

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032036.D
 Acq On : 07 Aug 2025 10:08
 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 08 04:05:03 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	218306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.843	114	410147	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.629	117	372672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	161477	48.897	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	97.800%		
35) Dibromofluoromethane	7.898	113	142295	51.057	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	102.120%		
50) Toluene-d8	10.325	98	543171	51.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	103.000%		
62) 4-Bromofluorobenzene	12.617	95	200915	49.606	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	99.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	81192	50.041	ug/l	99
3) Chloromethane	2.253	50	109368	52.518	ug/l	98
4) Vinyl Chloride	2.405	62	138493	51.195	ug/l	100
5) Bromomethane	2.826	94	101869	51.138	ug/l	99
6) Chloroethane	2.966	64	91678	51.348	ug/l	100
7) Trichlorofluoromethane	3.302	101	113201	41.315	ug/l	98
8) Diethyl Ether	3.716	74	87560	47.840	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	140926	53.473	ug/l	99
10) Methyl Iodide	4.308	142	197331	50.079	ug/l	98
11) Tert butyl alcohol	5.216	59	51902	267.371	ug/l	100
12) 1,1-Dichloroethene	4.076	96	153320	52.671	ug/l	95
13) Acrolein	3.923	56	11429	34.079	ug/l	99
14) Allyl chloride	4.698	41	224842	49.618	ug/l	99
15) Acrylonitrile	5.399	53	203770	249.026	ug/l	98
16) Acetone	4.155	43	192000	245.008	ug/l	95
17) Carbon Disulfide	4.423	76	386347	51.176	ug/l	98
18) Methyl Acetate	4.704	43	114211	52.900	ug/l	100
19) Methyl tert-butyl Ether	5.454	73	265712	52.830	ug/l	97
20) Methylene Chloride	4.948	84	167010	49.813	ug/l	98
21) trans-1,2-Dichloroethene	5.448	96	160982	52.123	ug/l	98
22) Diisopropyl ether	6.338	45	464935	51.275	ug/l	99
23) Vinyl Acetate	6.277	43	1494378	252.263	ug/l	99
24) 1,1-Dichloroethane	6.240	63	297497	52.696	ug/l	99
25) 2-Butanone	7.191	43	270649	252.423	ug/l	96
26) 2,2-Dichloropropane	7.179	77	161890	50.652	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	194791	53.648	ug/l	98
28) Bromochloromethane	7.526	49	106395	45.011	ug/l	96
29) Tetrahydrofuran	7.551	42	176395	250.929	ug/l	100
30) Chloroform	7.685	83	312727	52.832	ug/l	99
31) Cyclohexane	7.965	56	252226	49.800	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	234461	52.053	ug/l	98
36) 1,1-Dichloropropene	8.093	75	222199	51.915	ug/l	100
37) Ethyl Acetate	7.270	43	111982	45.864	ug/l	99
38) Carbon Tetrachloride	8.081	117	215264	52.406	ug/l	94
39) Methylcyclohexane	9.337	83	280721	52.118	ug/l	98
40) Benzene	8.331	78	668643	52.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	71352	48.818	ug/l	95
42) 1,2-Dichloroethane	8.410	62	202950	50.050	ug/l	98
43) Isopropyl Acetate	8.435	43	215912	48.848	ug/l	99
44) Trichloroethene	9.099	130	161652	53.677	ug/l	95
45) 1,2-Dichloropropane	9.374	63	159221	52.181	ug/l	97
46) Dibromomethane	9.465	93	98710	52.186	ug/l	99
47) Bromodichloromethane	9.648	83	238519	52.588	ug/l	98
48) Methyl methacrylate	9.441	41	103965	49.439	ug/l	97
49) 1,4-Dioxane	9.459	88	23584	1249.561	ug/l	100
51) 4-Methyl-2-Pentanone	10.209	43	595446	246.155	ug/l	99
52) Toluene	10.386	92	428304	52.587	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	227603	52.313	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	260304	52.390	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	128945	51.321	ug/l	91
56) Ethyl methacrylate	10.648	69	185020	52.141	ug/l	98
57) 1,3-Dichloropropane	10.928	76	224230	50.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.922	63	410494	225.217	ug/l	100
59) 2-Hexanone	10.965	43	416151	247.498	ug/l	99
60) Dibromochloromethane	11.129	129	152059	51.908	ug/l	100
61) 1,2-Dibromoethane	11.233	107	127122	51.204	ug/l	100
64) Tetrachloroethene	10.861	164	123708	50.348	ug/l	92
65) Chlorobenzene	11.654	112	457345	50.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	145343	51.402	ug/l	99
67) Ethyl Benzene	11.727	91	824554	51.453	ug/l	98
68) m/p-Xylenes	11.837	106	633474	105.003	ug/l	100
69) o-Xylene	12.160	106	298603	52.301	ug/l	98
70) Styrene	12.178	104	513413	52.816	ug/l	98
71) Bromoform	12.343	173	77856	50.346	ug/l #	98
73) Isopropylbenzene	12.459	105	776651	51.488	ug/l	99
74) N-amyl acetate	12.270	43	198592	48.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	152795	47.722	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	198904	82.870	ug/l #	100
77) Bromobenzene	12.739	156	165155	50.604	ug/l	97
78) n-propylbenzene	12.800	91	934432	50.439	ug/l	99
79) 2-Chlorotoluene	12.885	91	568974	51.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	651264	51.480	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	52673	50.665	ug/l	95
82) 4-Chlorotoluene	12.983	91	584624	50.381	ug/l	97
83) tert-Butylbenzene	13.202	119	568092	52.719	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	642127	50.148	ug/l	98
85) sec-Butylbenzene	13.379	105	817447	50.514	ug/l	98
86) p-Isopropyltoluene	13.489	119	670905	50.158	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	340592	50.134	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	320678	48.185	ug/l	97
89) n-Butylbenzene	13.818	91	676179	51.533	ug/l	99
90) Hexachloroethane	14.092	117	119549	51.687	ug/l	96
91) 1,2-Dichlorobenzene	13.861	146	298677	49.607	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26443	45.714	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	181354	49.946	ug/l	94
94) Hexachlorobutadiene	15.220	225	83291	48.409	ug/l	94
95) Naphthalene	15.354	128	437045	48.958	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	155356	47.223	ug/l	98

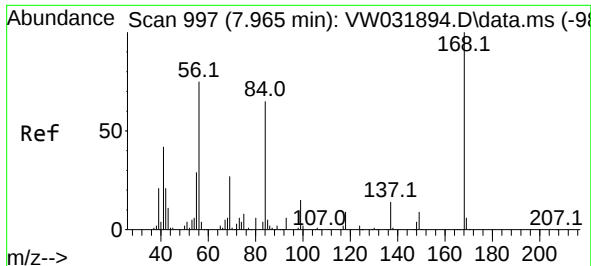
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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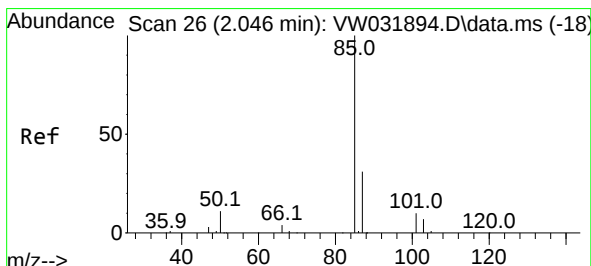
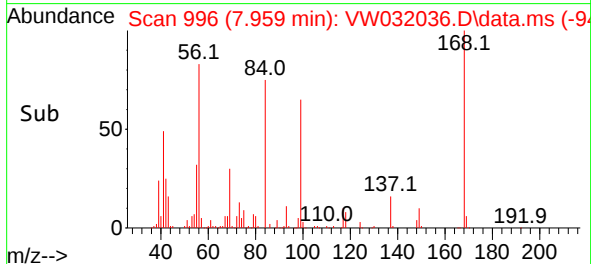
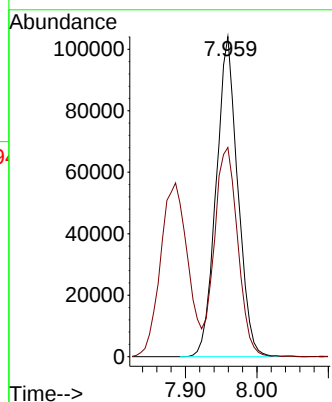
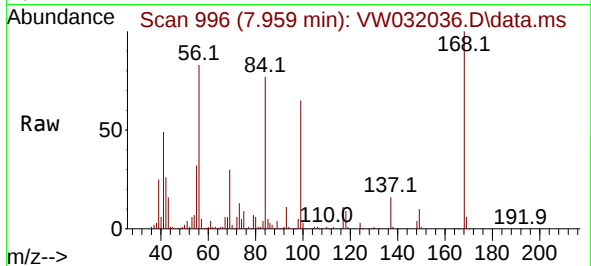
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

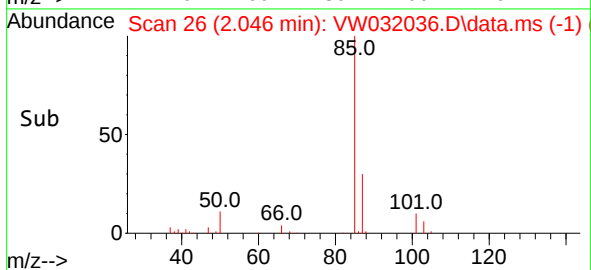
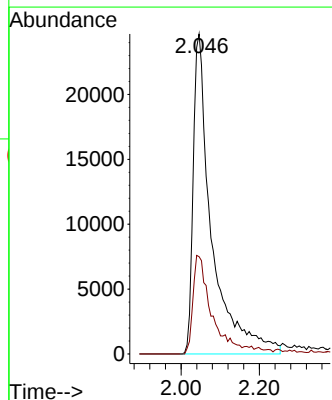
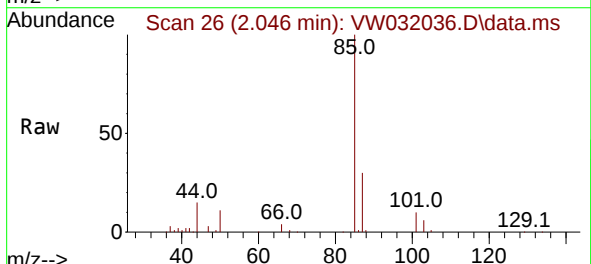
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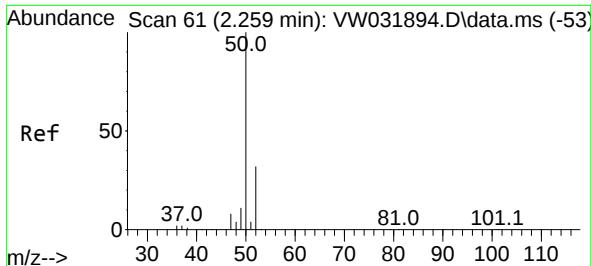
Tgt Ion:168 Resp: 218306
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 50.041 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 85 Resp: 81192
Ion Ratio Lower Upper
85 100
87 30.4 15.5 46.5

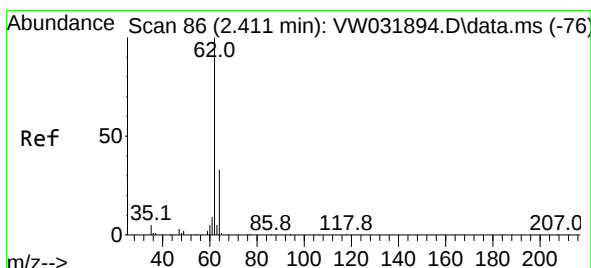
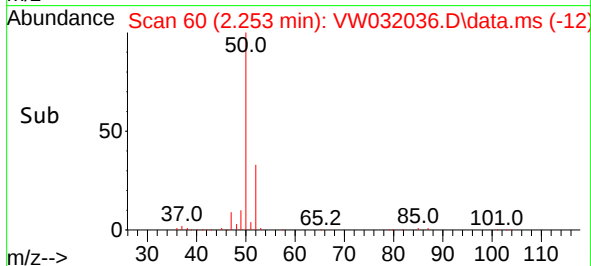
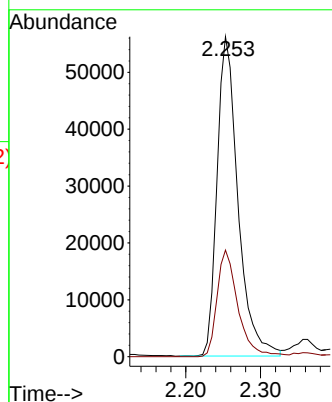
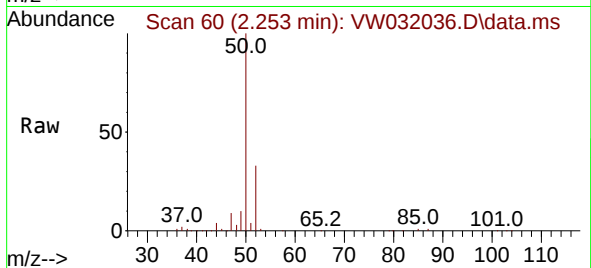




#3
Chloromethane
Concen: 52.518 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

