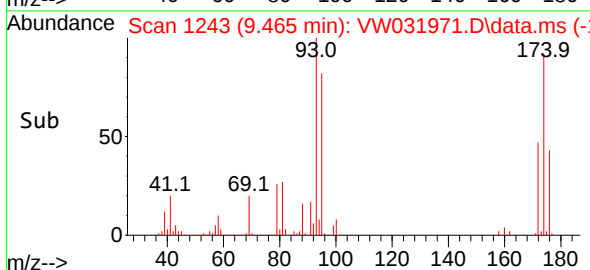
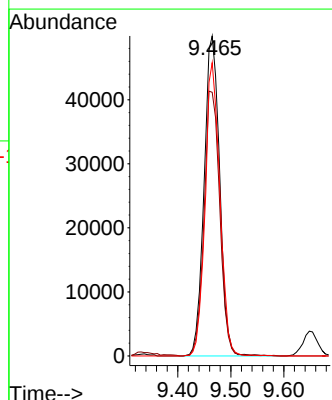
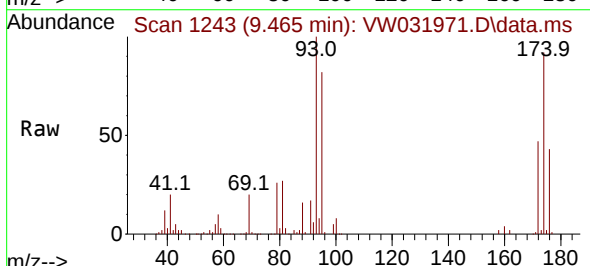
Tgt Ion: 93 Resp: 101513

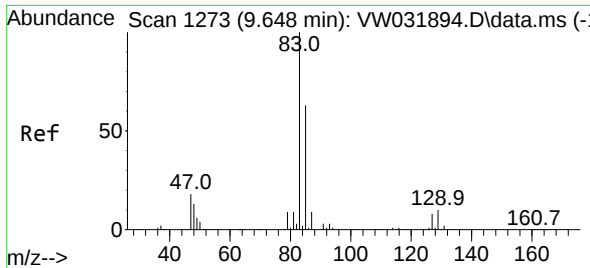
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 87.2 70.2 105.2

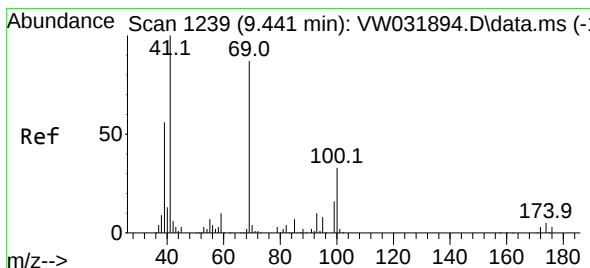
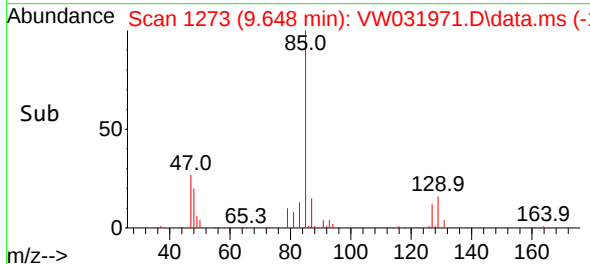
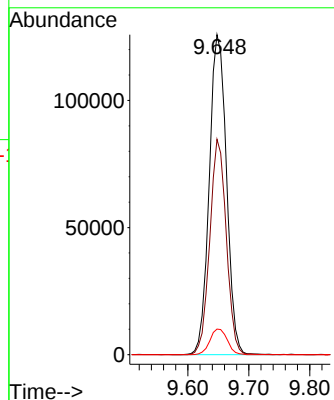
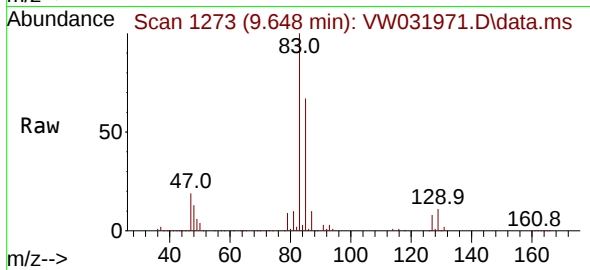




#47
Bromodichloromethane
Concen: 57.492 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

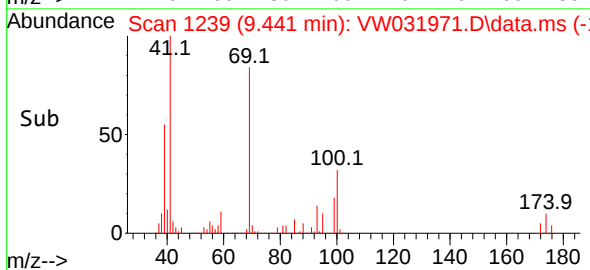
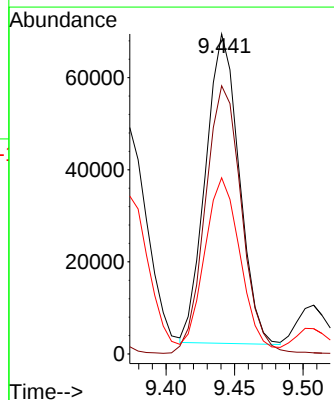
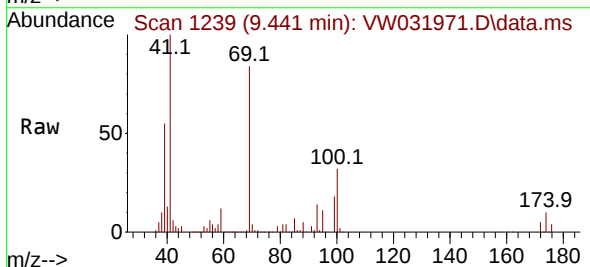
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

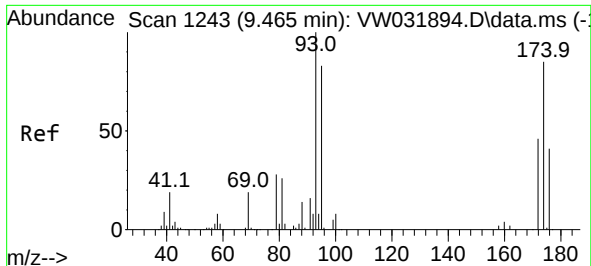
Tgt Ion: 83 Resp: 247561
Ion Ratio Lower Upper
83 100
85 67.3 50.6 76.0
127 8.0 6.5 9.7



#48
Methyl methacrylate
Concen: 57.353 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 41 Resp: 114501
Ion Ratio Lower Upper
41 100
69 93.7 73.6 110.4
39 56.4 45.5 68.3





#49

1,4-Dioxane

Concen: 1520.227 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

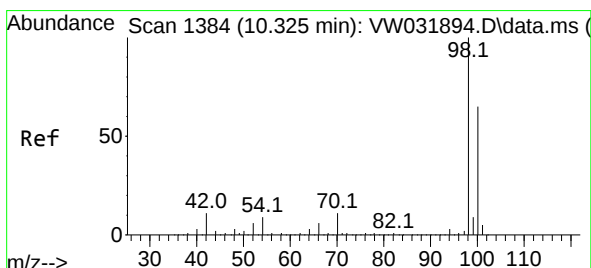
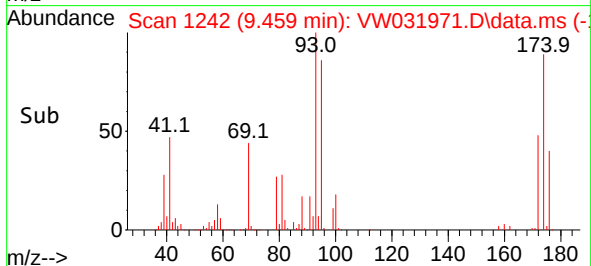
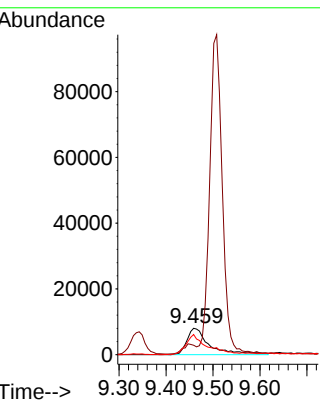
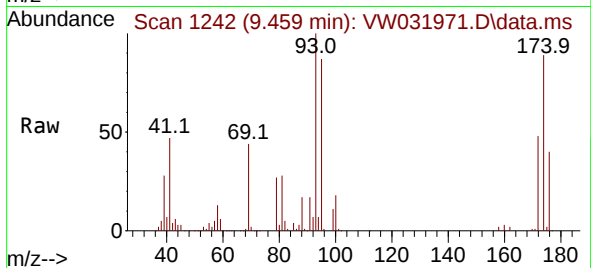
Tgt Ion: 88 Resp: 27240

Ion Ratio Lower Upper

88 100

43 21.4 19.0 28.4

58 70.0 58.2 87.2



#50

Toluene-d8

Concen: 52.485 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031971.D

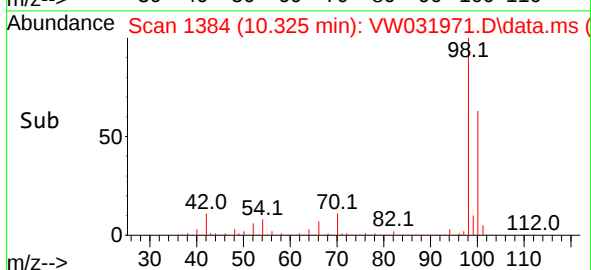
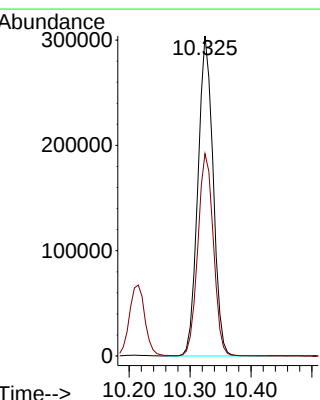
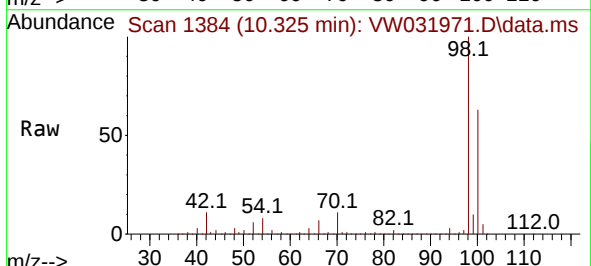
Acq: 01 Aug 2025 08:21

Tgt Ion: 98 Resp: 525585

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

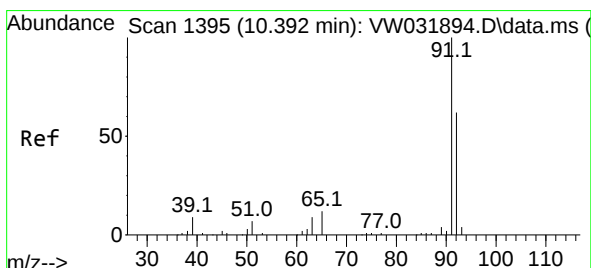
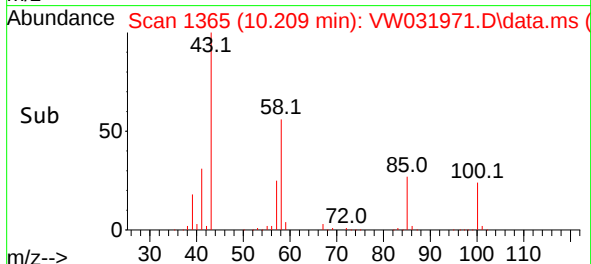
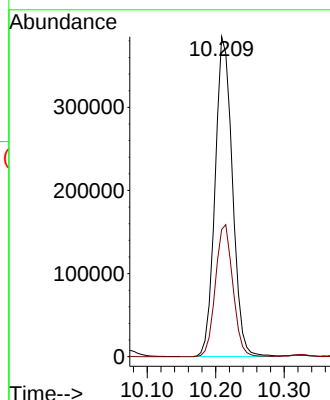
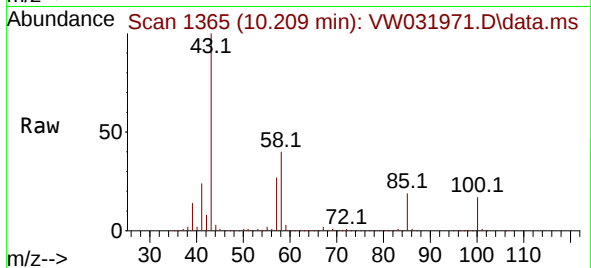




#51
4-Methyl-2-Pentanone
Concen: 294.645 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

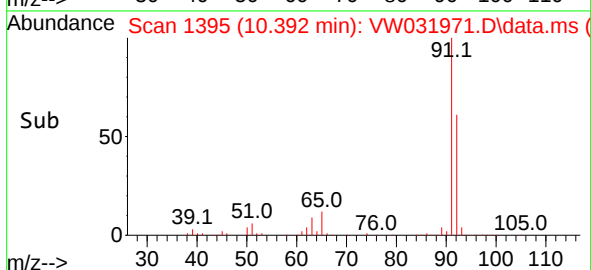
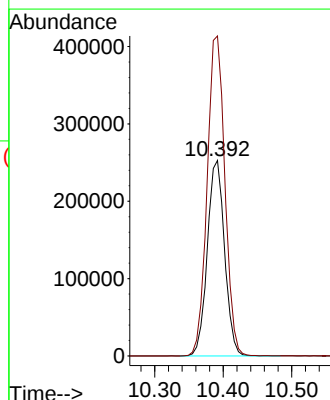
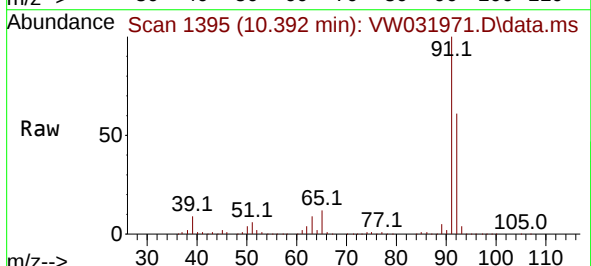
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