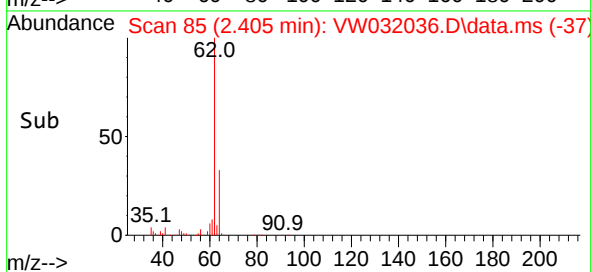
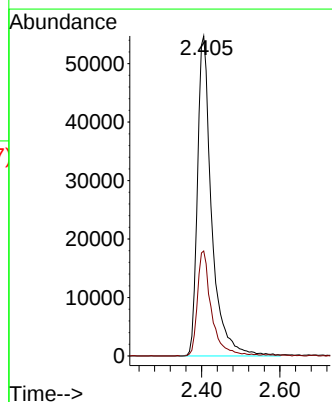
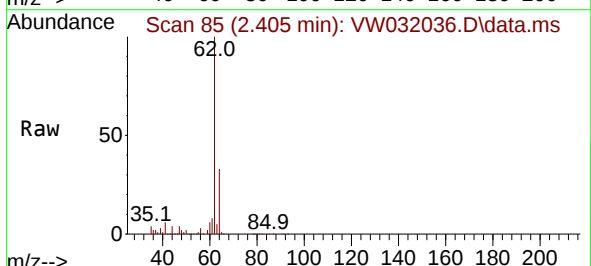
Instrument :
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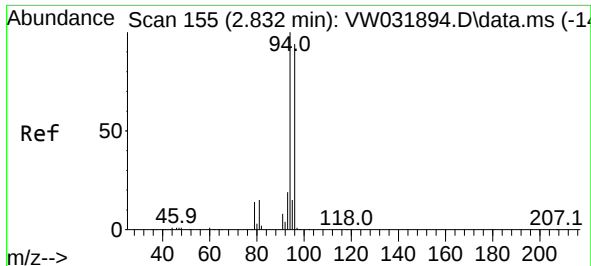
Tgt Ion: 50 Resp: 109368
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 51.195 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 62 Resp: 138493
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

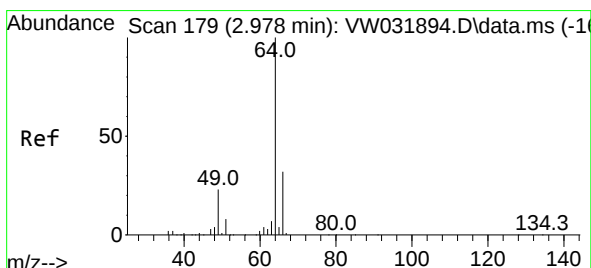
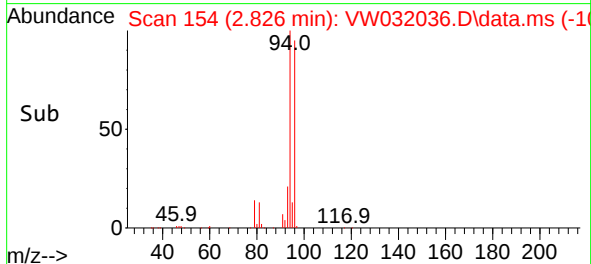
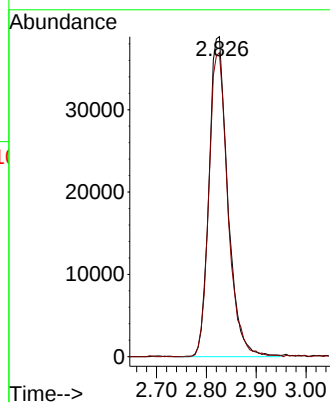
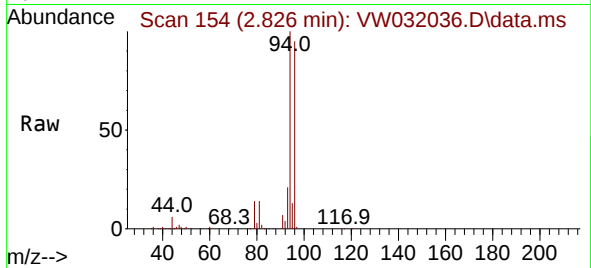




#5
Bromomethane
Concen: 51.138 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

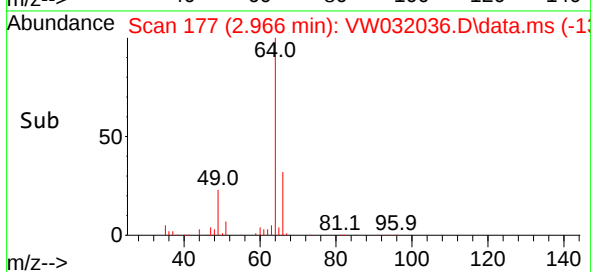
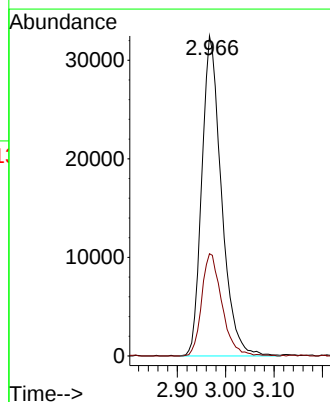
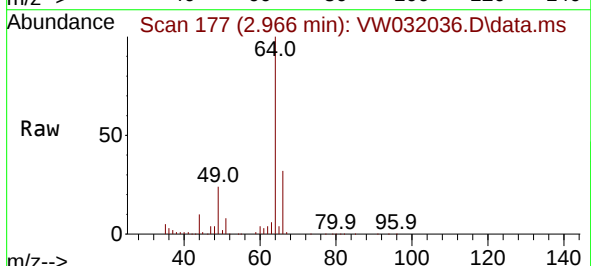
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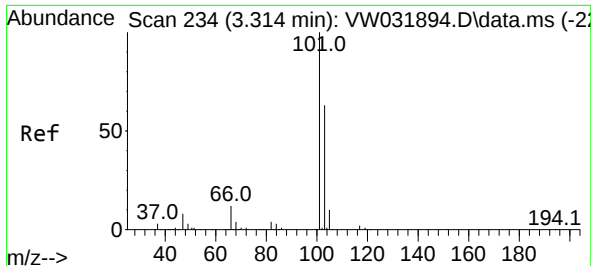
Tgt Ion: 94 Resp: 101869
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.6



#6
Chloroethane
Concen: 51.348 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW032036.D
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Tgt Ion: 64 Resp: 91678
Ion Ratio Lower Upper
64 100
66 31.9 25.6 38.4

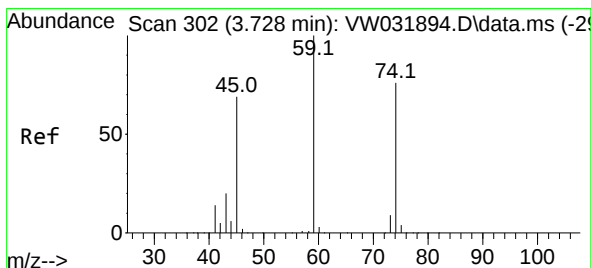
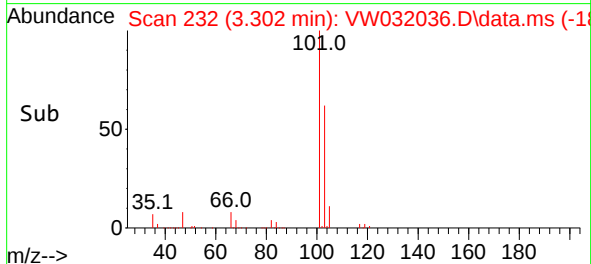
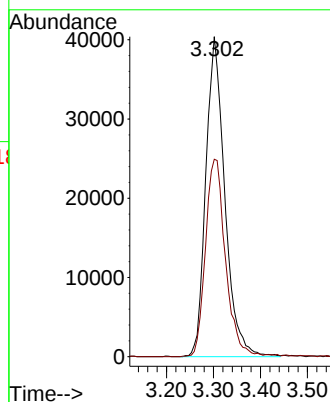
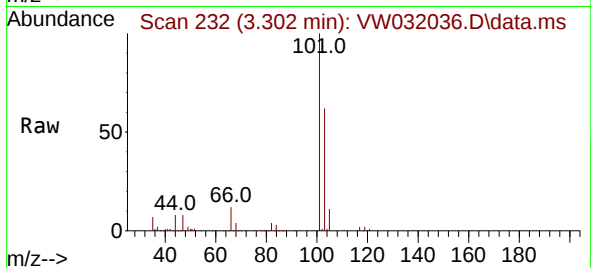




#7
 Trichlorofluoromethane
 Concen: 41.315 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

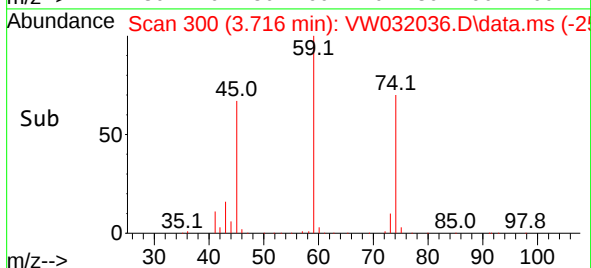
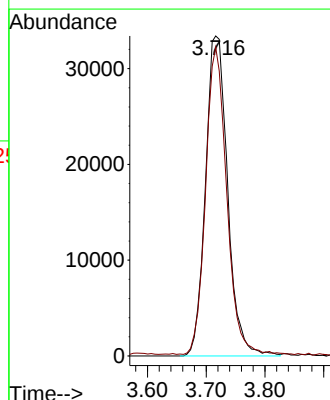
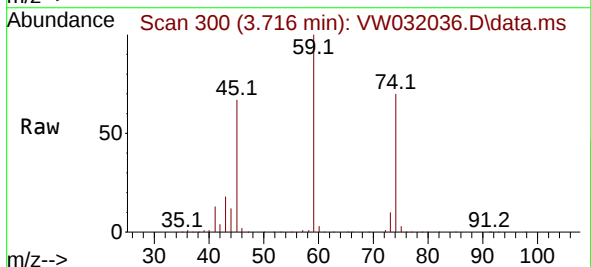
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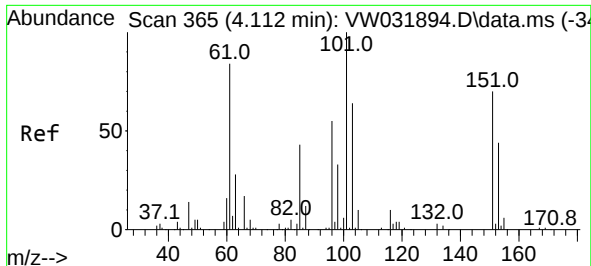
Tgt Ion:101 Resp: 113201
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.840 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

Tgt Ion: 74 Resp: 87560
 Ion Ratio Lower Upper
 74 100
 45 91.5 45.5 136.5

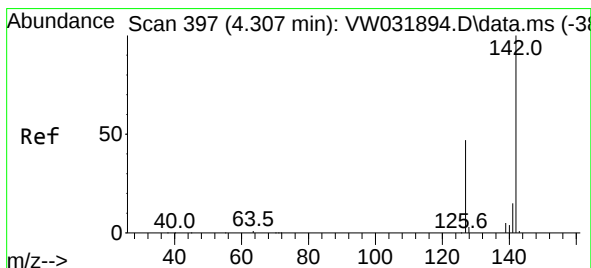
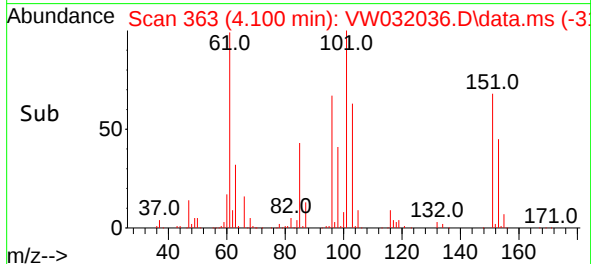
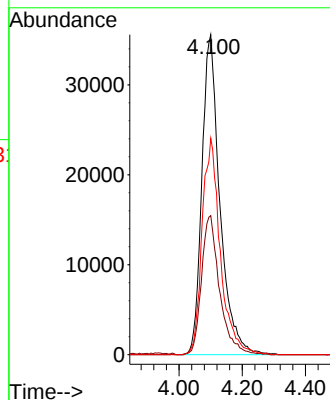
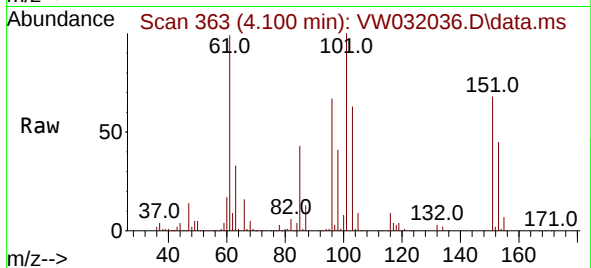




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.473 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW032036.D
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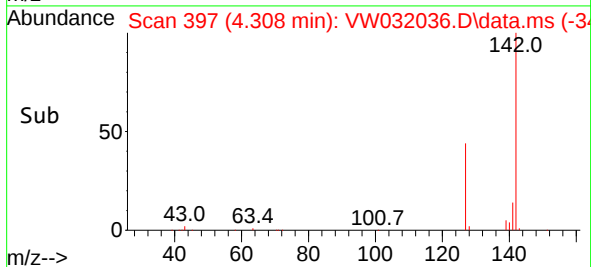
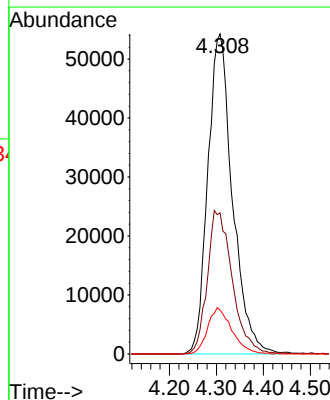
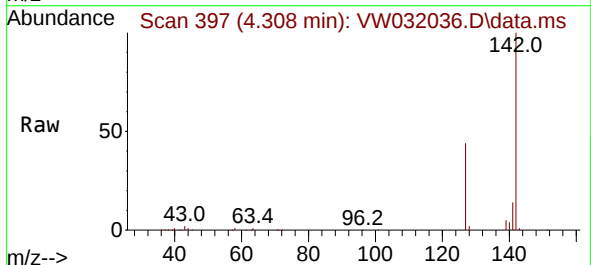
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