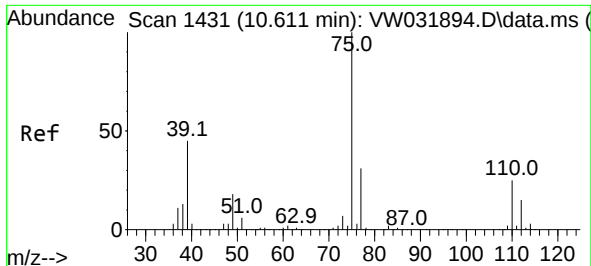
Tgt Ion: 43 Resp: 676661
Ion Ratio Lower Upper
43 100
58 41.5 32.8 49.2



#52
Toluene
Concen: 57.118 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 92 Resp: 441658
Ion Ratio Lower Upper
92 100
91 168.8 133.7 200.5

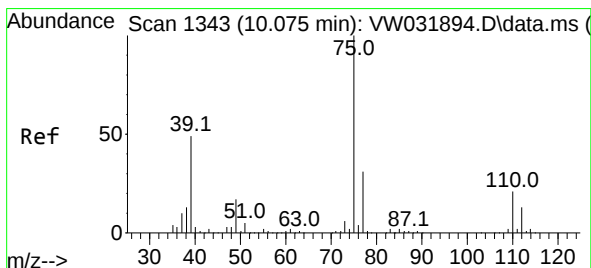
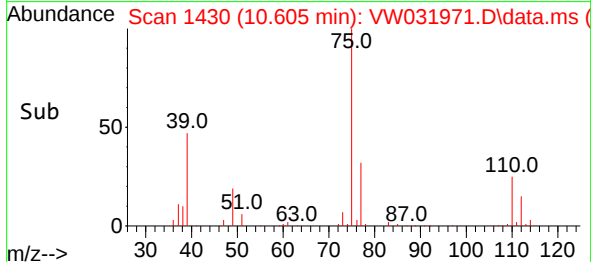
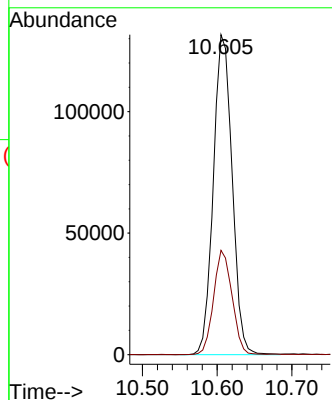
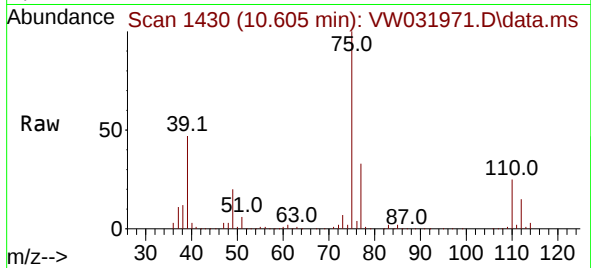




#53
 t-1,3-Dichloropropene
 Concen: 55.788 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

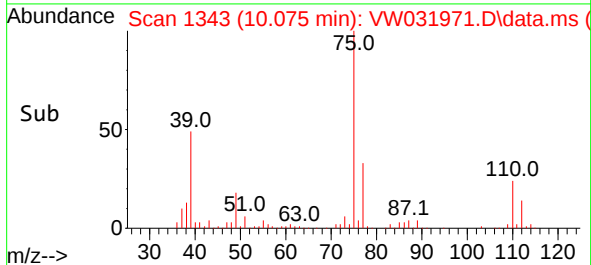
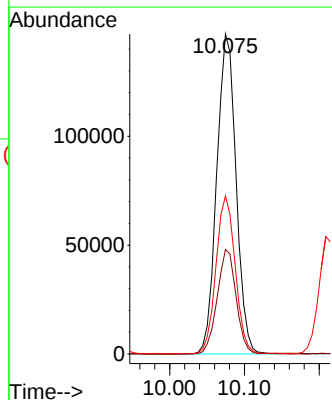
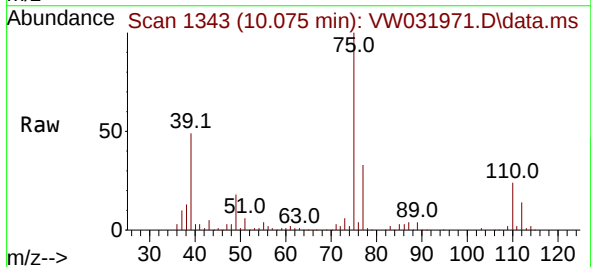
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

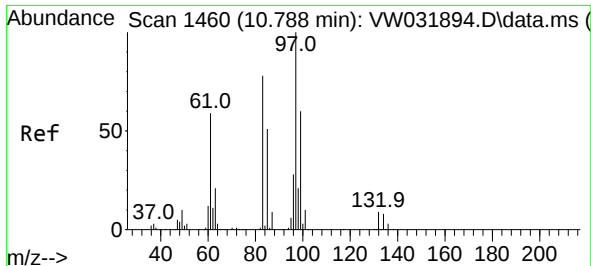
Tgt Ion: 75 Resp: 230434
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 56.169 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Tgt Ion: 75 Resp: 264955
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7
 39 49.3 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 57.413 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 136947

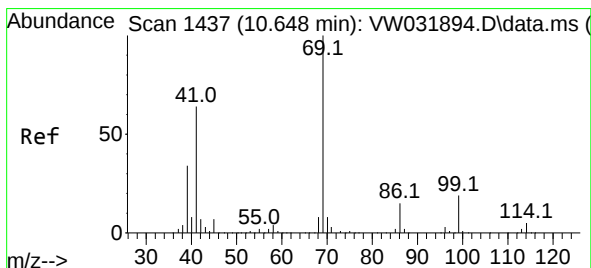
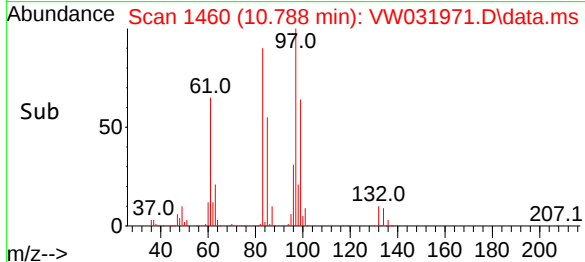
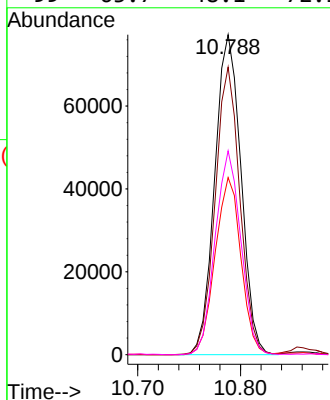
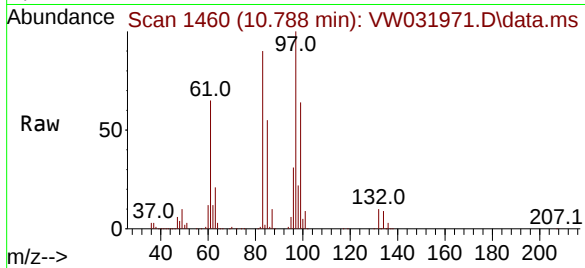
Ion Ratio Lower Upper

97 100

83 89.7 62.4 93.6

85 55.3 41.0 61.6

99 63.7 48.1 72.1



#56

Ethyl methacrylate

Concen: 58.234 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

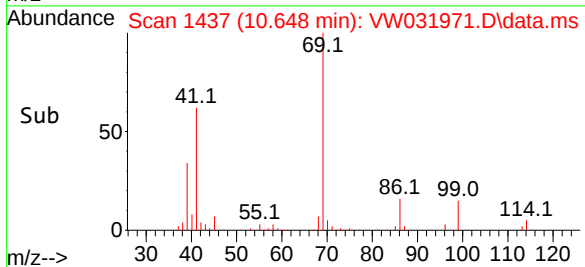
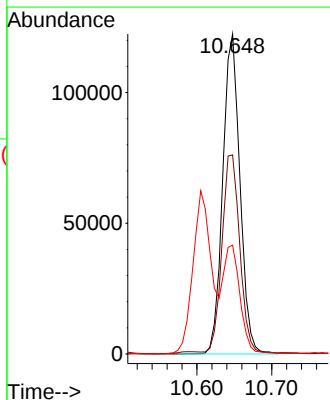
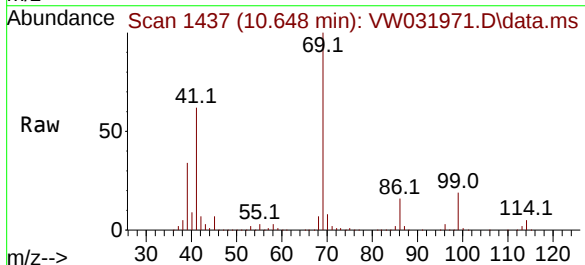
Tgt Ion: 69 Resp: 196180

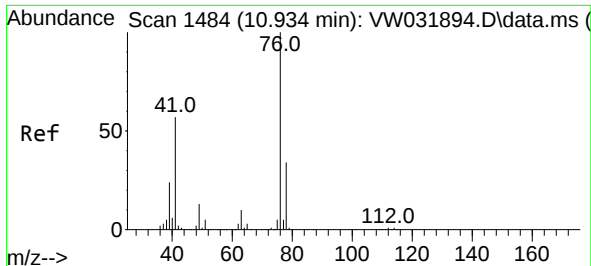
Ion Ratio Lower Upper

69 100

41 64.1 52.0 78.0

39 32.4 26.6 40.0





#57

1,3-Dichloropropane

Concen: 57.096 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

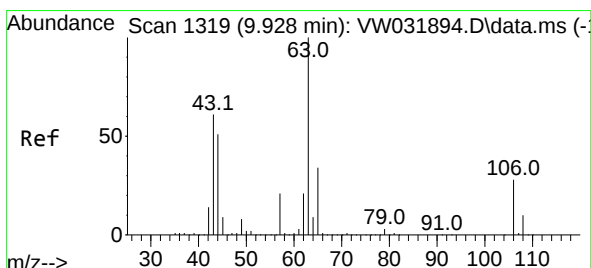
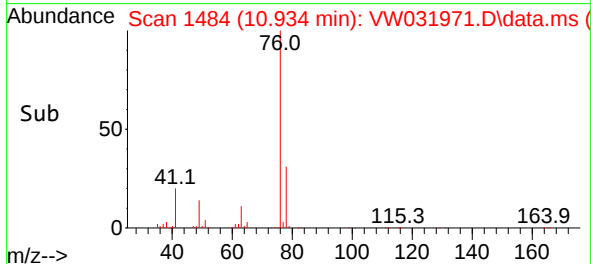
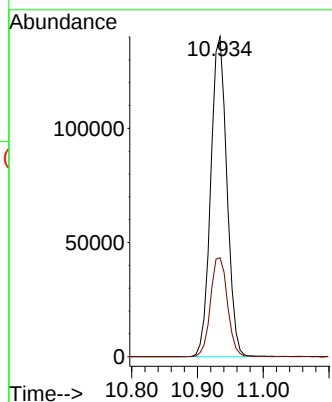
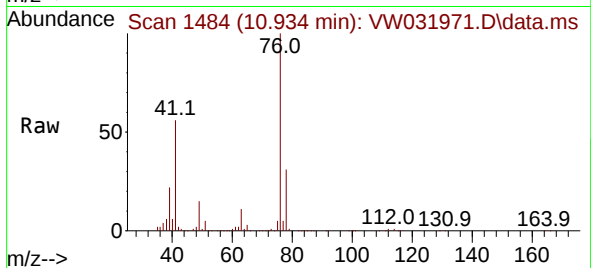
VSTDCCC050

Tgt Ion: 76 Resp: 239932

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 251.017 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031971.D

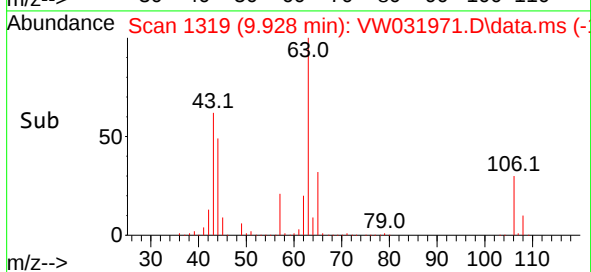
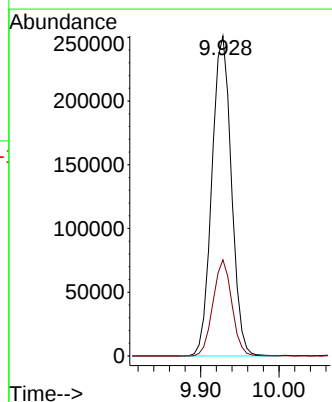
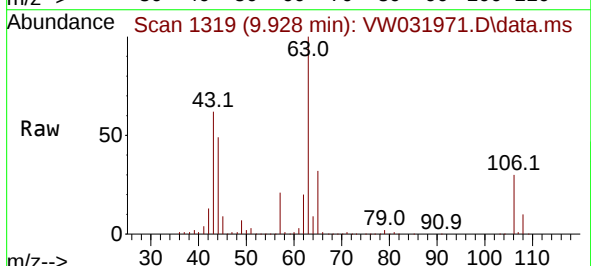
Acq: 01 Aug 2025 08:21