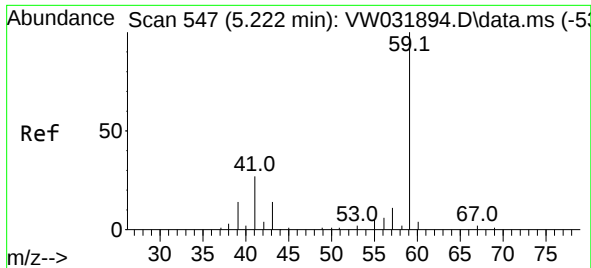
Tgt Ion:101 Resp: 140926
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 68.4 54.6 81.8



#10
Methyl Iodide
Concen: 50.079 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:142 Resp: 197331
Ion Ratio Lower Upper
142 100
127 45.5 37.4 56.2
141 14.2 11.9 17.9

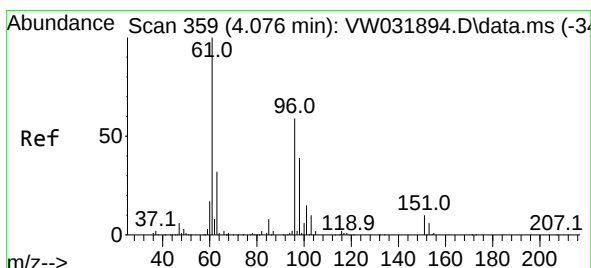
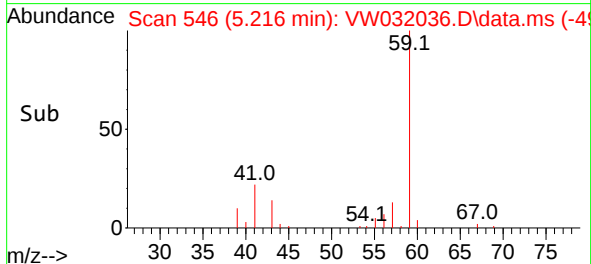
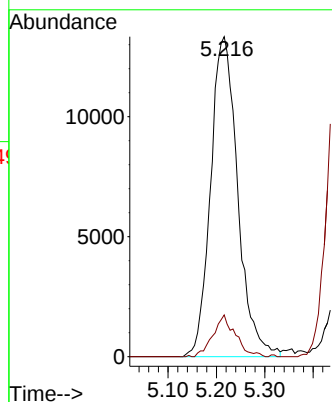
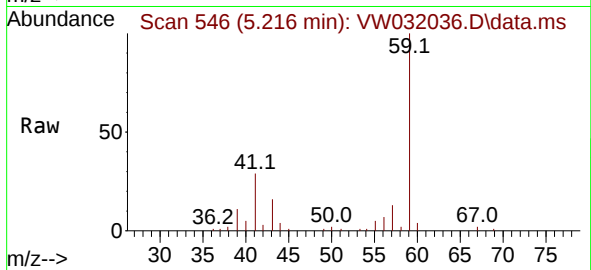




#11
Tert butyl alcohol
Concen: 267.371 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

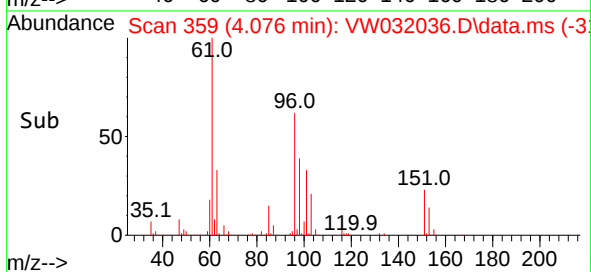
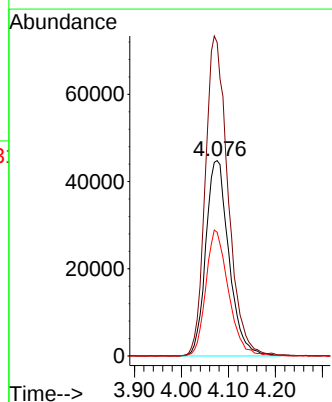
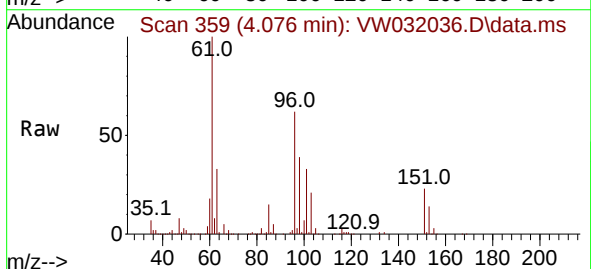
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 51902
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 52.671 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 96 Resp: 153320
Ion Ratio Lower Upper
96 100
61 160.3 135.0 202.6
98 63.2 52.3 78.5

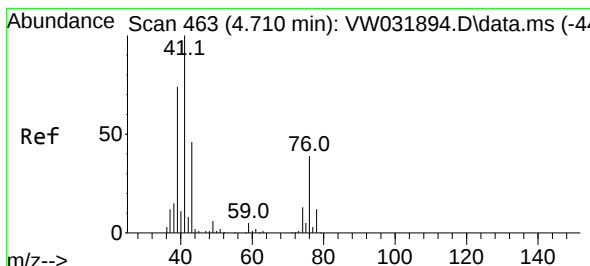
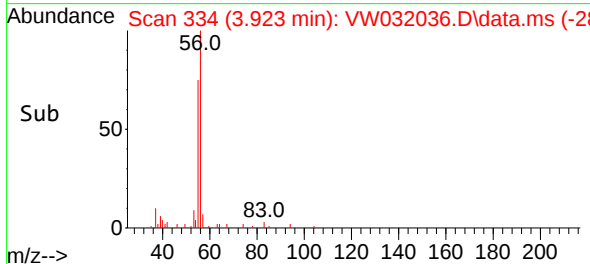
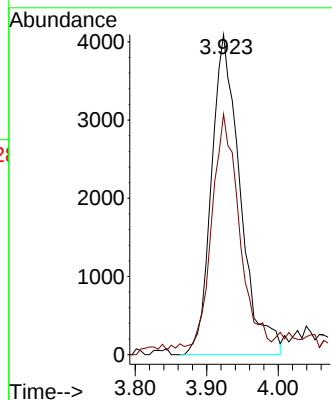
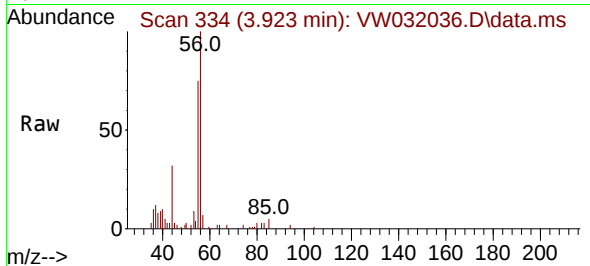




#13
Acrolein
Concen: 34.079 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

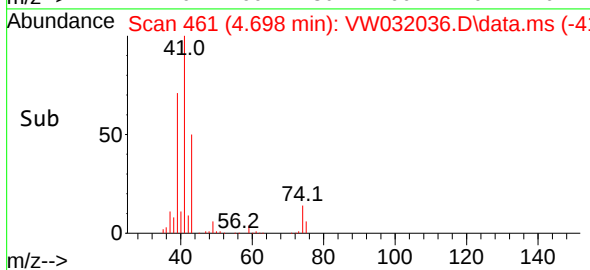
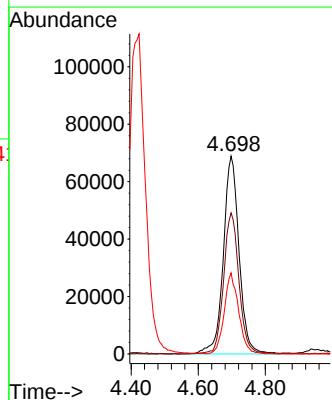
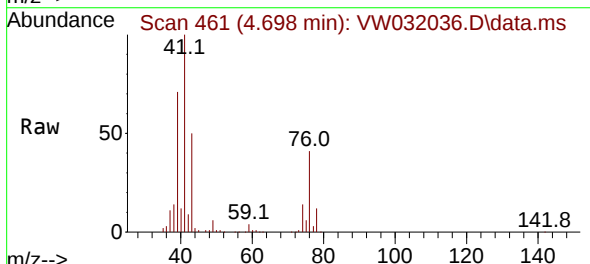
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

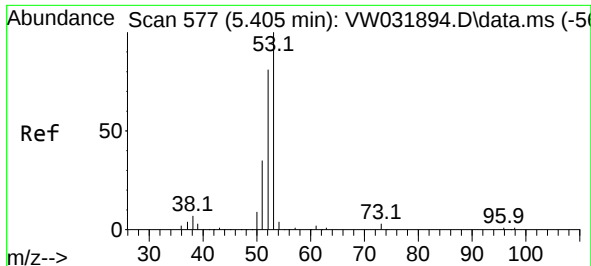
Tgt Ion: 56 Resp: 11429
Ion Ratio Lower Upper
56 100
55 71.8 56.7 85.1



#14
Allyl chloride
Concen: 49.618 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 41 Resp: 224842
Ion Ratio Lower Upper
41 100
39 69.7 56.6 85.0
76 37.0 30.1 45.1

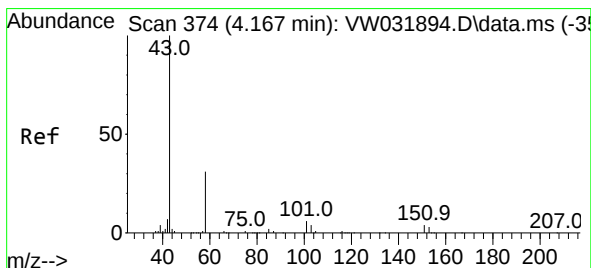
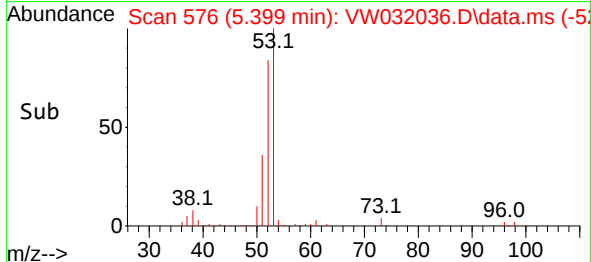
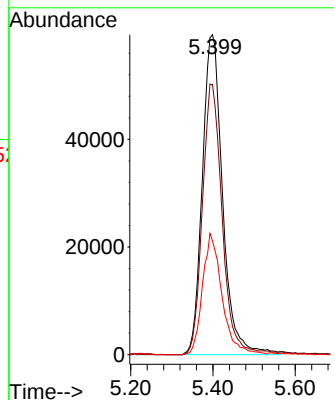
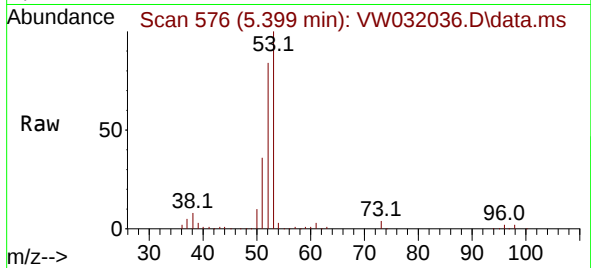




#15
Acrylonitrile
Concen: 249.026 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

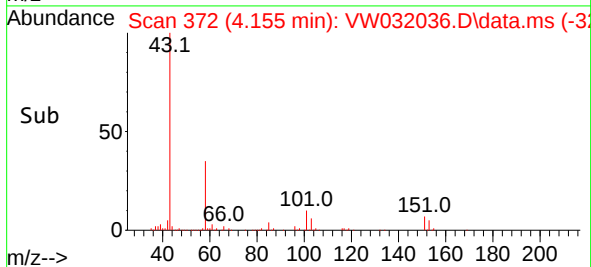
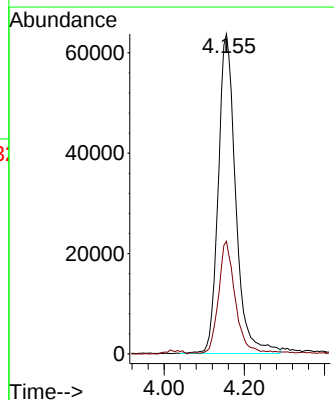
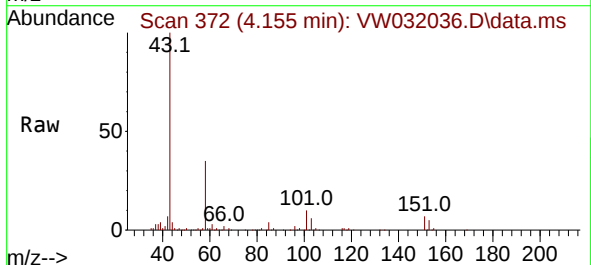
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