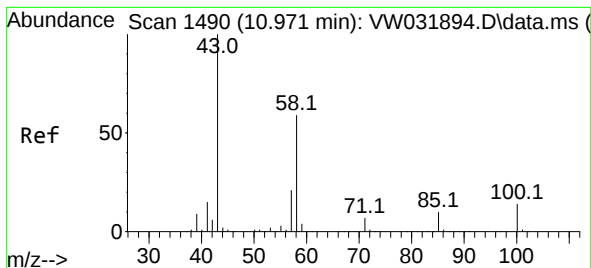
Tgt Ion: 63 Resp: 434358

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

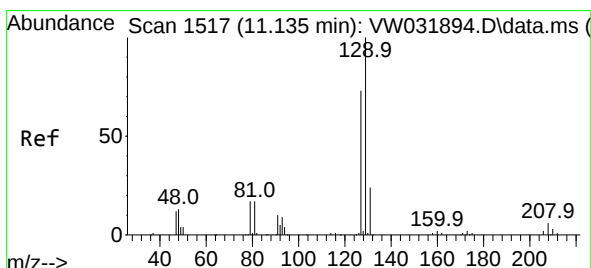
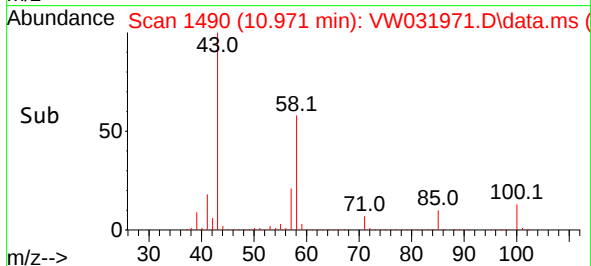
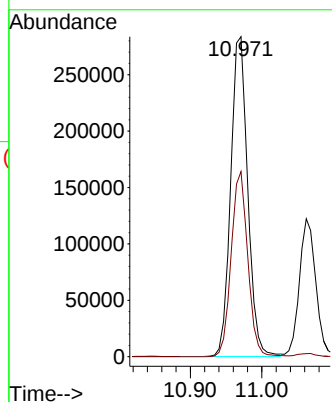
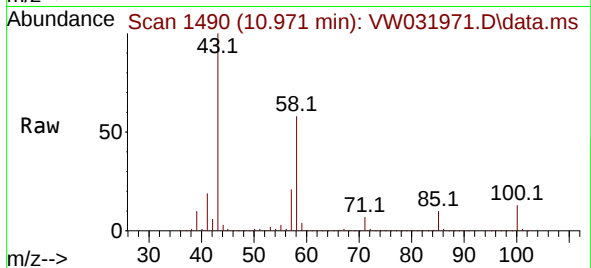




#59
2-Hexanone
Concen: 293.457 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

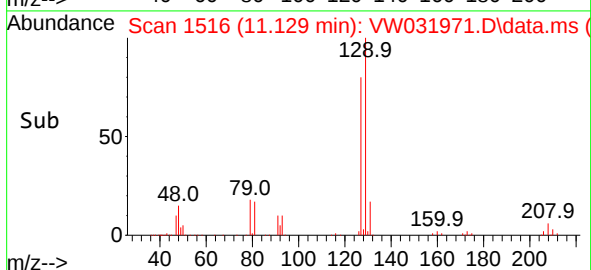
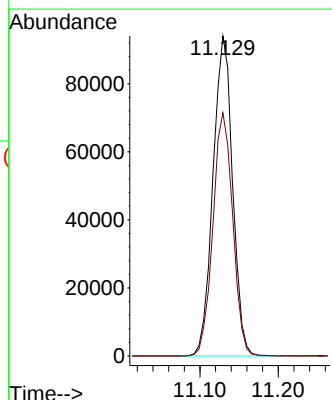
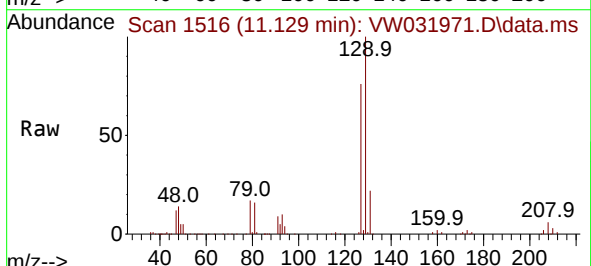
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

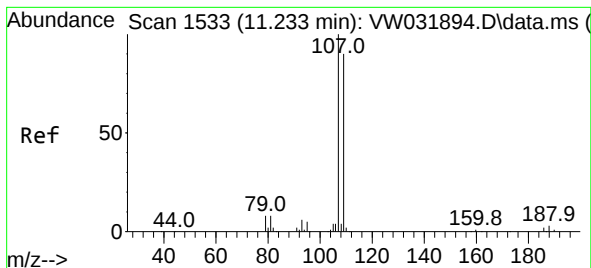
Tgt Ion: 43 Resp: 468449
Ion Ratio Lower Upper
43 100
58 56.5 28.5 85.6



#60
Dibromochloromethane
Concen: 58.688 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:129 Resp: 163216
Ion Ratio Lower Upper
129 100
127 76.8 39.6 118.8

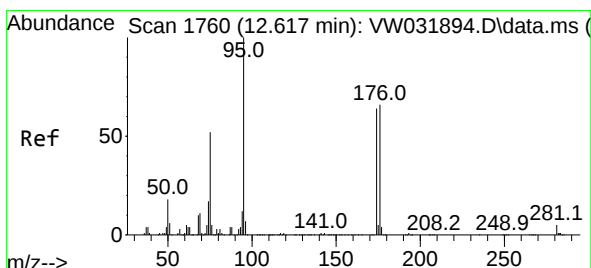
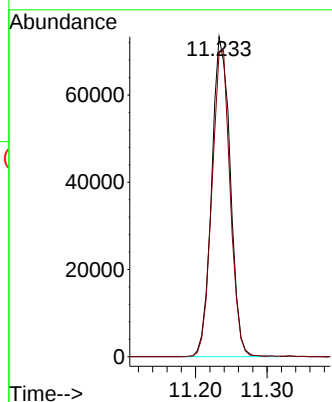
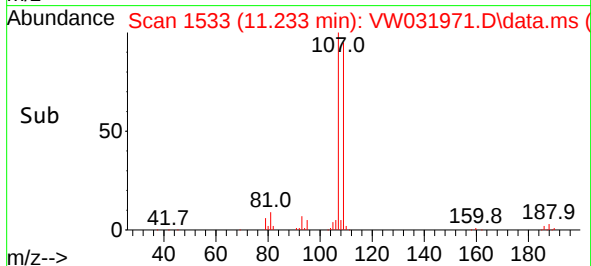
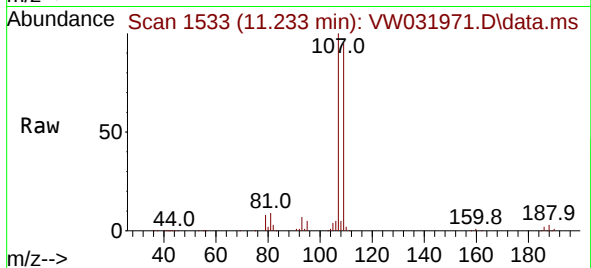




#61
1,2-Dibromoethane
Concen: 56.140 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

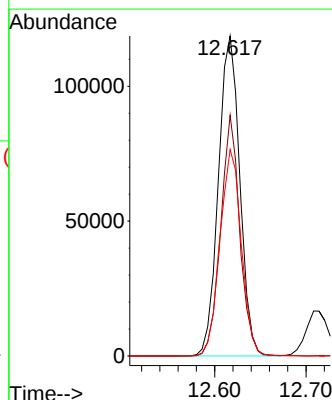
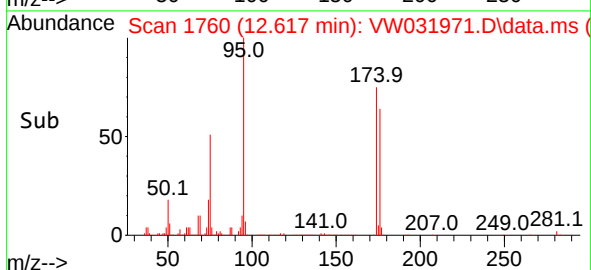
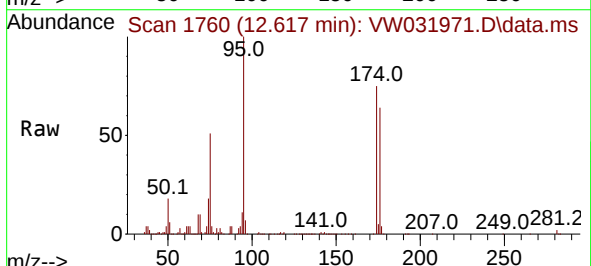
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

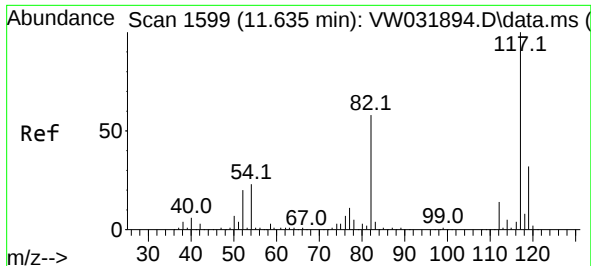
Tgt Ion:107 Resp: 132321
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.153 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 95 Resp: 192848
Ion Ratio Lower Upper
95 100
174 67.5 0.0 129.8
176 64.7 0.0 130.4

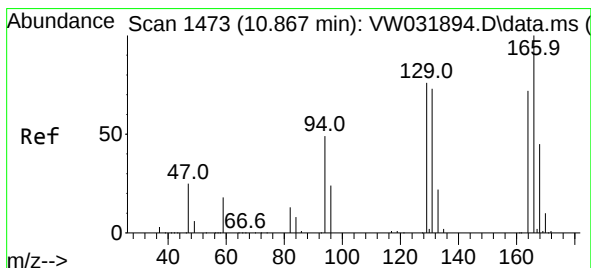
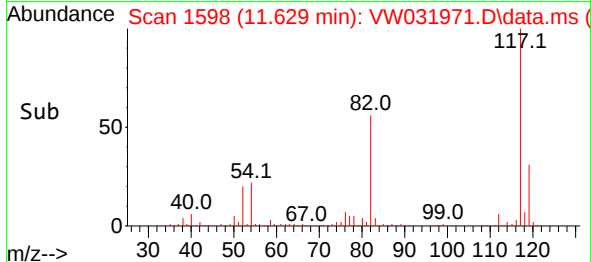
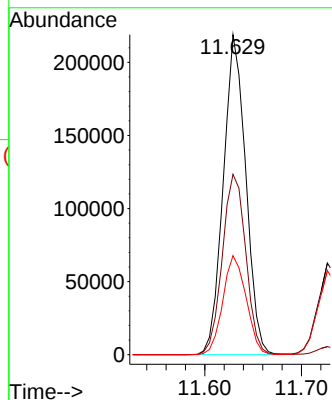
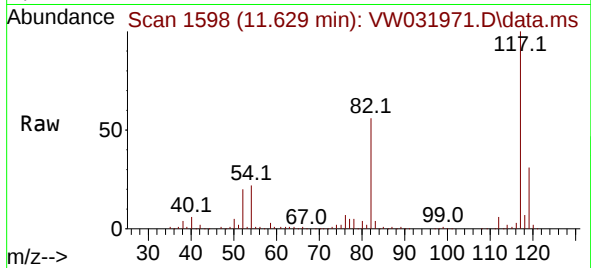




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

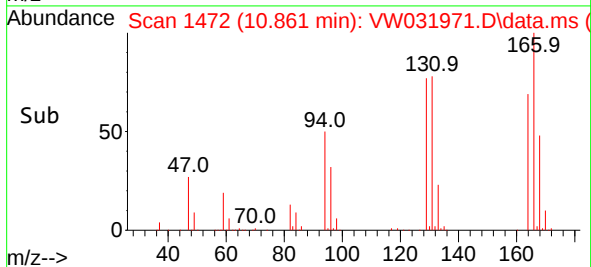
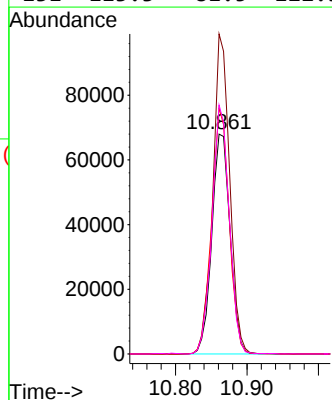
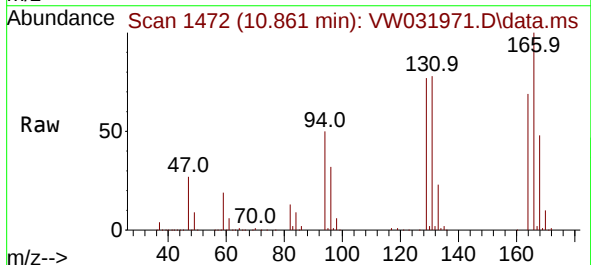
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 352859
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 30.9 25.8 38.6



#64
Tetrachloroethene
Concen: 51.855 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:164 Resp: 120637
Ion Ratio Lower Upper
164 100
166 145.5 111.5 167.3
129 111.9 85.1 127.7
131 113.3 81.5 122.3

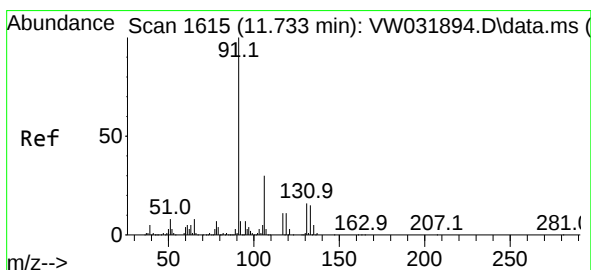
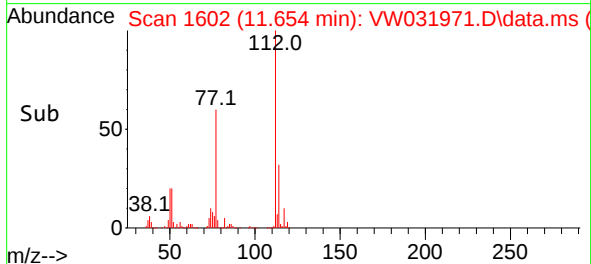
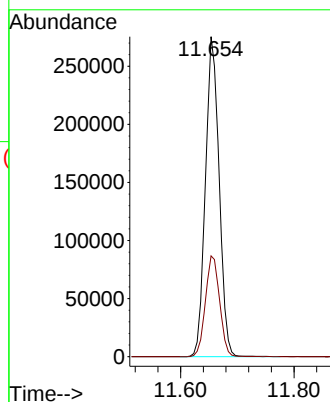
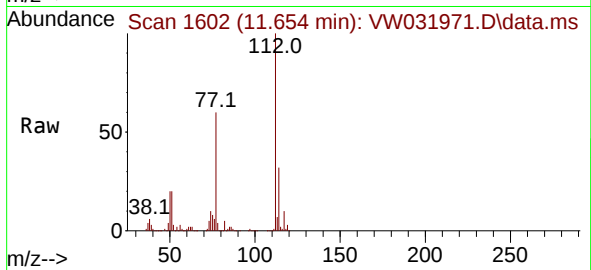




#65
Chlorobenzene
Concen: 53.387 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

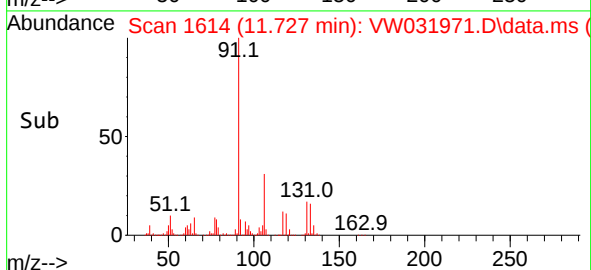
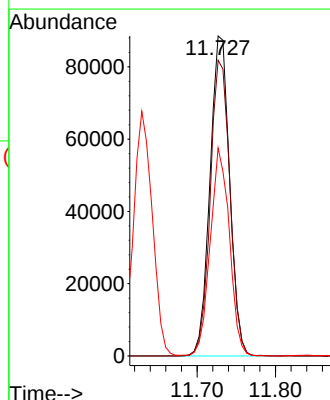
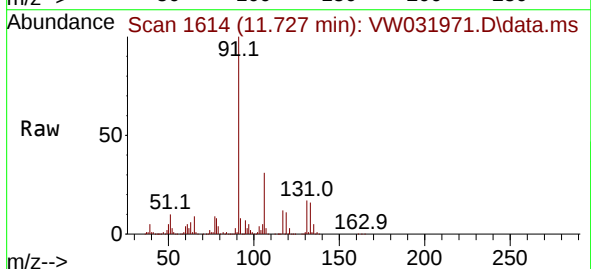
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

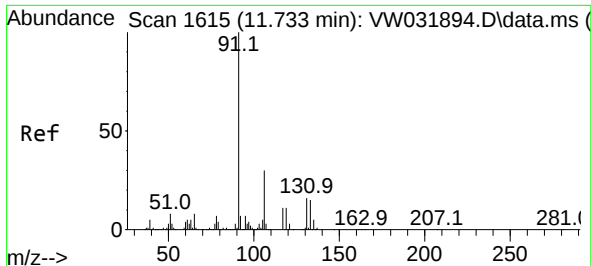
Tgt Ion:112 Resp: 461052
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.521 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:131 Resp: 154000
Ion Ratio Lower Upper
131 100
133 92.8 48.1 144.4
119 63.6 33.7 101.1





#67

Ethyl Benzene

Concen: 55.092 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

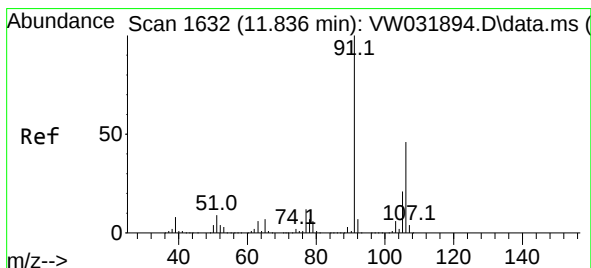
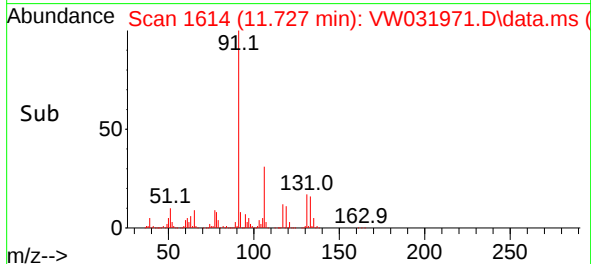
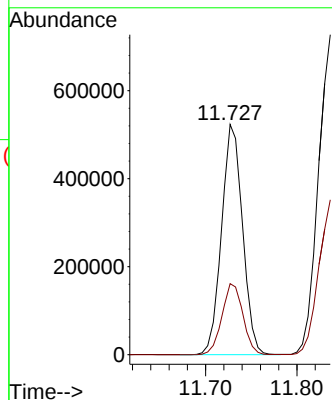
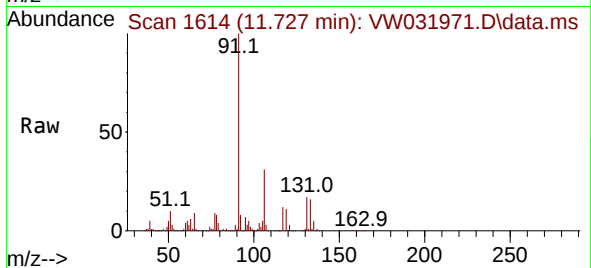
VSTDCCC050

Tgt Ion: 91 Resp: 835941

Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6



#68

m/p-Xylenes

Concen: 110.164 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031971.D

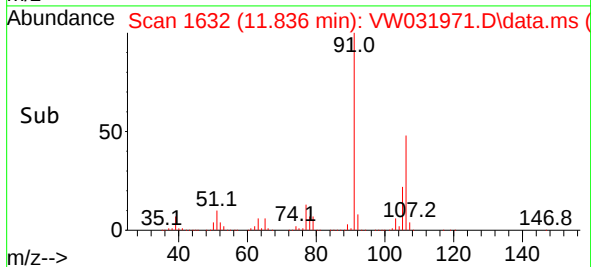
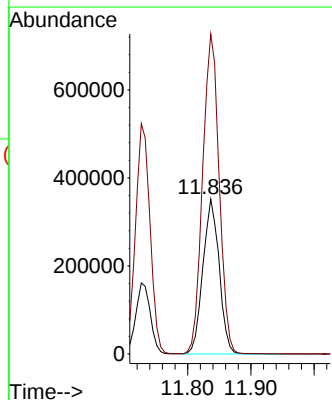
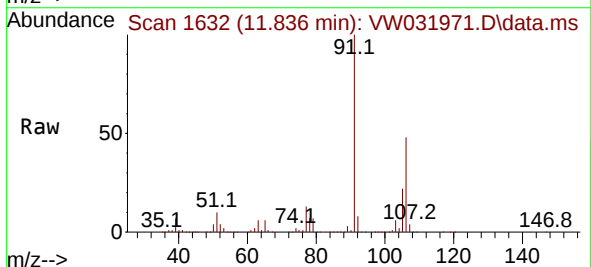
Acq: 01 Aug 2025 08:21

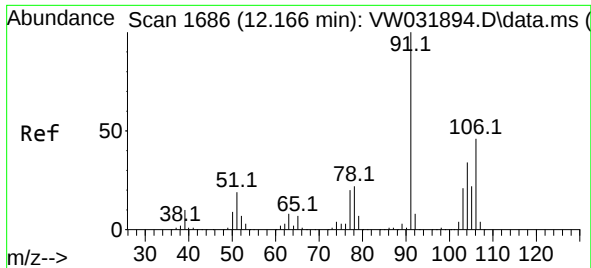
Tgt Ion:106 Resp: 629273

Ion Ratio Lower Upper

106 100

91 210.7 167.7 251.5

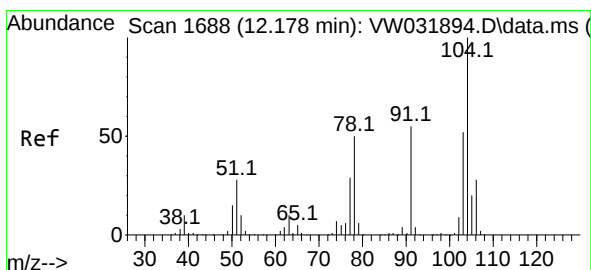
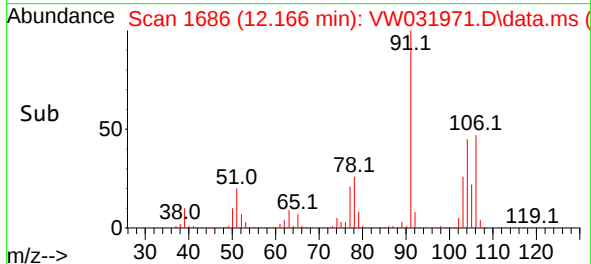
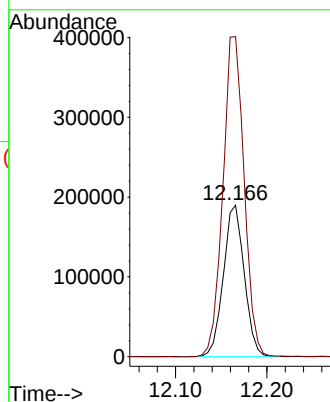
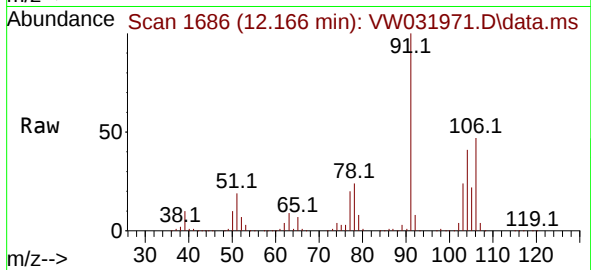




#69
o-Xylene
Concen: 55.646 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

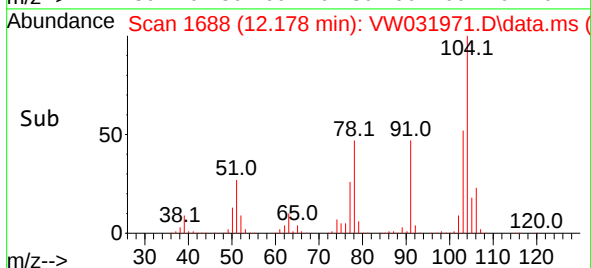
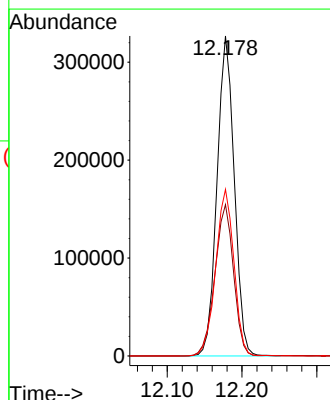
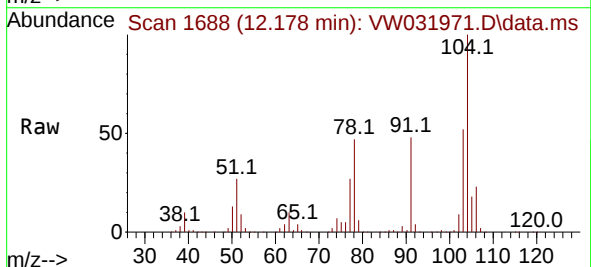
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

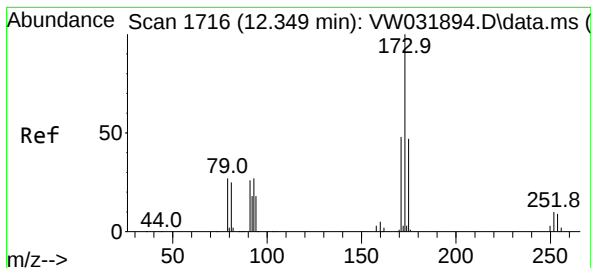
Tgt Ion:106 Resp: 300812
Ion Ratio Lower Upper
106 100
91 216.1 108.2 324.6



#70
Styrene
Concen: 57.041 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:104 Resp: 524997
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.4
103 55.2 42.8 64.2