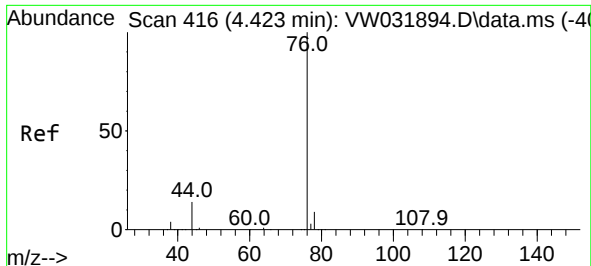
Tgt Ion:	53	Resp:	203770
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.4
51	36.4	29.9	44.9



#16
Acetone
Concen: 245.008 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:	43	Resp:	192000
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.5	38.3

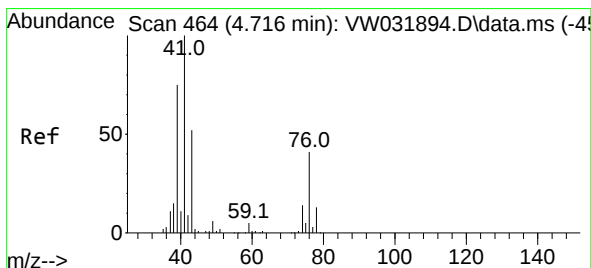
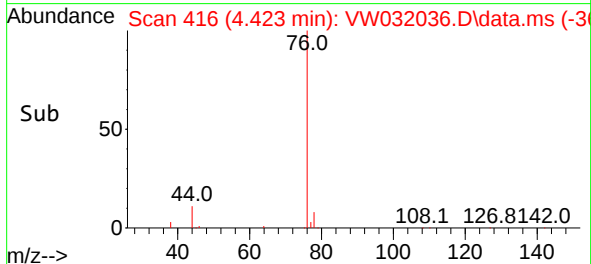
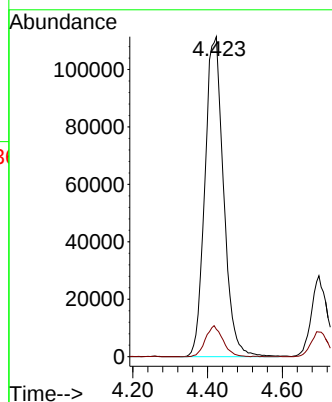
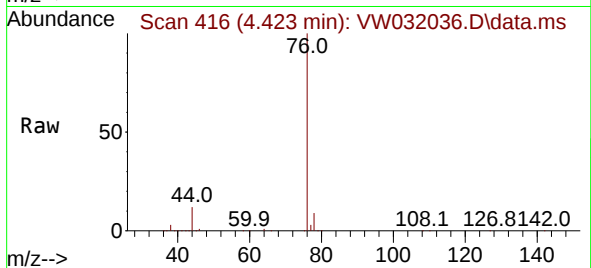




#17
Carbon Disulfide
Concen: 51.176 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

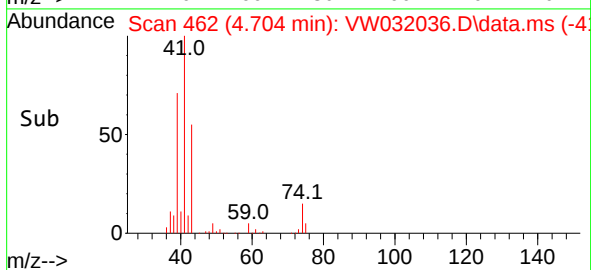
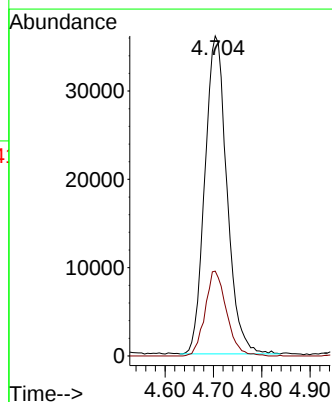
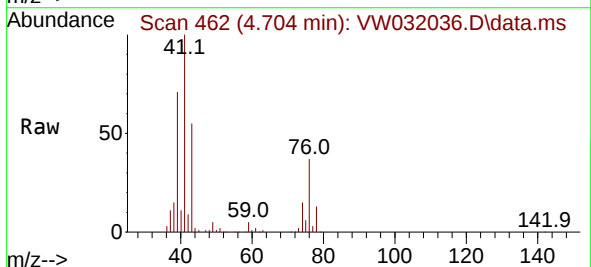
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

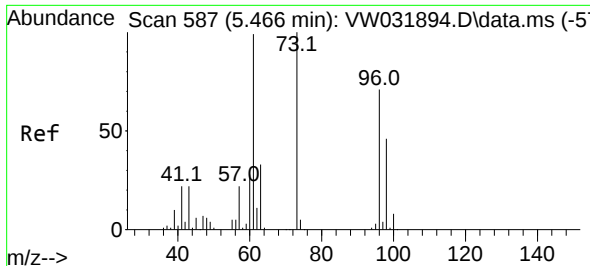
Tgt Ion: 76 Resp: 386347
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 52.900 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 43 Resp: 114211
Ion Ratio Lower Upper
43 100
74 26.0 20.6 31.0

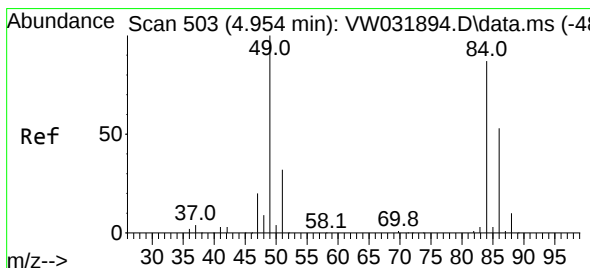
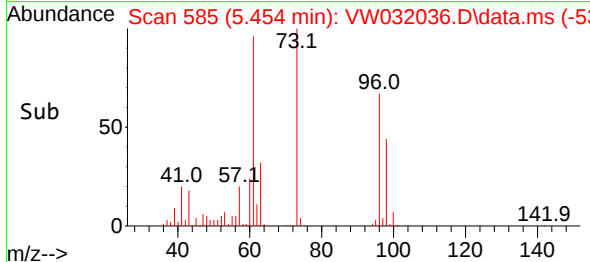
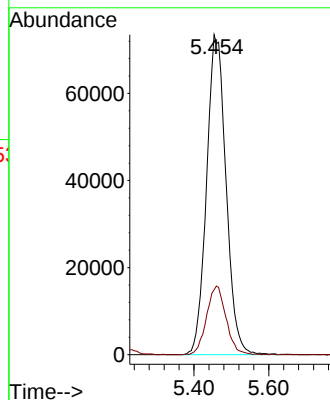
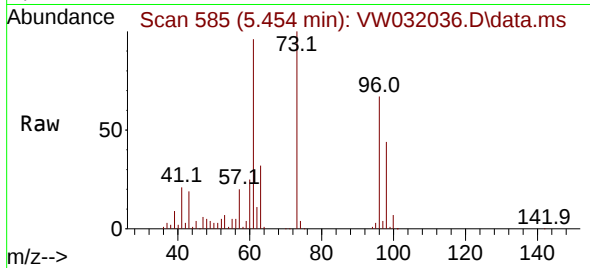




#19
Methyl tert-butyl Ether
Concen: 52.830 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

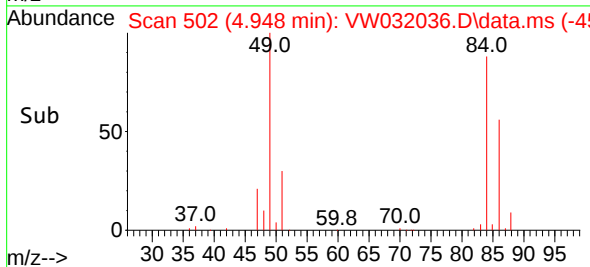
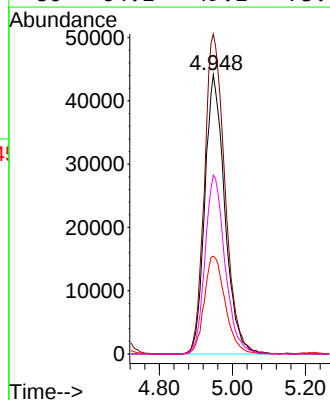
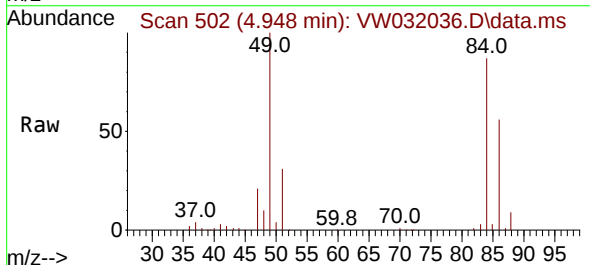
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

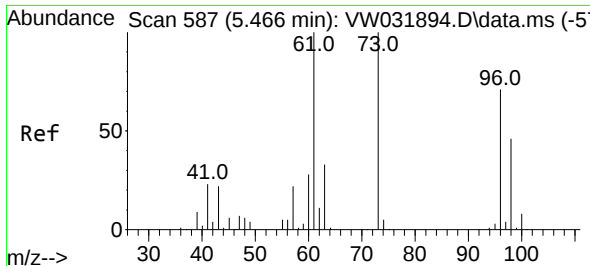
Tgt Ion: 73 Resp: 265712
Ion Ratio Lower Upper
73 100
57 20.3 17.5 26.3



#20
Methylene Chloride
Concen: 49.813 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 84 Resp: 167010
Ion Ratio Lower Upper
84 100
49 114.6 91.9 137.9
51 35.0 29.0 43.6
86 64.1 49.1 73.7

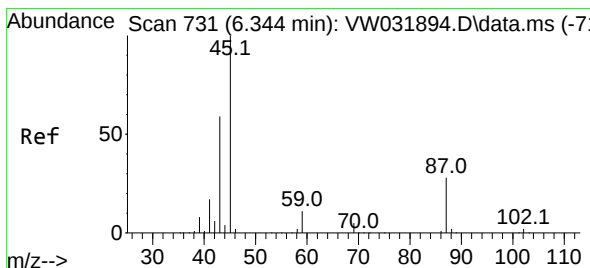
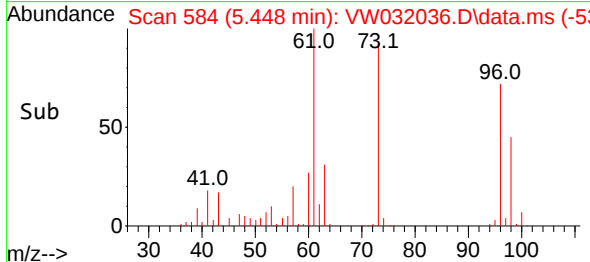
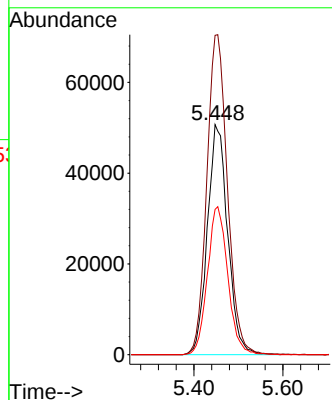
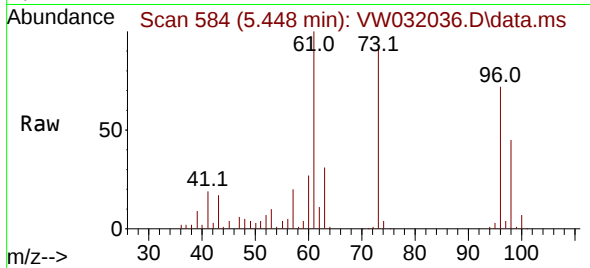




#21
trans-1,2-Dichloroethene
Concen: 52.123 ug/l
RT: 5.448 min Scan# 51
Delta R.T. -0.018 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

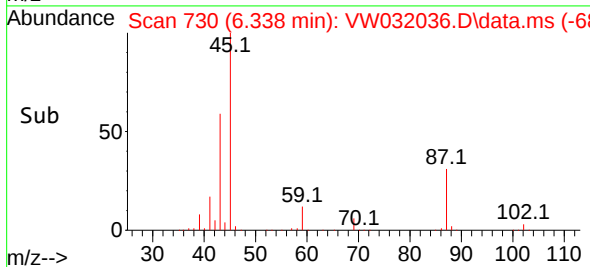
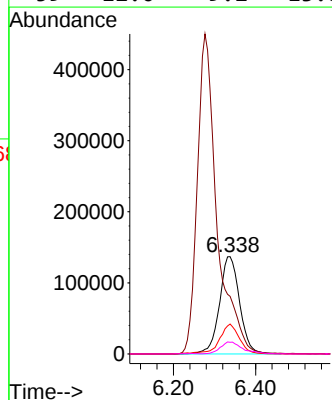
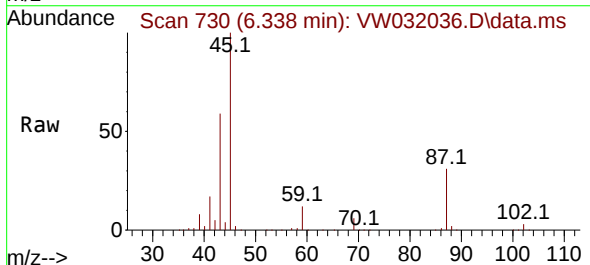
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