#71

Bromoform

Concen: 60.255 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

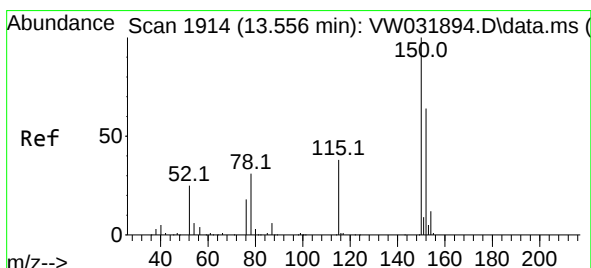
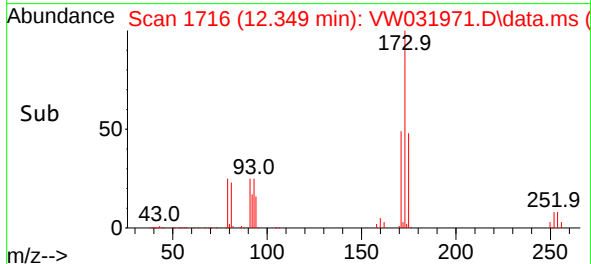
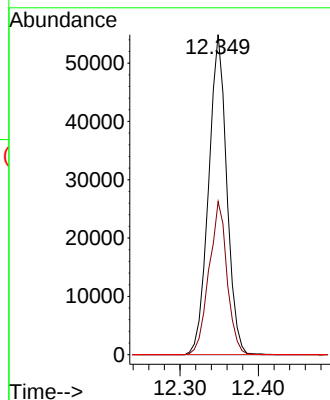
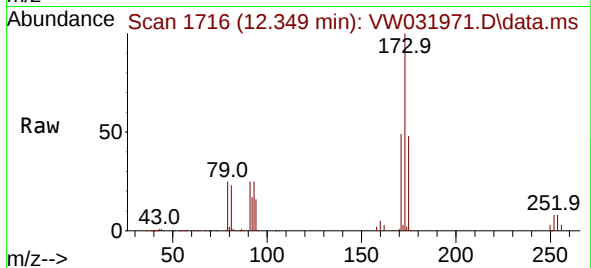
Tgt Ion:173 Resp: 88226

Ion Ratio Lower Upper

173 100

175 47.6 24.5 73.5

254 0.0 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: VW031971.D

Acq: 01 Aug 2025 08:21

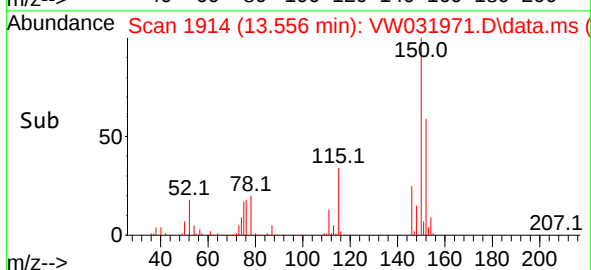
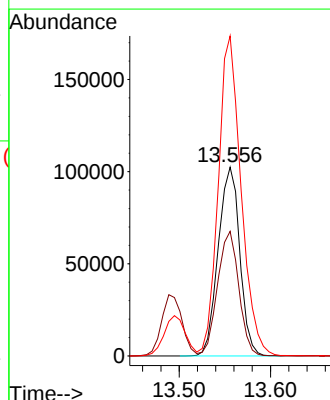
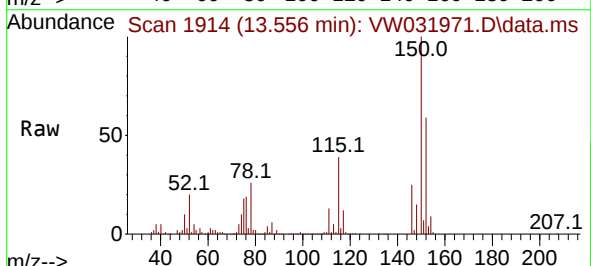
Tgt Ion:152 Resp: 168273

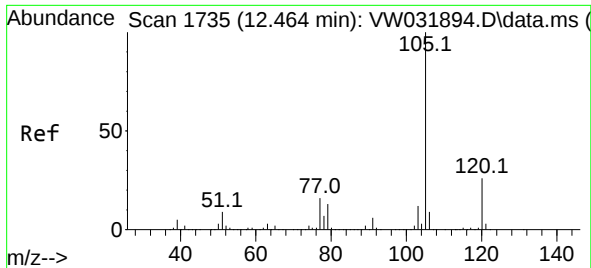
Ion Ratio Lower Upper

152 100

115 65.2 33.4 100.1

150 179.1 0.0 352.2

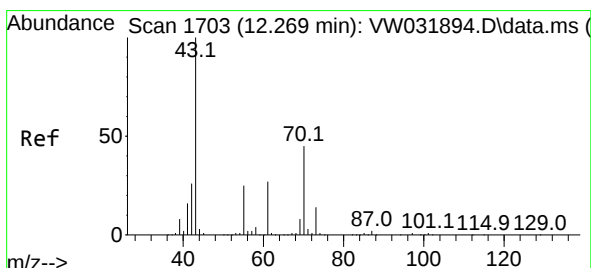
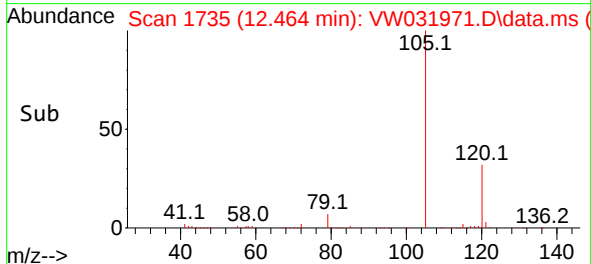
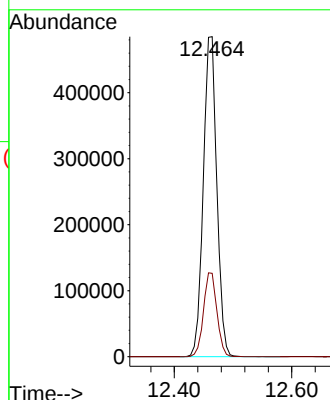
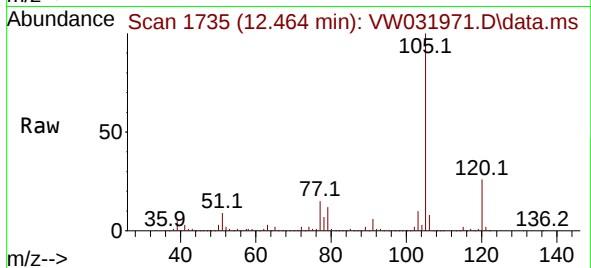




#73
Isopropylbenzene
Concen: 53.083 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

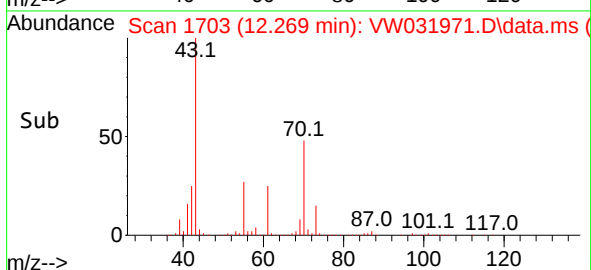
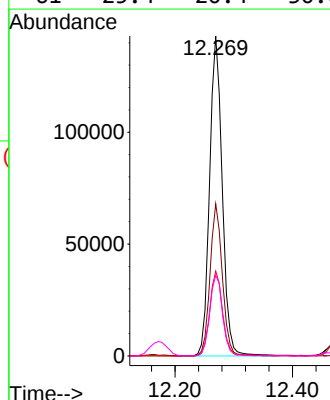
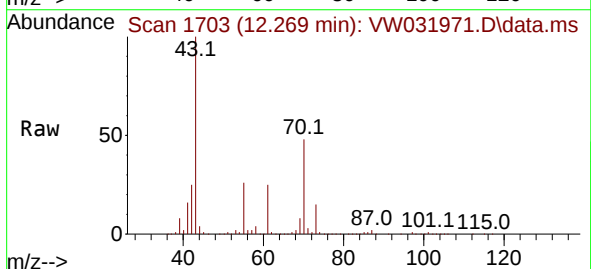
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

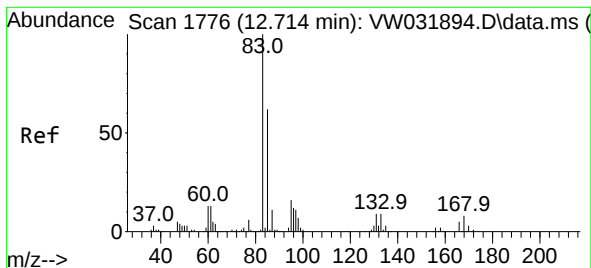
Tgt Ion:105 Resp: 775034
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8



#74
N-ethyl acetate
Concen: 54.340 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 43 Resp: 214488
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 27.0 20.7 31.1
61 25.4 20.4 30.6

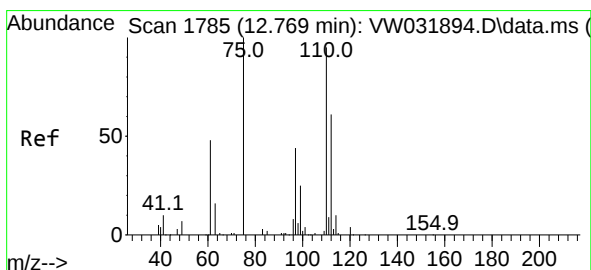
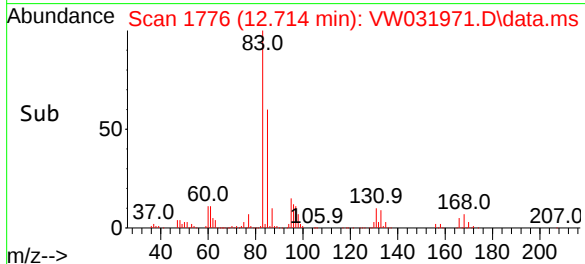
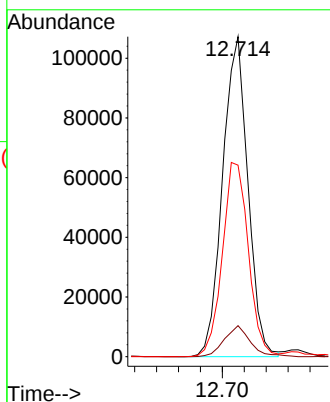
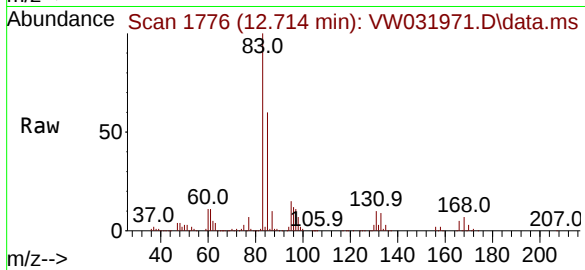




#75
1,1,2,2-Tetrachloroethane
Concen: 55.405 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

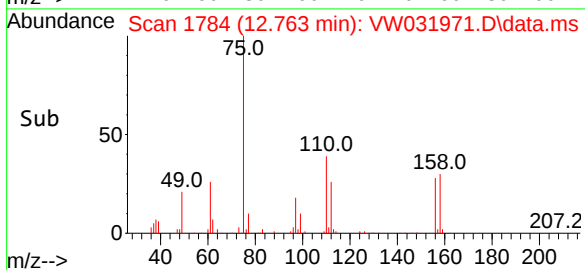
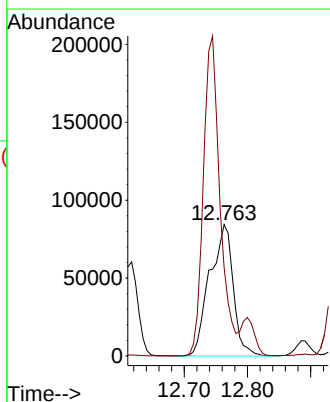
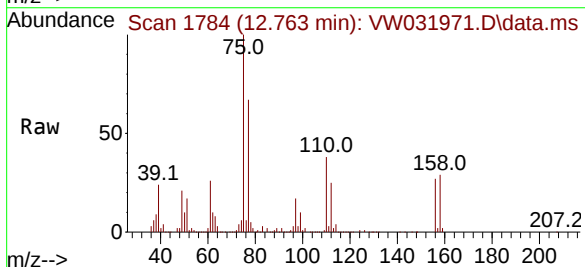
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

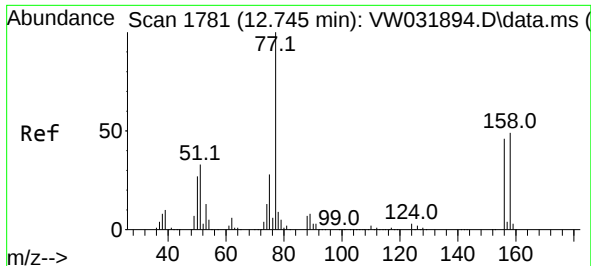
Tgt Ion: 83 Resp: 171707
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 62.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 93.201 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 75 Resp: 216530
Ion Ratio Lower Upper
75 100
77 173.7 0.0 0.0#

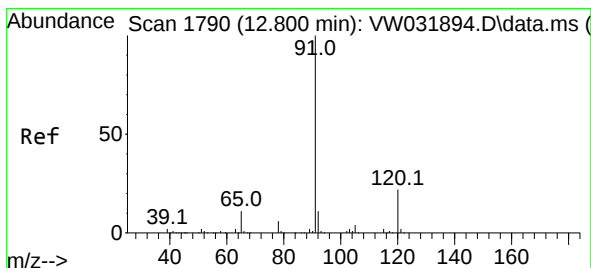
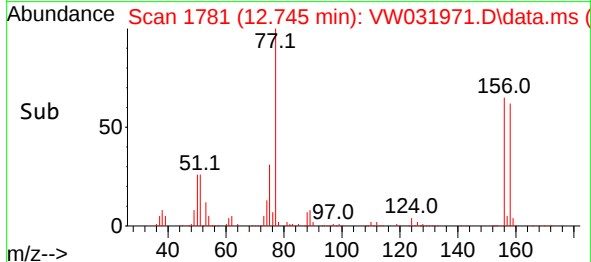
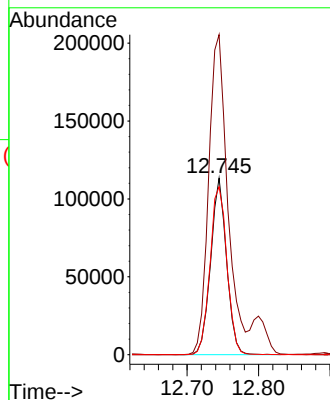
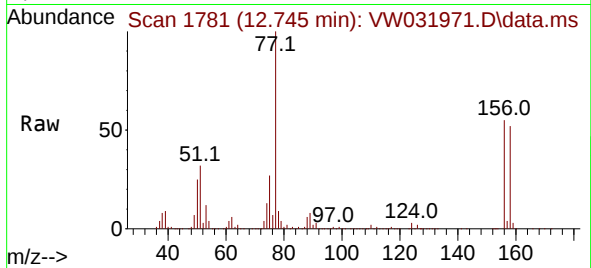




#77
Bromobenzene
Concen: 55.328 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

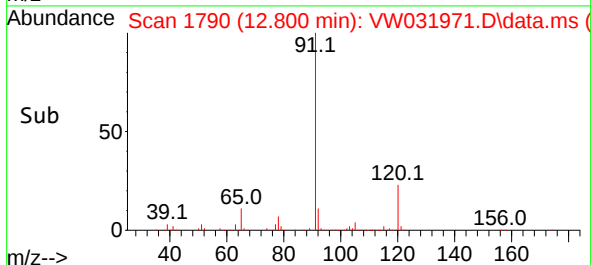
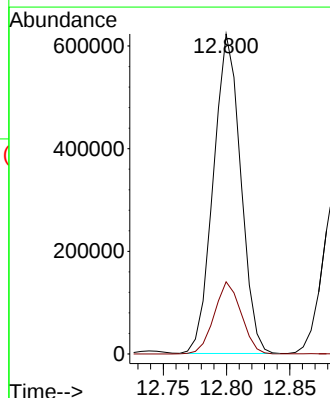
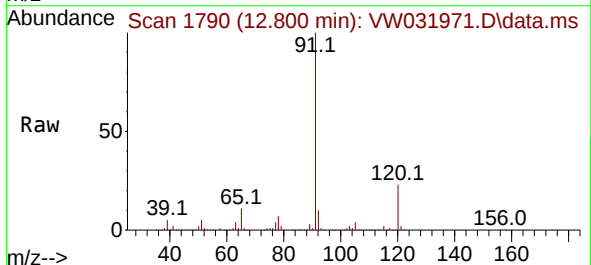
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

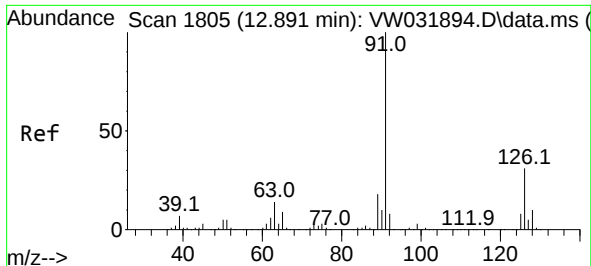
Tgt Ion:156 Resp: 174785
Ion Ratio Lower Upper
156 100
77 215.2 115.3 345.8
158 101.7 50.1 150.3



#78
n-propylbenzene
Concen: 52.211 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 91 Resp: 936246
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6

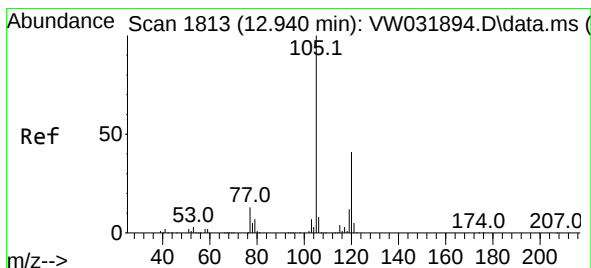
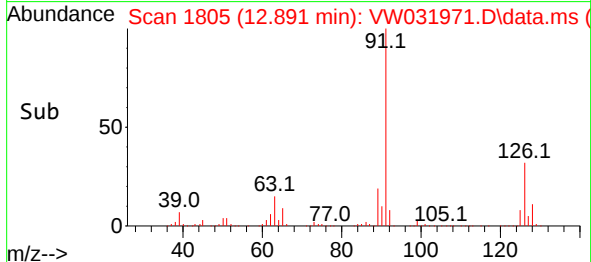
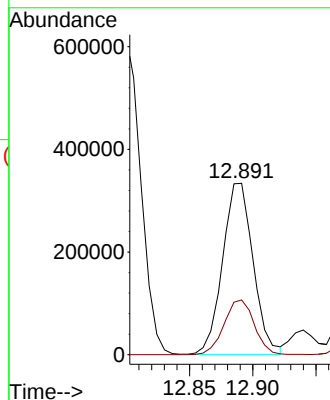
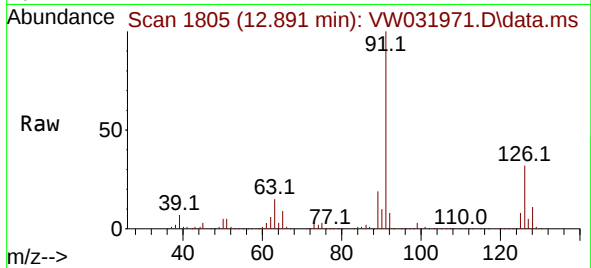




#79
2-Chlorotoluene
Concen: 52.311 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

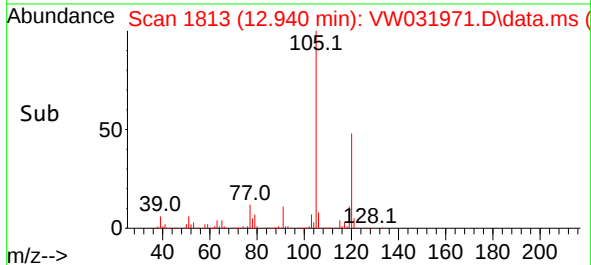
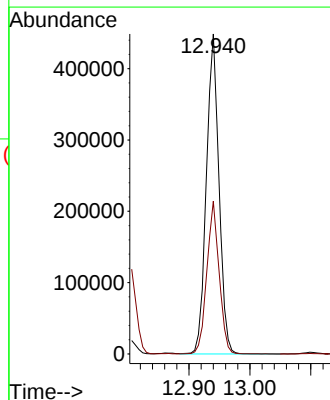
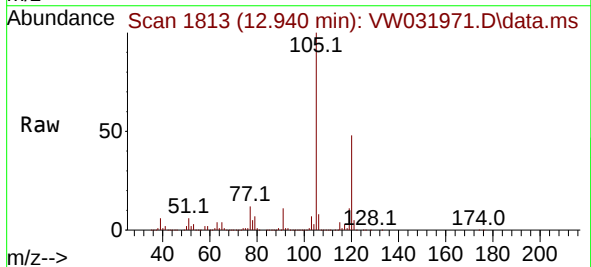
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

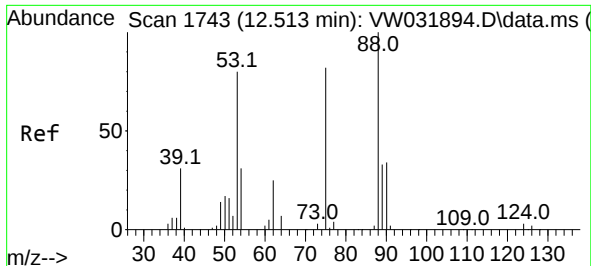
Tgt Ion: 91 Resp: 560072
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 52.683 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion: 105 Resp: 645113
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5

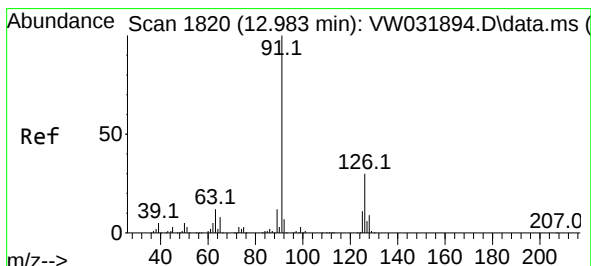
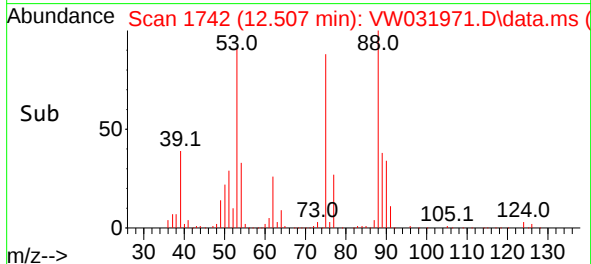
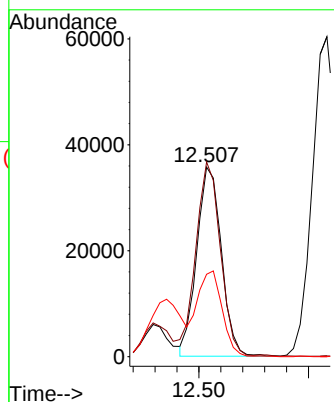
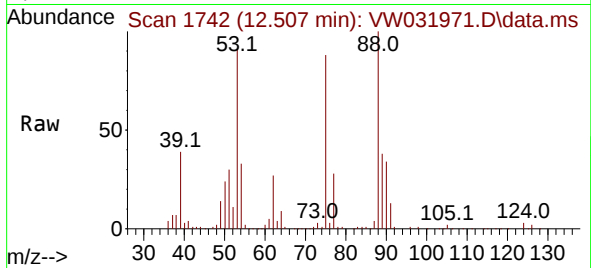




#81
trans-1,4-Dichloro-2-butene
Concen: 55.201 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

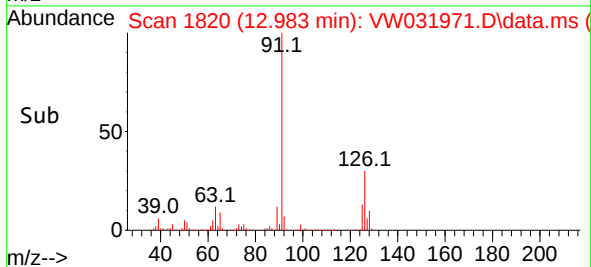
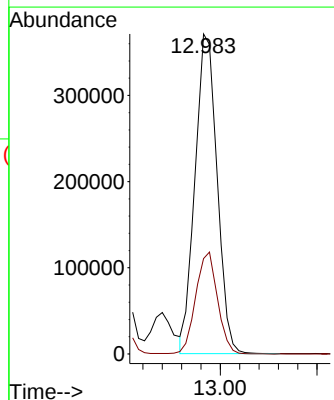
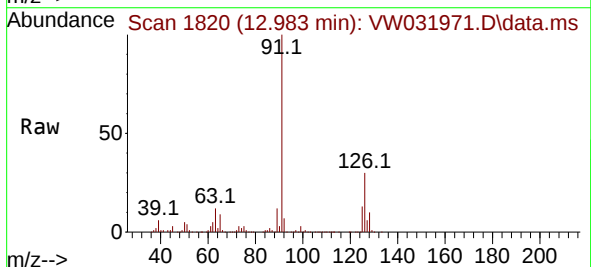
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

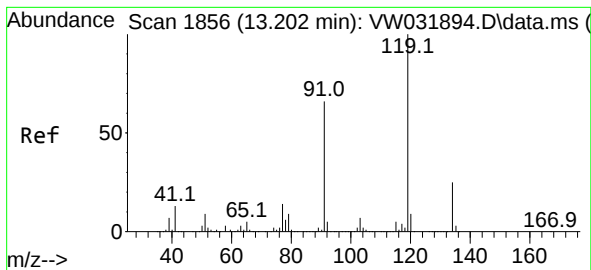
Tgt Ion:	75	Resp:	55549
Ion	Ratio	Lower	Upper
75	100		
53	103.3	83.7	125.5
89	46.8	39.0	58.6



#82
4-Chlorotoluene
Concen: 52.442 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:	91	Resp:	589037
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3

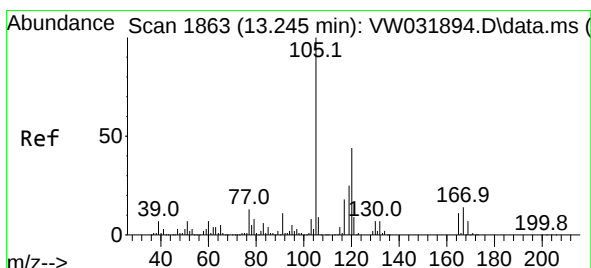
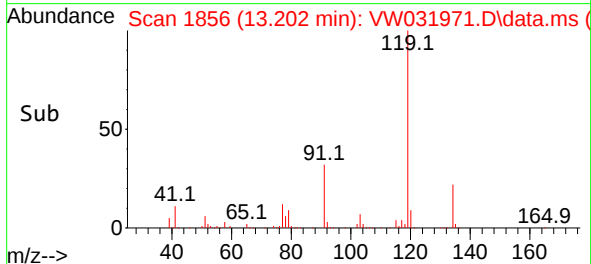
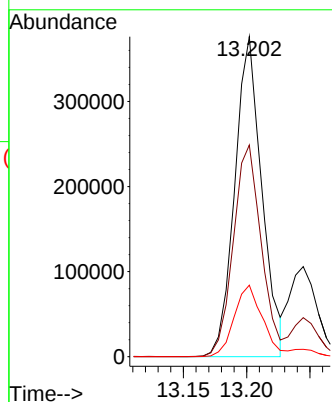
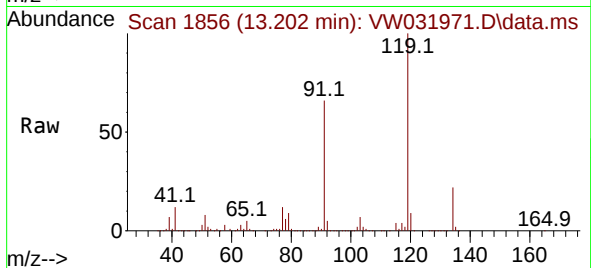