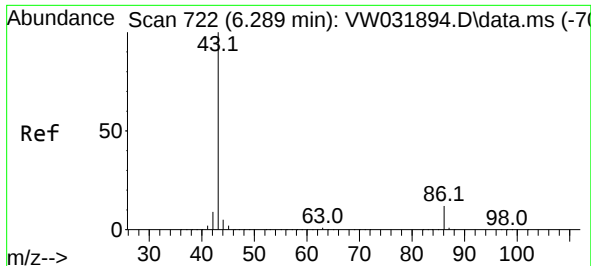
Tgt Ion: 96 Resp: 160982
Ion Ratio Lower Upper
96 100
61 138.8 112.8 169.2
98 63.1 51.9 77.9



#22
Diisopropyl ether
Concen: 51.275 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 45 Resp: 464935
Ion Ratio Lower Upper
45 100
43 58.6 47.0 70.6
87 30.7 22.8 34.2
59 12.0 9.2 13.8

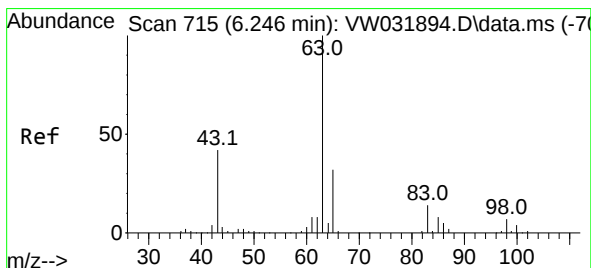
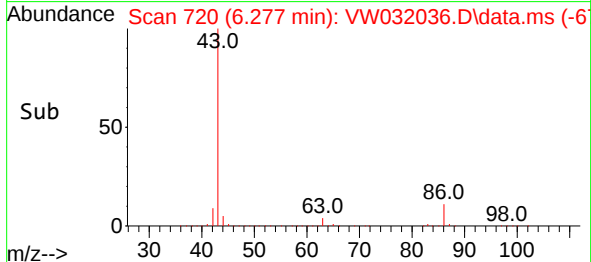
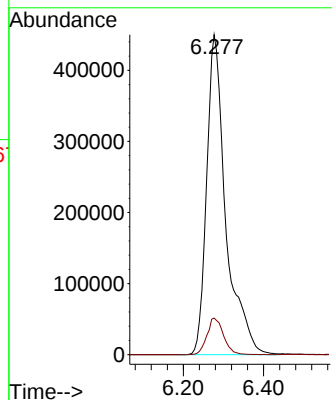
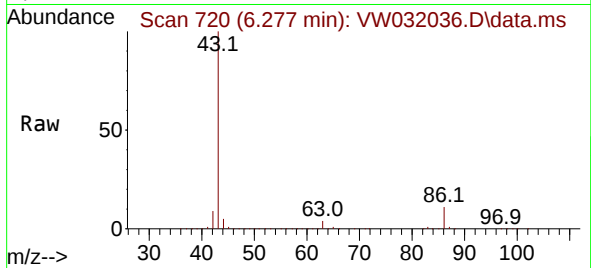




#23
 Vinyl Acetate
 Concen: 252.263 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

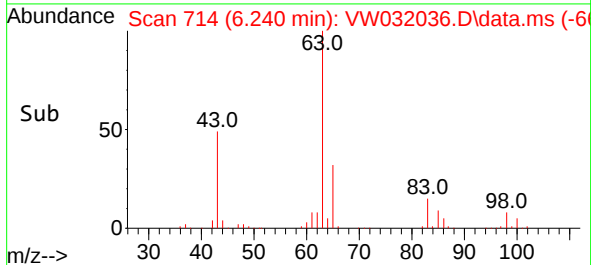
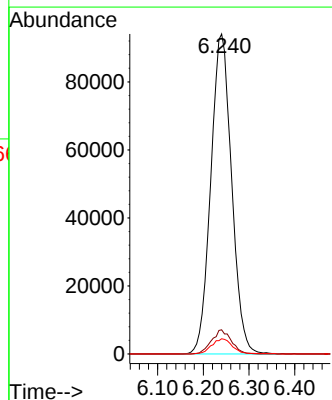
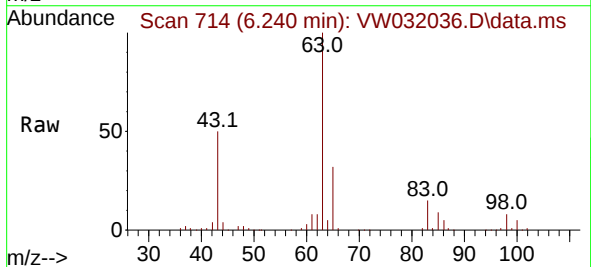
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

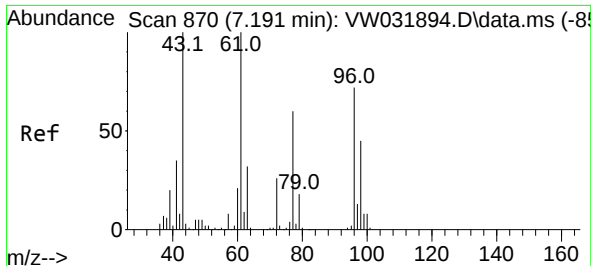
Tgt Ion: 43 Resp: 1494378
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 52.696 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

Tgt Ion: 63 Resp: 297497
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.7 2.2 6.6

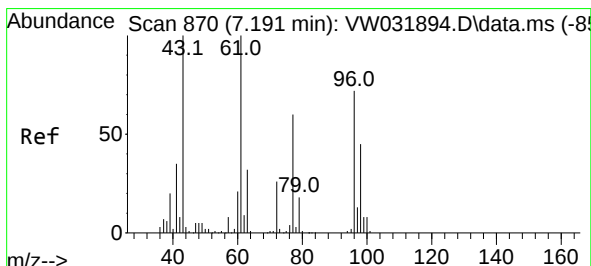
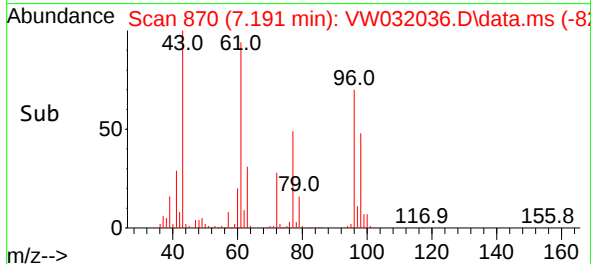
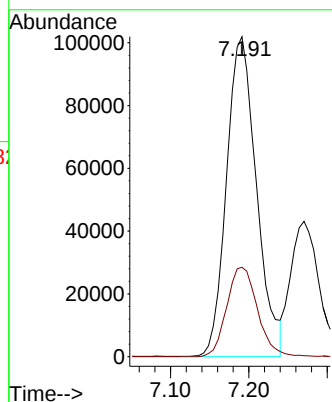
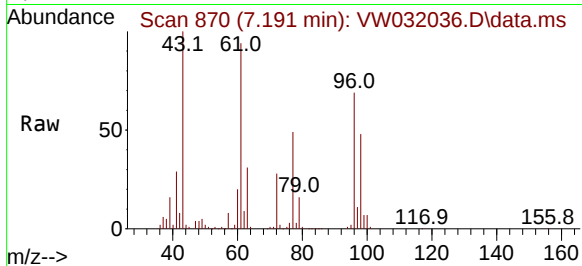




#25
2-Butanone
Concen: 252.423 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

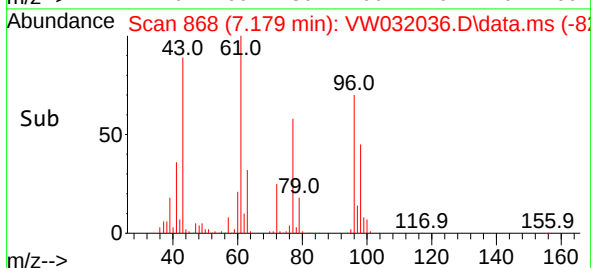
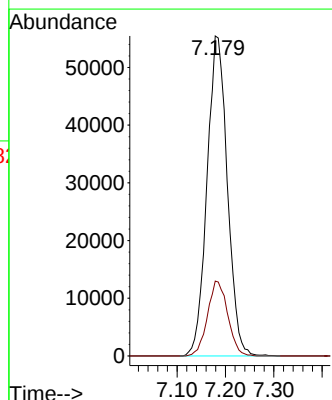
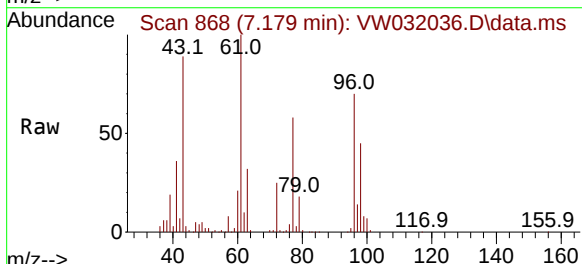
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

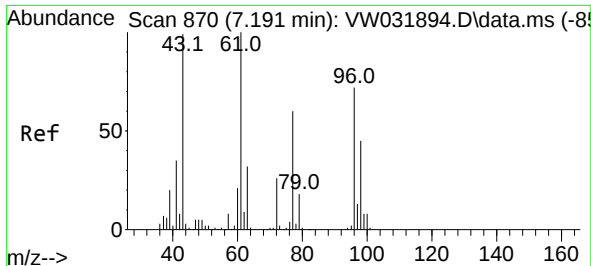
Tgt Ion: 43 Resp: 270649
Ion Ratio Lower Upper
43 100
72 28.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 50.652 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 77 Resp: 161890
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.648 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

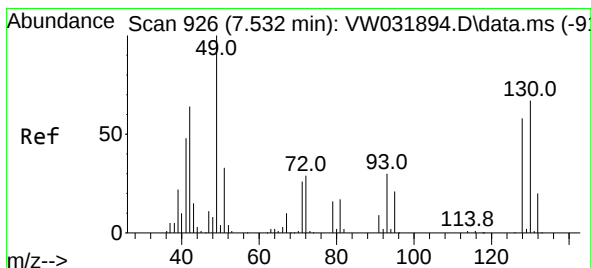
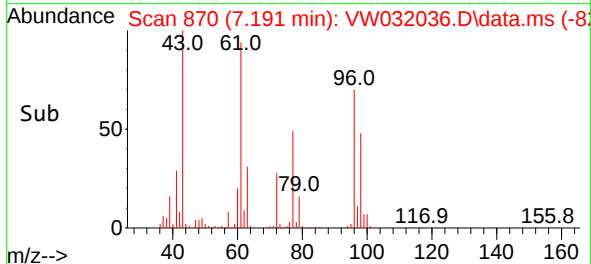
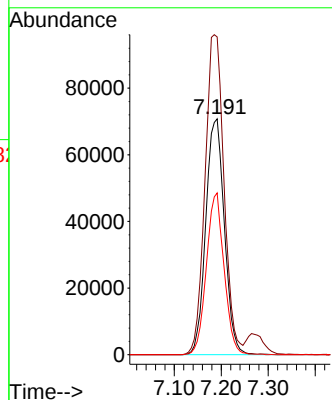
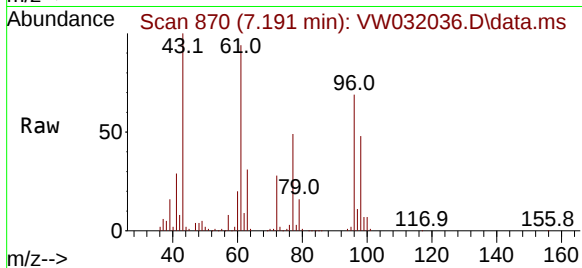
Tgt Ion: 96 Resp: 194791

Ion Ratio Lower Upper

96 100

61 138.1 0.0 280.2

98 65.0 0.0 126.8



#28

Bromochloromethane

Concen: 45.011 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

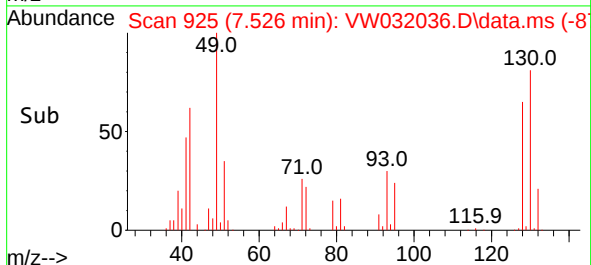
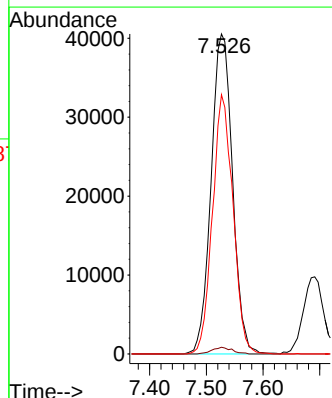
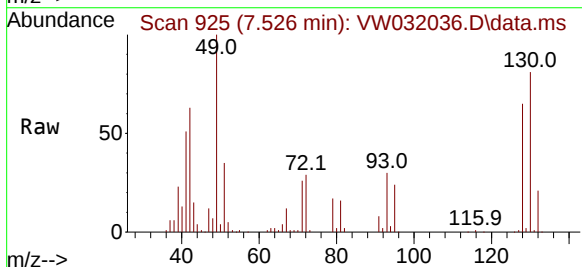
Tgt Ion: 49 Resp: 106395

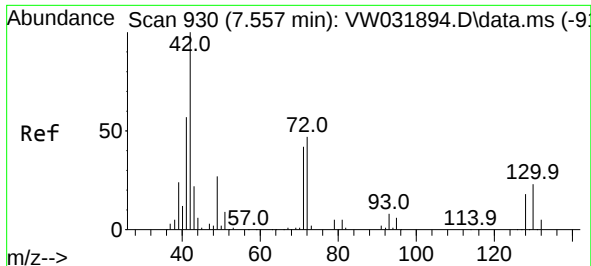
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 77.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 250.929 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