#83
tert-Butylbenzene
Concen: 53.787 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

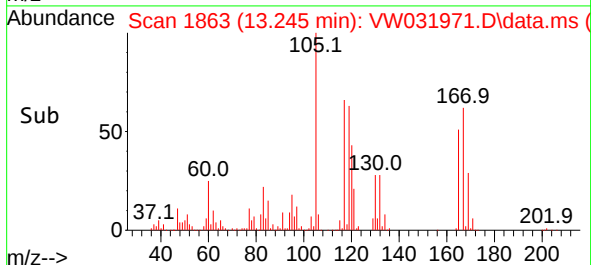
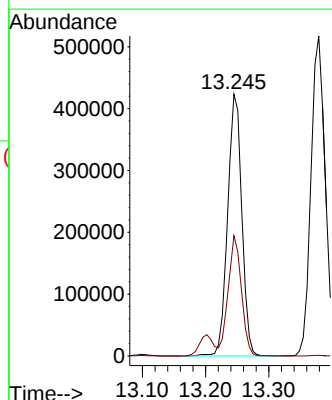
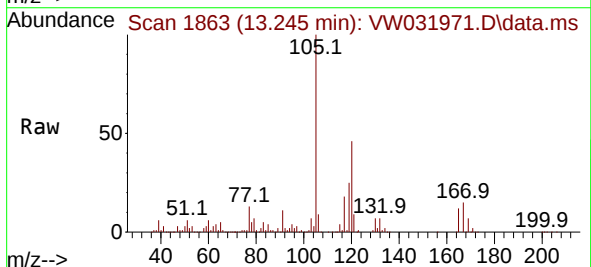
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

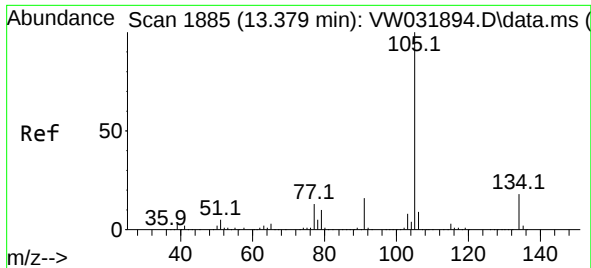
Tgt Ion:119 Resp: 561026
Ion Ratio Lower Upper
119 100
91 68.2 35.5 106.5
134 23.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 53.090 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031971.D
Acq: 01 Aug 2025 08:21

Tgt Ion:105 Resp: 658001
Ion Ratio Lower Upper
105 100
120 42.8 21.3 63.9

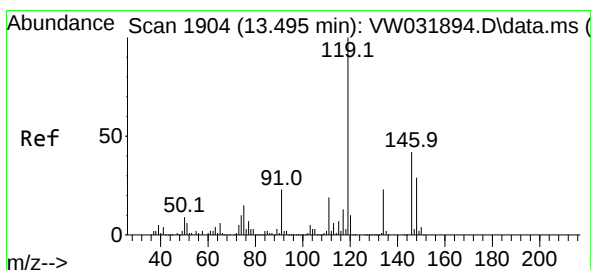
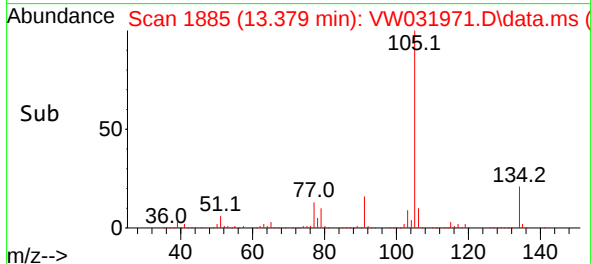
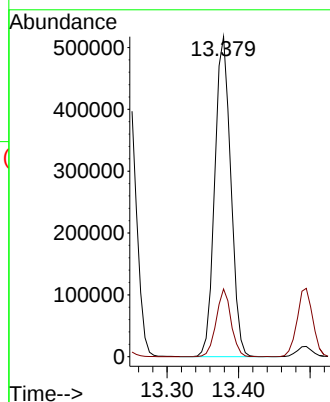
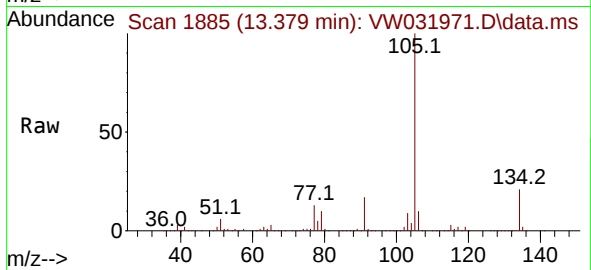




#85
 sec-Butylbenzene
 Concen: 51.317 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

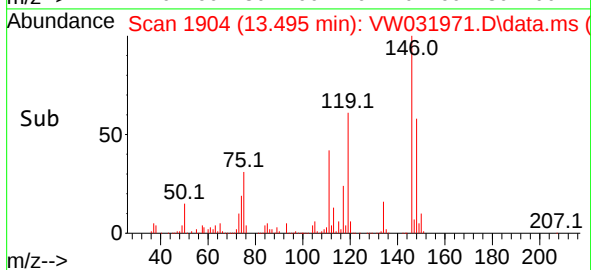
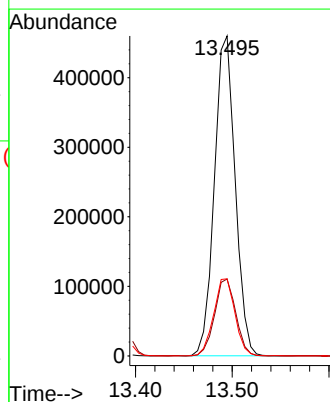
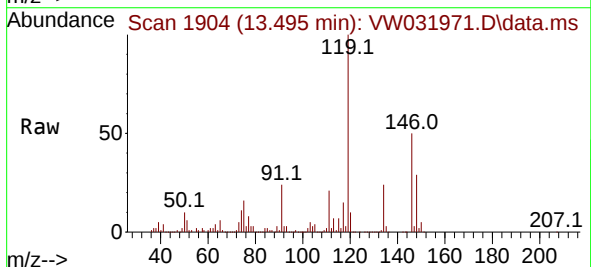
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

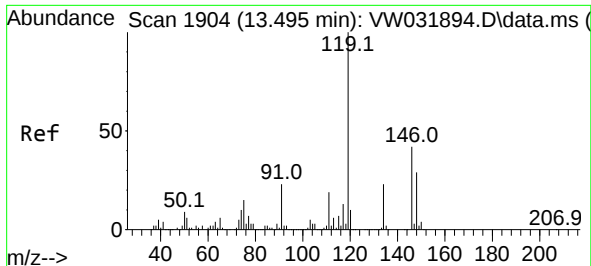
Tgt Ion:105 Resp: 803827
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 52.921 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031971.D
 Acq: 01 Aug 2025 08:21

Tgt Ion:119 Resp: 685162
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 39.0
 91 24.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 52.377 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

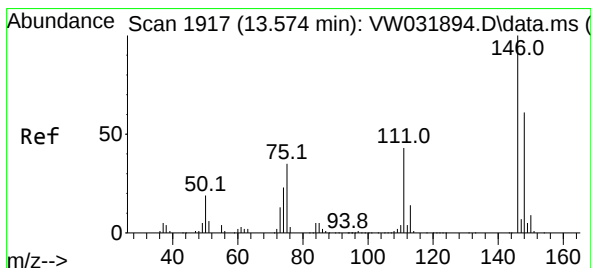
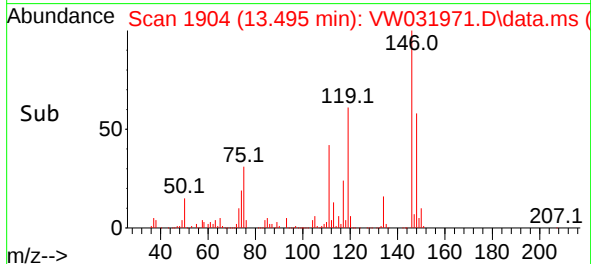
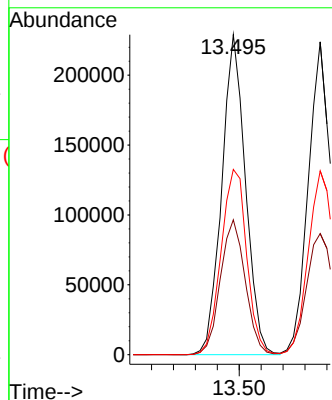
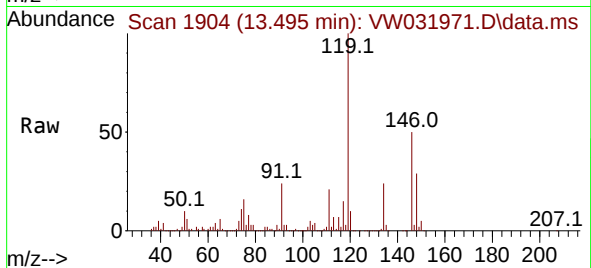
Tgt Ion:146 Resp: 344427

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.7

148 62.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.427 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

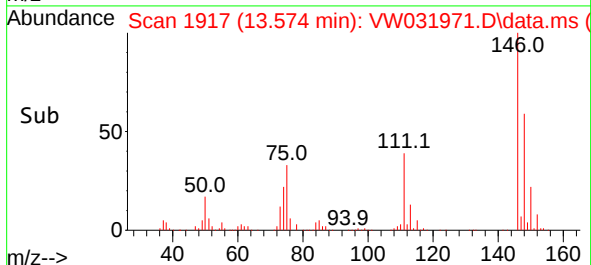
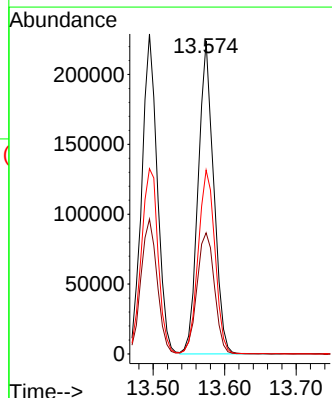
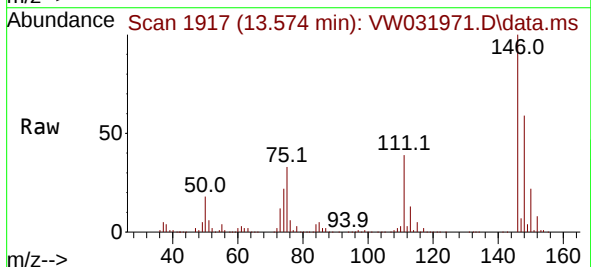
Tgt Ion:146 Resp: 337723

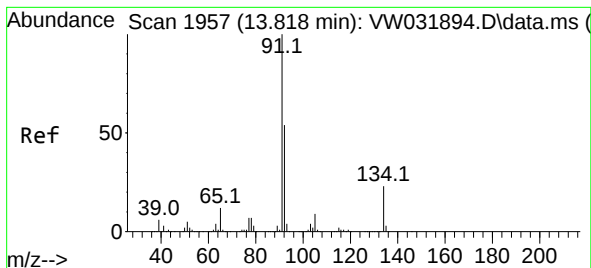
Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 52.221 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

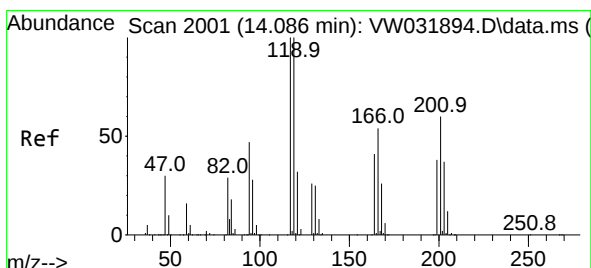
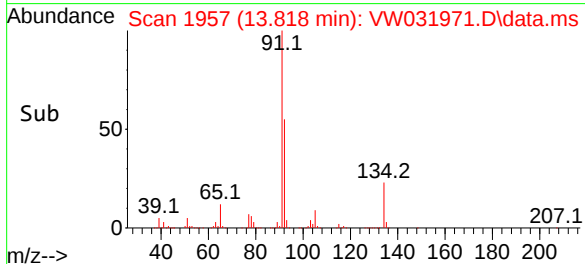
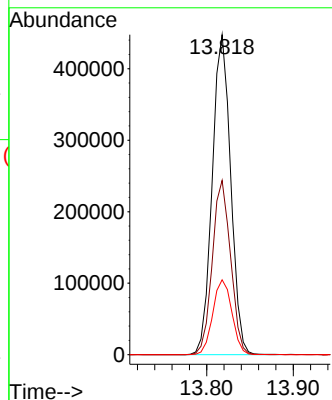
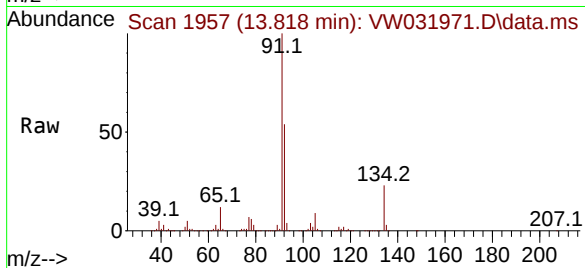
Tgt Ion: 91 Resp: 663246

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 24.2 11.6 34.7



#90

Hexachloroethane

Concen: 54.161 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW031971.D

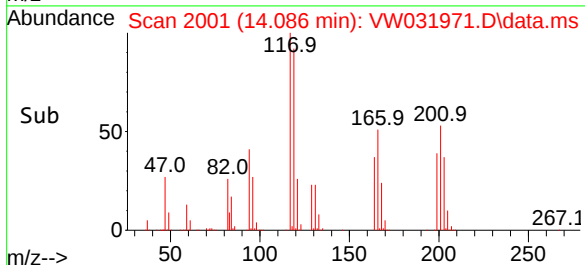
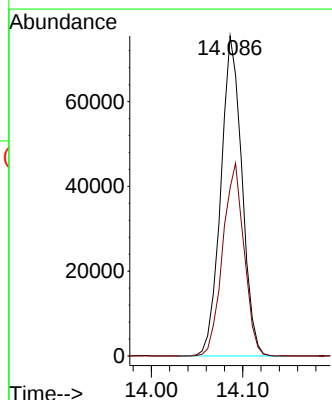
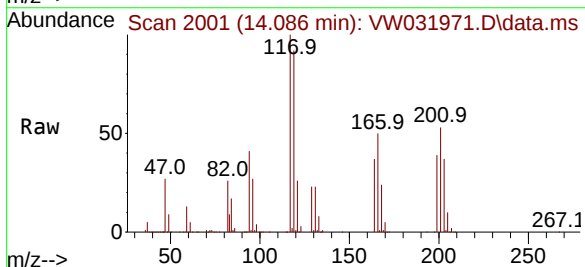
Acq: 01 Aug 2025 08:21

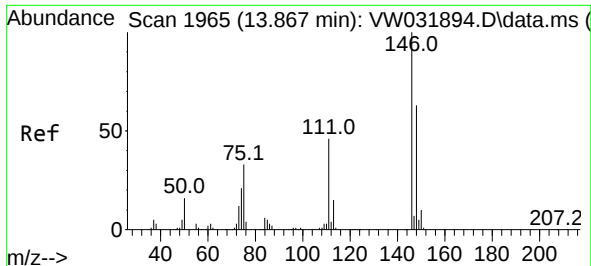
Tgt Ion: 117 Resp: 121255

Ion Ratio Lower Upper

117 100

201 60.9 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 52.276 ug/l

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

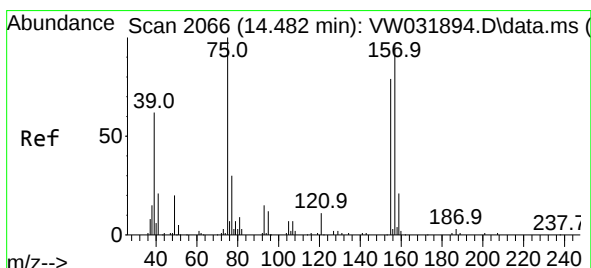
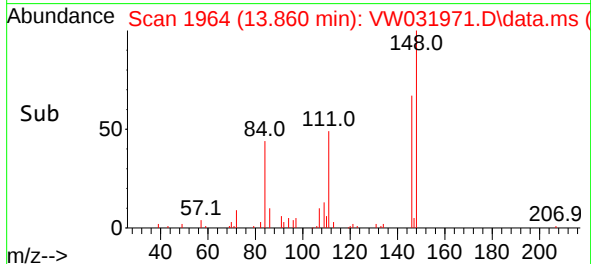
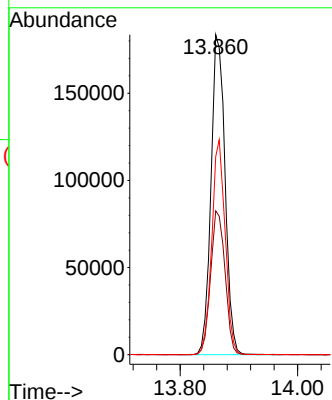
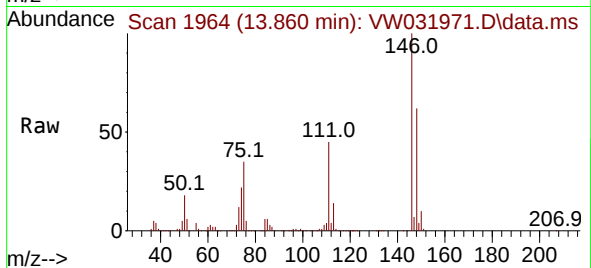
Tgt Ion:146 Resp: 304656

Ion Ratio Lower Upper

146 100

111 46.2 23.6 71.0

148 64.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.947 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

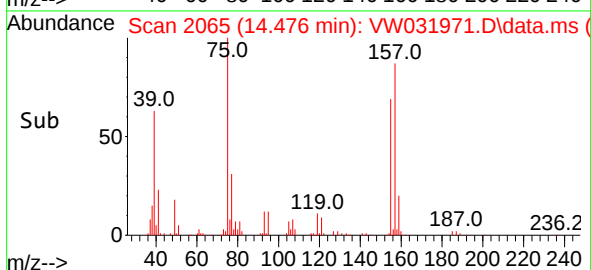
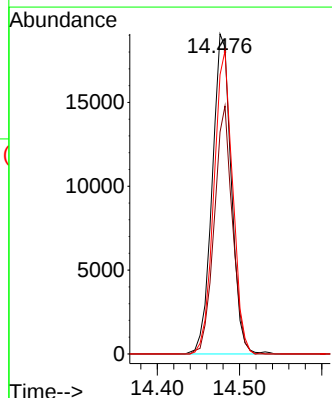
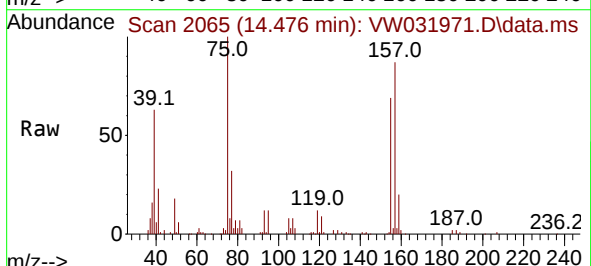
Tgt Ion: 75 Resp: 30765

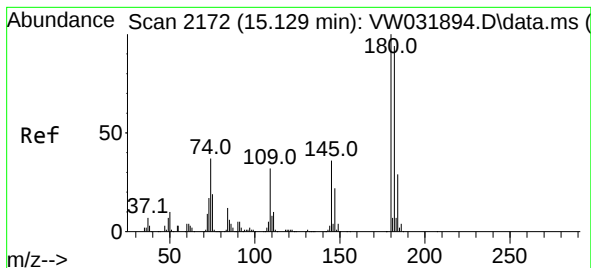
Ion Ratio Lower Upper

75 100

155 74.0 35.9 107.7

157 93.1 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 53.269 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

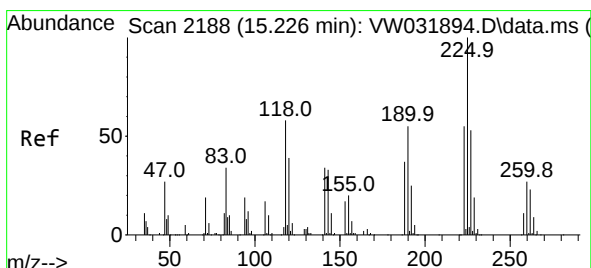
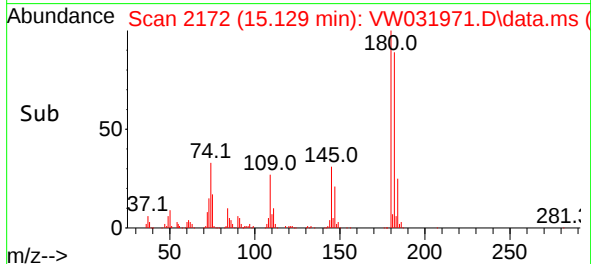
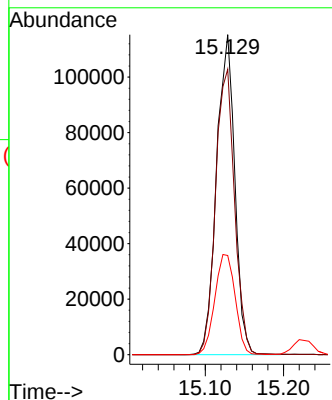
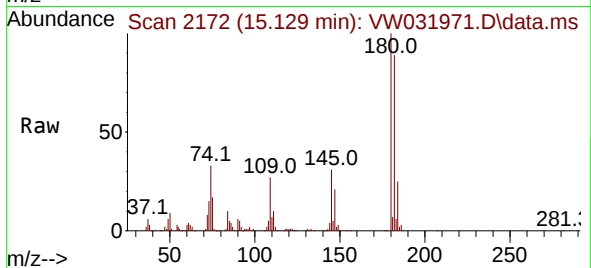
Tgt Ion:180 Resp: 187220

Ion Ratio Lower Upper

180 100

182 92.9 51.0 153.1

145 34.9 18.4 55.4



#94

Hexachlorobutadiene

Concen: 51.438 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

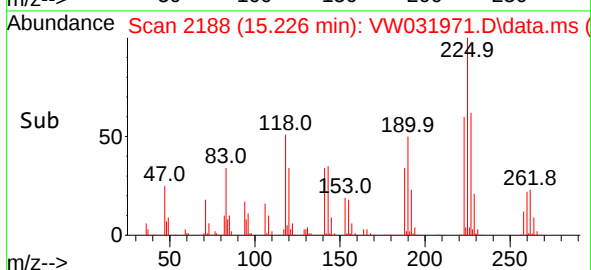
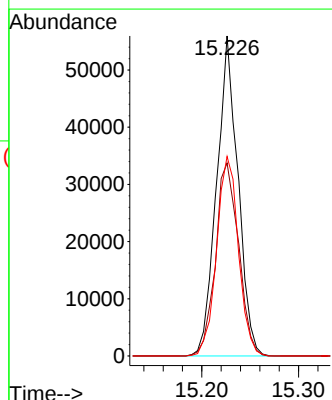
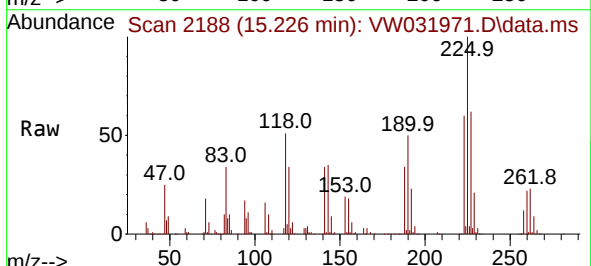
Tgt Ion:225 Resp: 85665

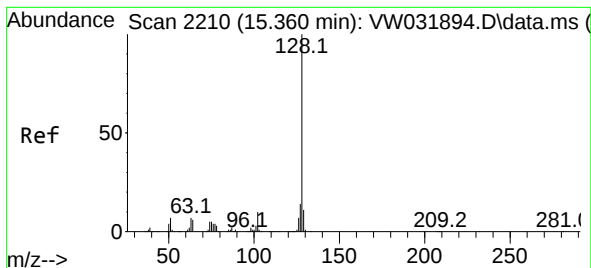
Ion Ratio Lower Upper

225 100

223 65.1 30.9 92.7

227 63.7 30.0 90.1





#95

Naphthalene

Concen: 55.201 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

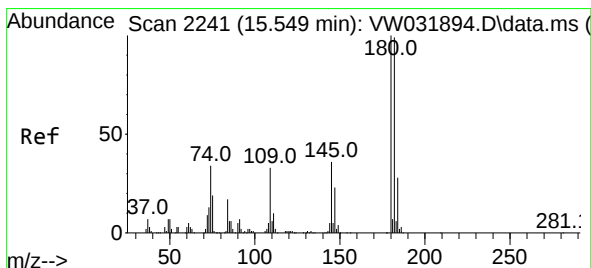
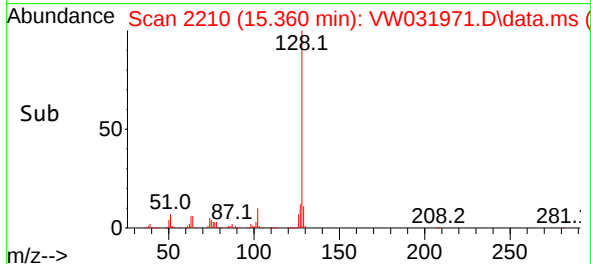
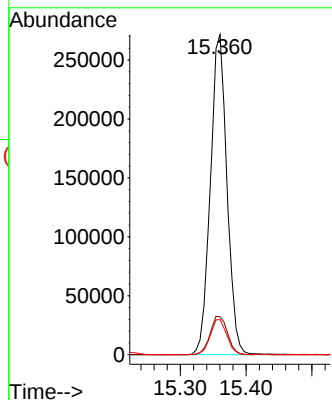
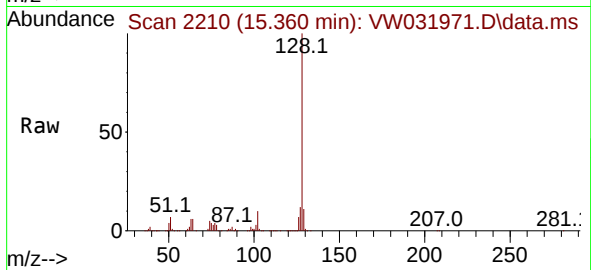
Tgt Ion:128 Resp: 476978

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.0 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 53.582 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031971.D

Acq: 01 Aug 2025 08:21

Tgt Ion:180 Resp: 170625

Ion Ratio Lower Upper

180 100

182 99.3 50.4 151.2

145 38.0 18.6 55.8