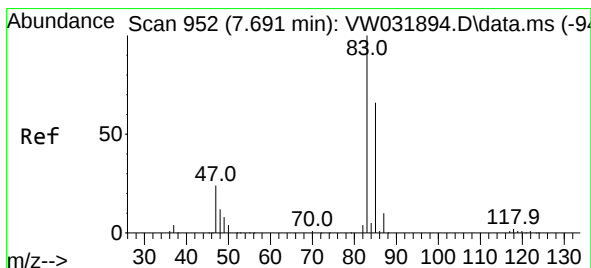
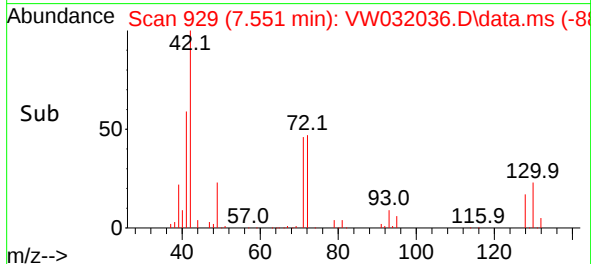
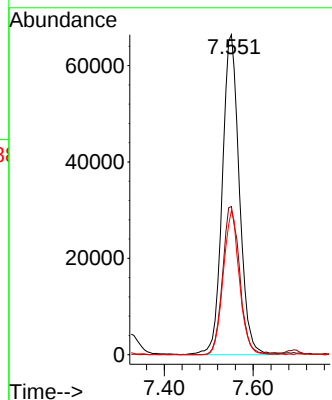
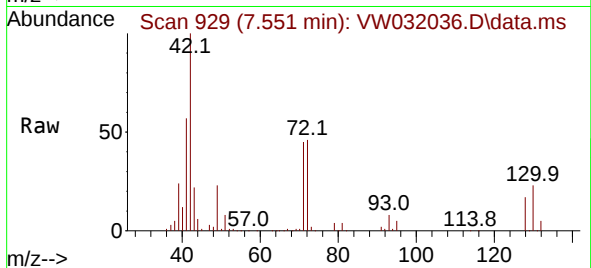
Tgt Ion: 42 Resp: 176395

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 42.7 34.5 51.7



#30

Chloroform

Concen: 52.832 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW032036.D

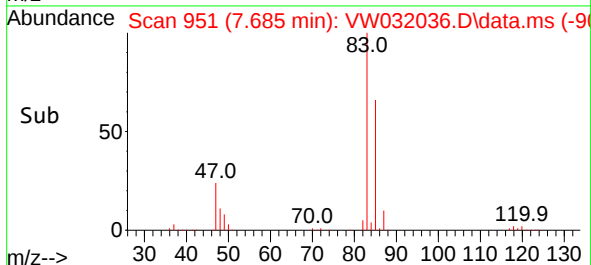
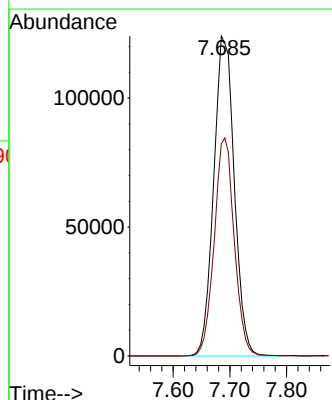
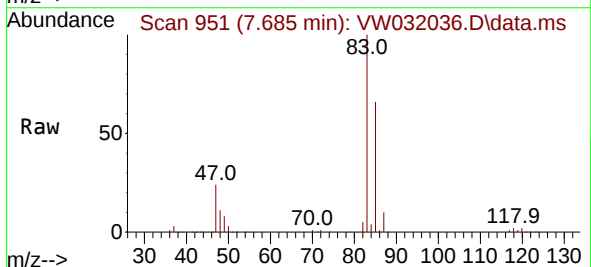
Acq: 07 Aug 2025 10:08

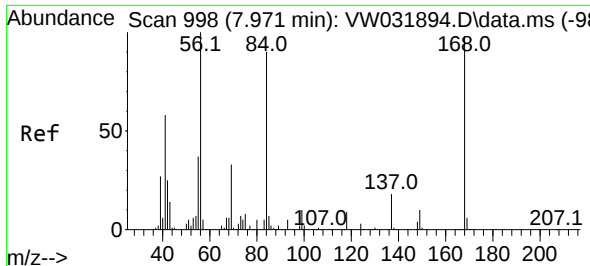
Tgt Ion: 83 Resp: 312727

Ion Ratio Lower Upper

83 100

85 66.2 52.6 78.8

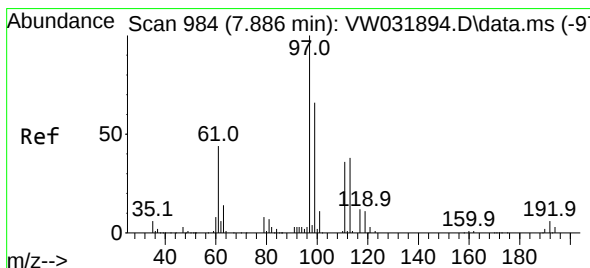
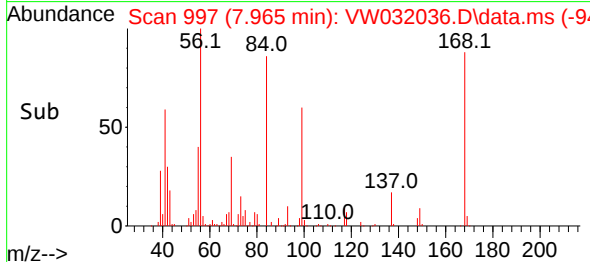
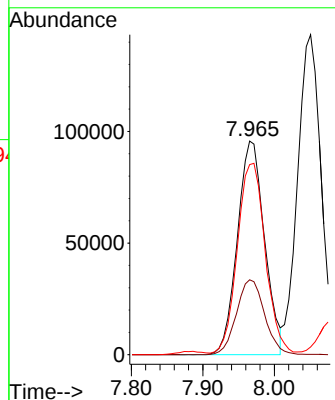
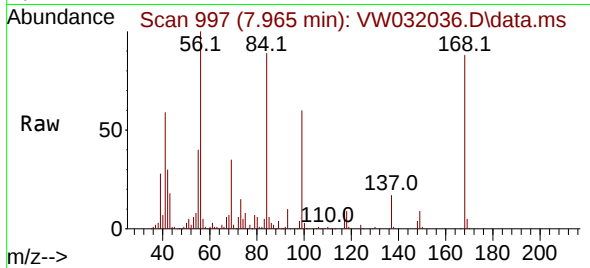




#31
Cyclohexane
Concen: 49.800 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

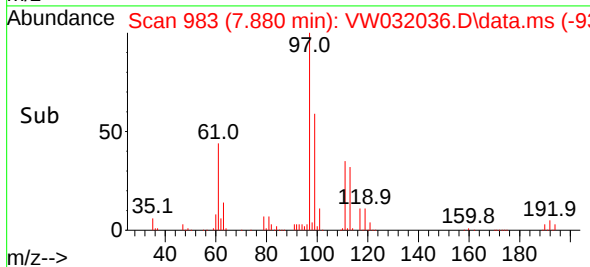
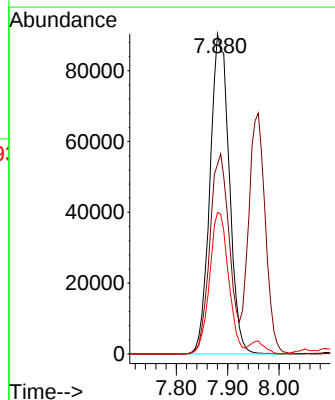
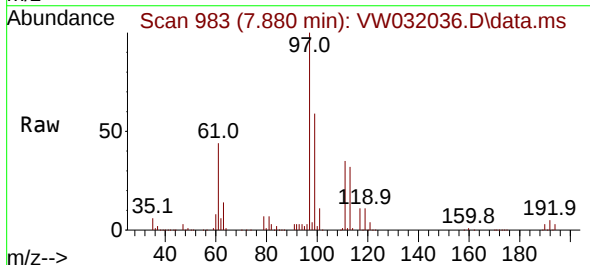
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

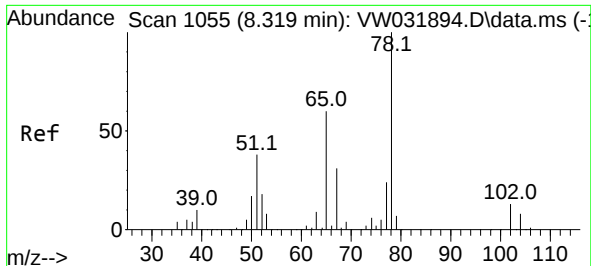
Tgt Ion: 56 Resp: 252226
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 88.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.053 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 97 Resp: 234461
Ion Ratio Lower Upper
97 100
99 63.9 53.0 79.4
61 43.9 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 48.897 ug/l

RT: 8.313 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

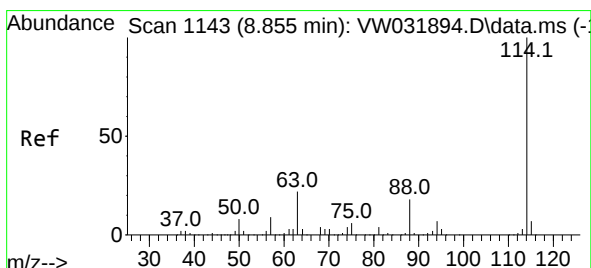
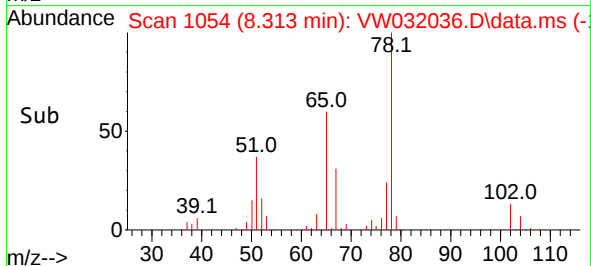
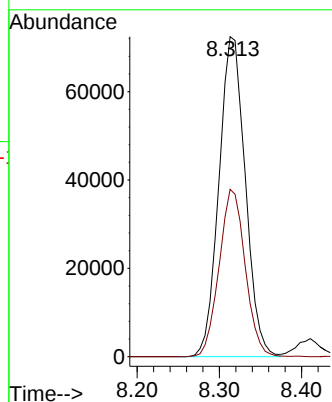
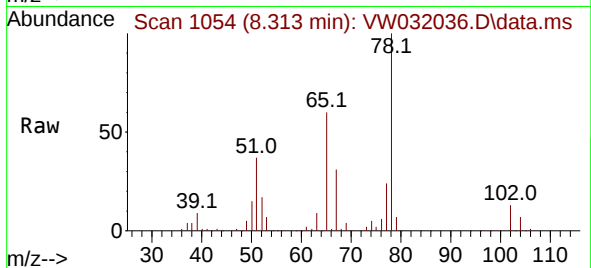
VSTDCCC050

Tgt Ion: 65 Resp: 161477

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.843 min Scan# 1141

Delta R.T. -0.012 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

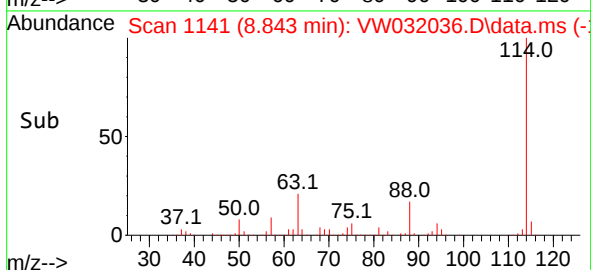
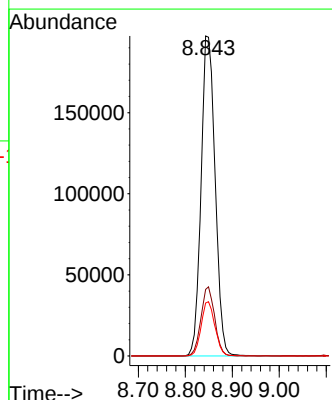
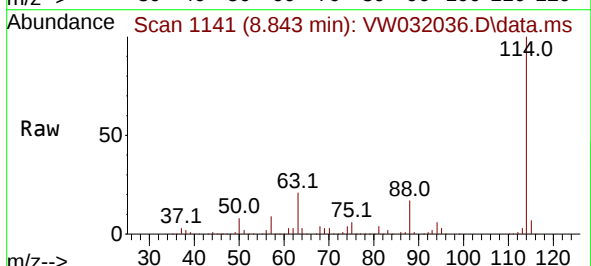
Tgt Ion: 114 Resp: 410147

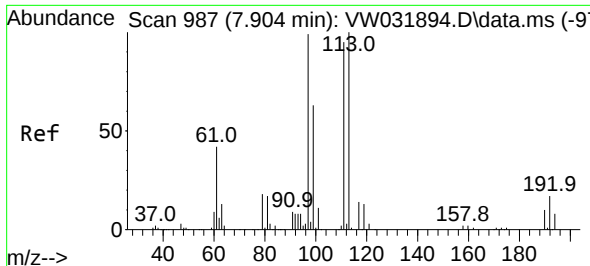
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.2

88 16.6 0.0 35.6

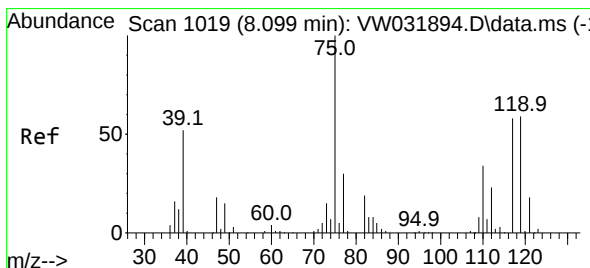
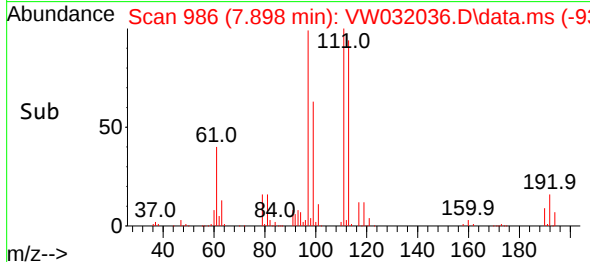
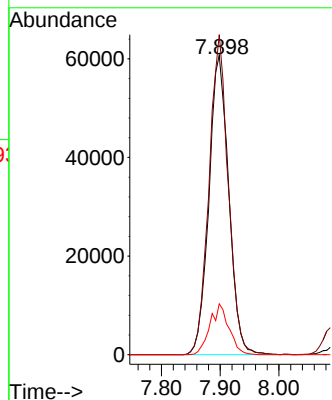
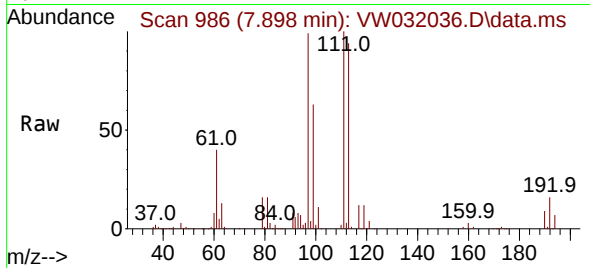




#35
 Dibromofluoromethane
 Concen: 51.057 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

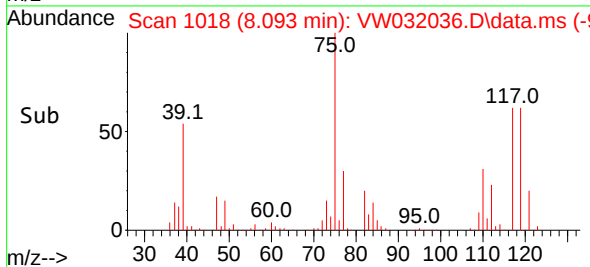
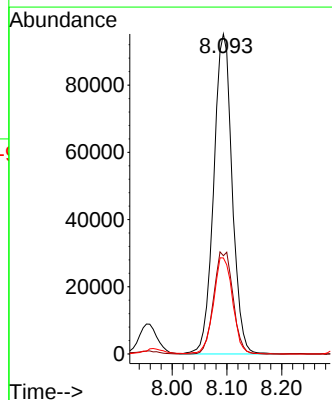
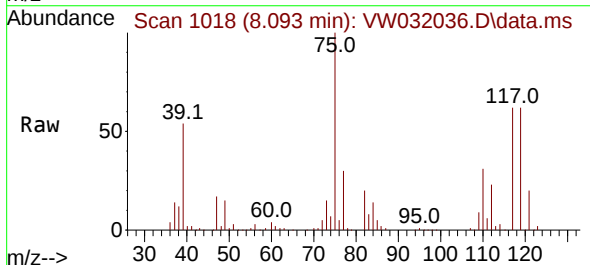
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

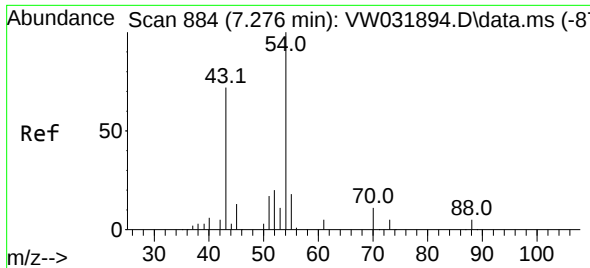
Tgt Ion:113 Resp: 142295
 Ion Ratio Lower Upper
 113 100
 111 104.0 79.9 119.9
 192 16.2 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 51.915 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

Tgt Ion: 75 Resp: 222199
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.0 50.9
 77 31.3 25.1 37.7

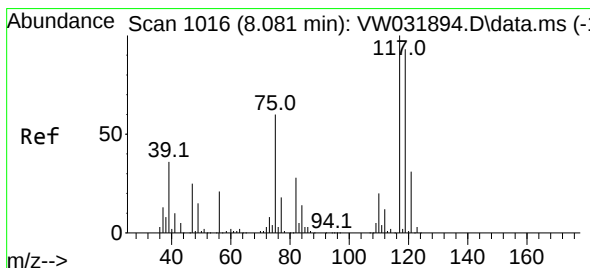
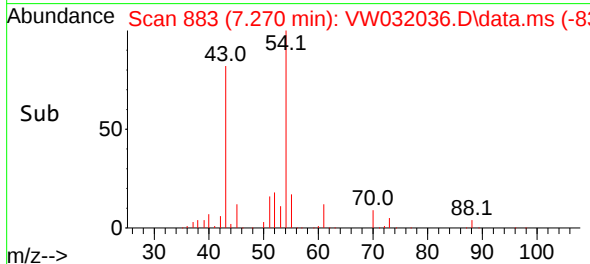
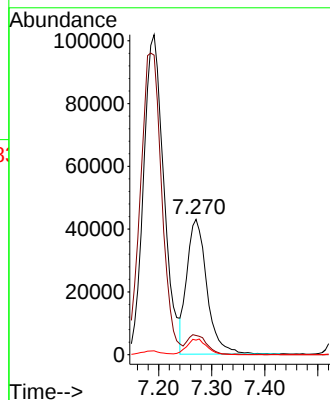
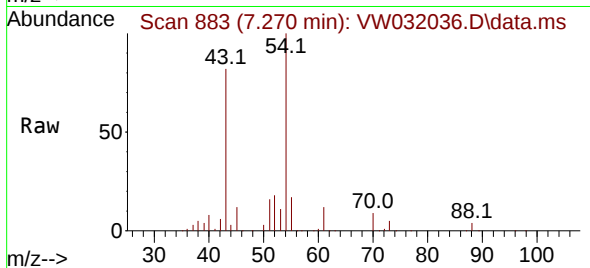




#37
Ethyl Acetate
Concen: 45.864 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

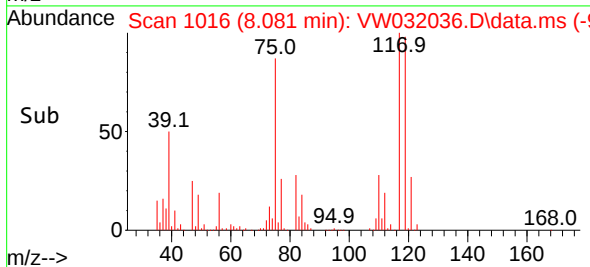
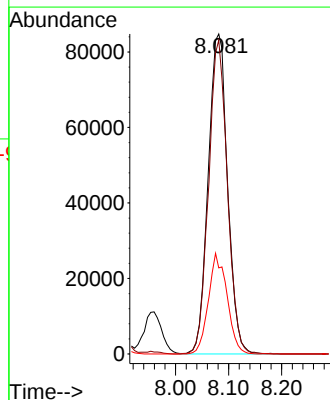
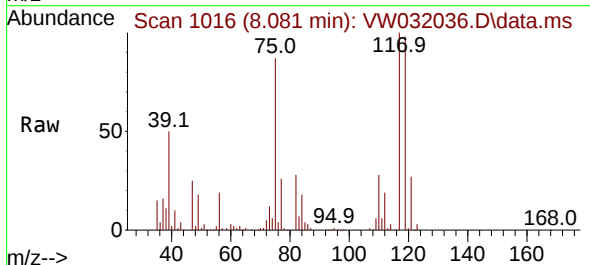
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

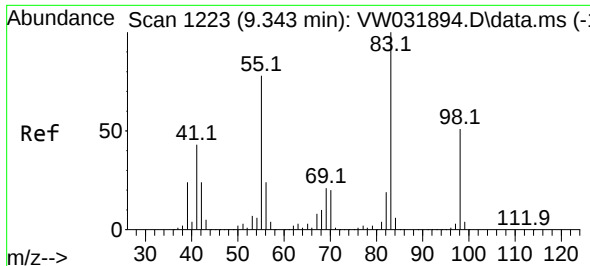
Tgt Ion: 43 Resp: 111982
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 11.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.406 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 117 Resp: 215264
Ion Ratio Lower Upper
117 100
119 98.1 74.3 111.5
121 26.9 24.6 37.0





#39

Methylcyclohexane

Concen: 52.118 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

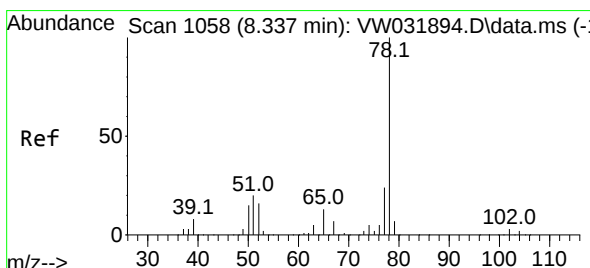
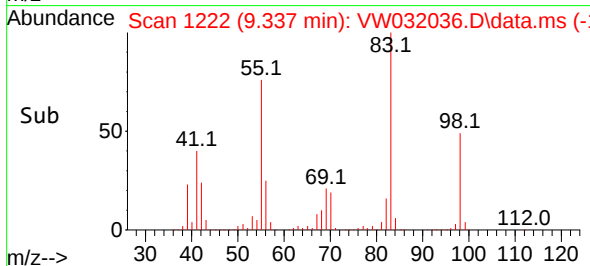
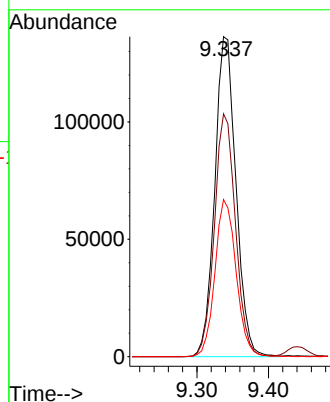
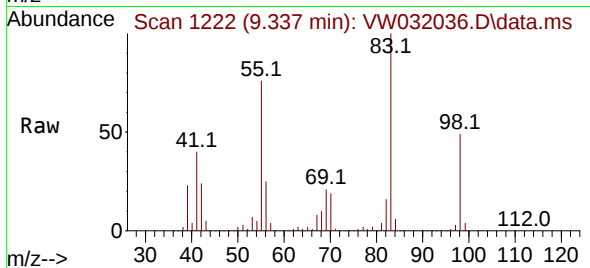
Tgt Ion: 83 Resp: 280721

Ion Ratio Lower Upper

83 100

55 75.9 62.5 93.7

98 49.1 40.6 61.0



#40

Benzene

Concen: 52.775 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032036.D

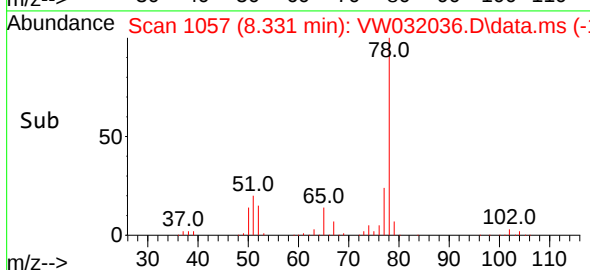
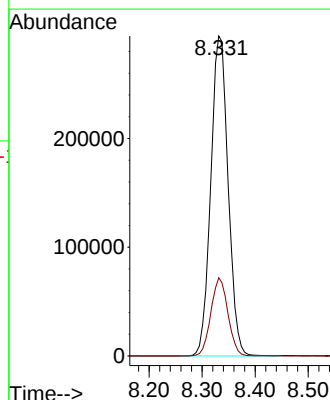
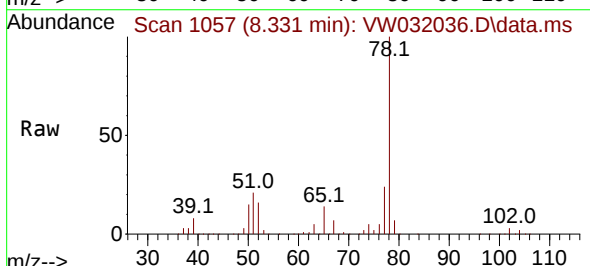
Acq: 07 Aug 2025 10:08

Tgt Ion: 78 Resp: 668643

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

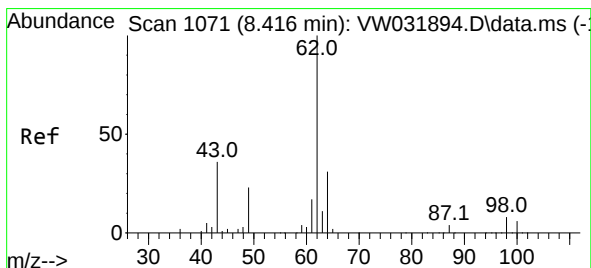
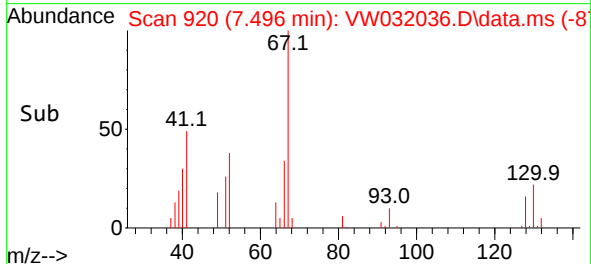
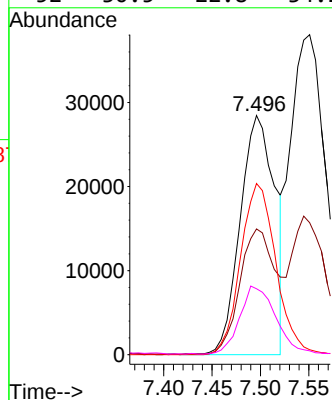
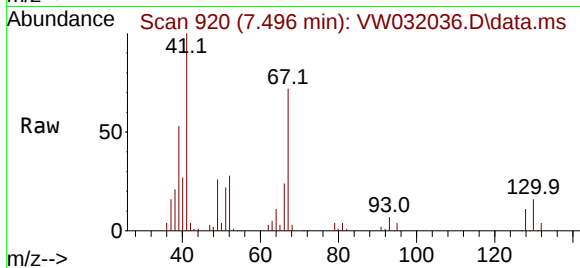




#41
Methacrylonitrile
Concen: 48.818 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

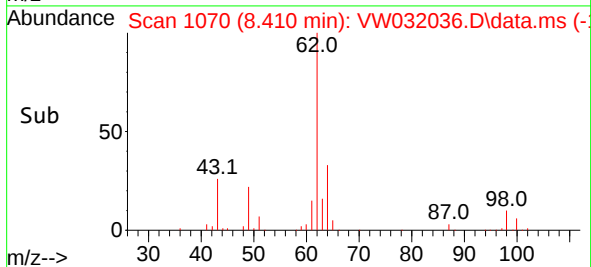
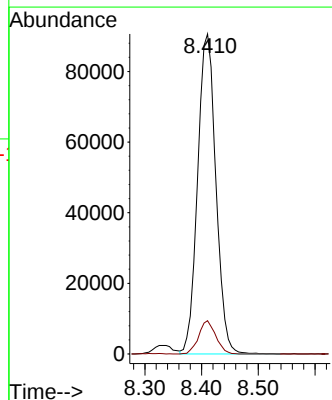
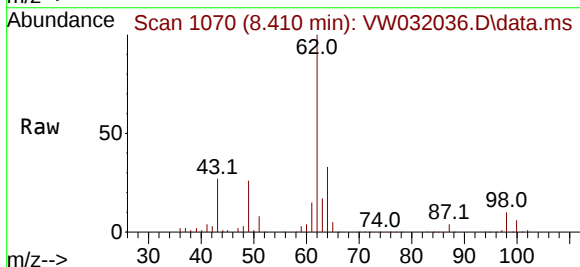
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

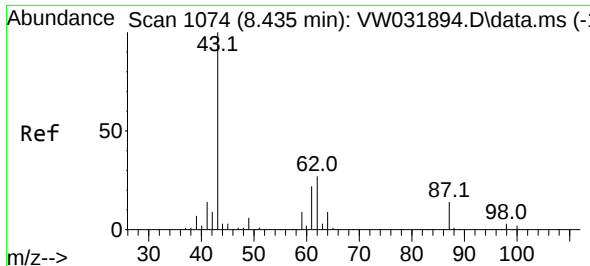
Tgt Ion:	41	Resp:	71352
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.1	61.7
67	72.8	56.2	84.4
52	30.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.050 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:	62	Resp:	202950
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

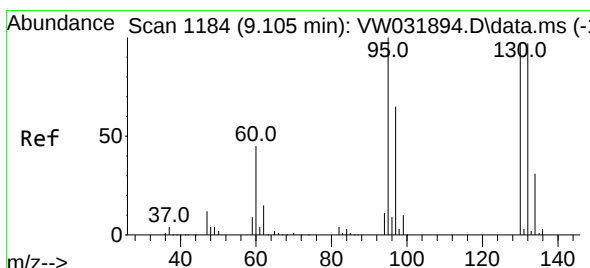
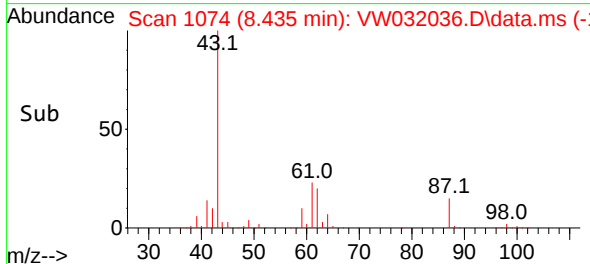
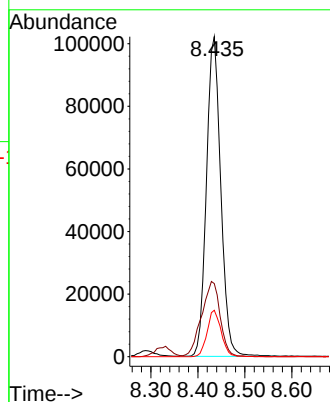
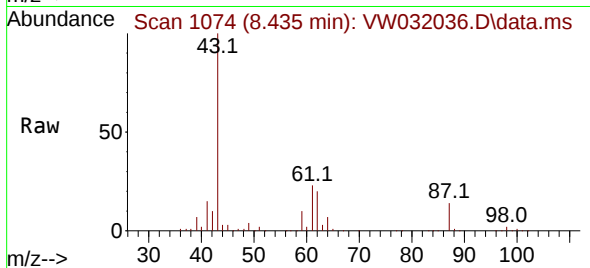




#43
Isopropyl Acetate
Concen: 48.848 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

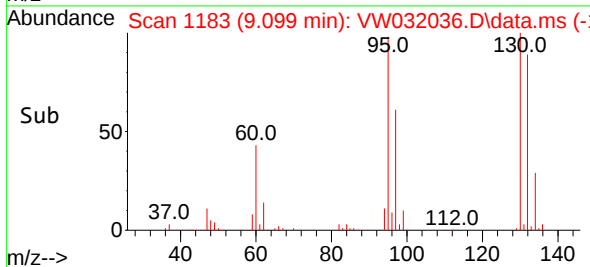
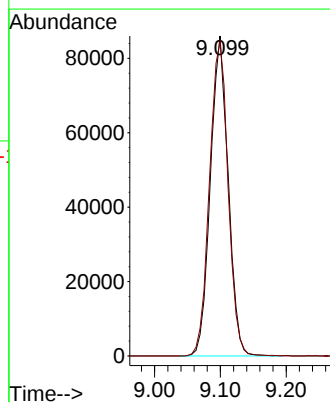
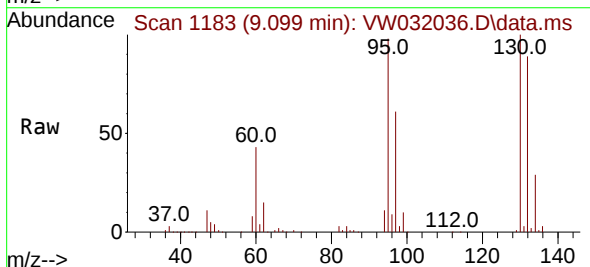
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

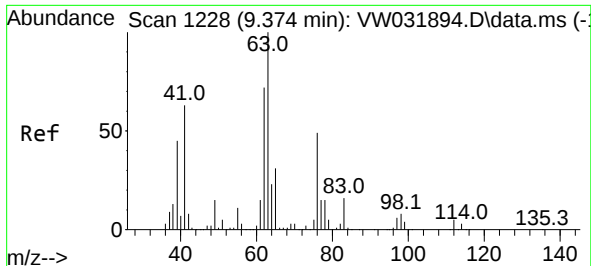
Tgt Ion: 43 Resp: 215912
Ion Ratio Lower Upper
43 100
61 30.5 24.0 36.0
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 53.677 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:130 Resp: 161652
Ion Ratio Lower Upper
130 100
95 98.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 52.181 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

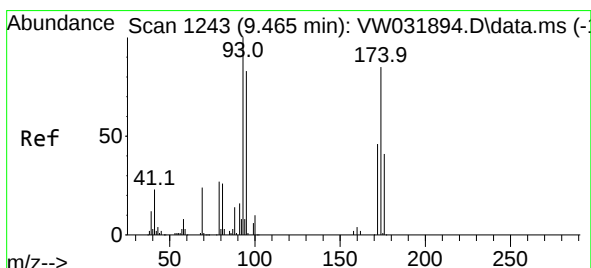
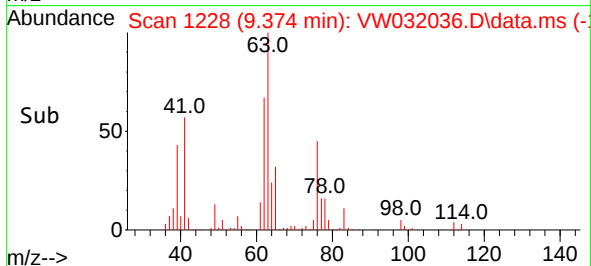
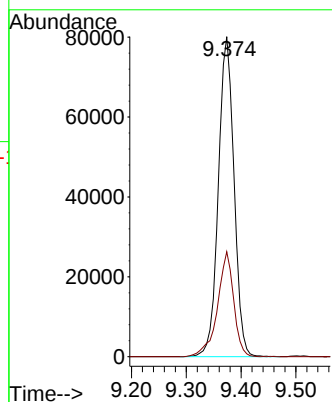
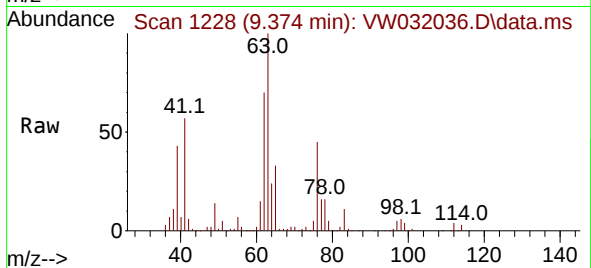
VSTDCCC050

Tgt Ion: 63 Resp: 159221

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 52.186 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

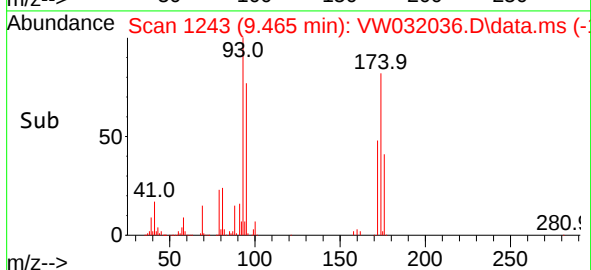
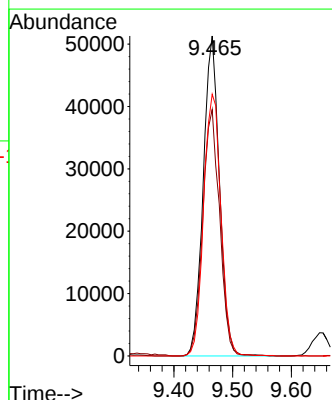
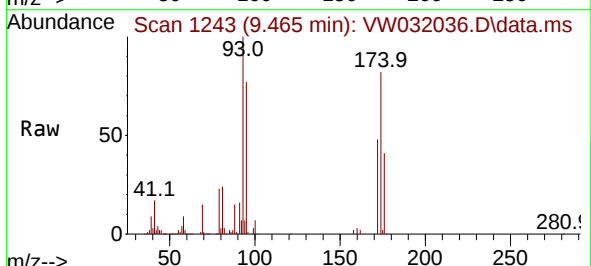
Tgt Ion: 93 Resp: 98710

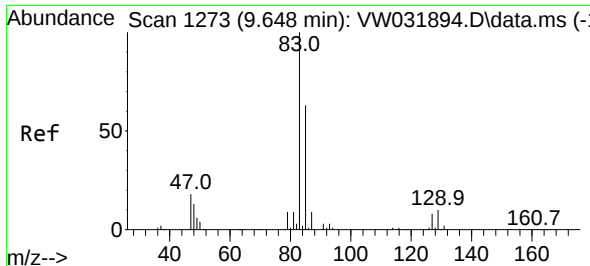
Ion Ratio Lower Upper

93 100

95 80.1 65.8 98.6

174 87.1 70.2 105.2

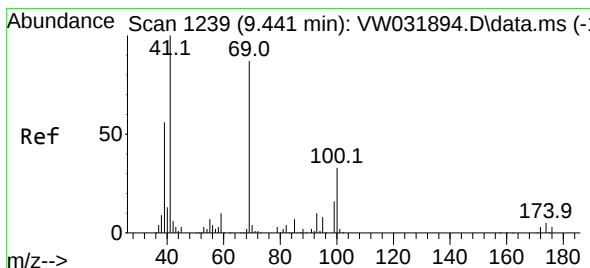
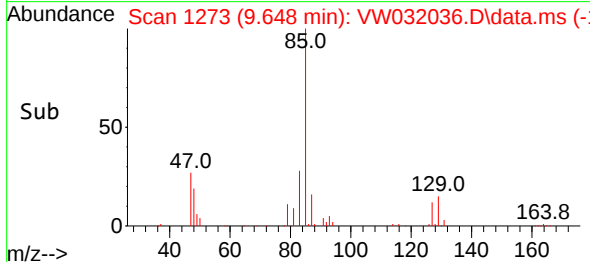
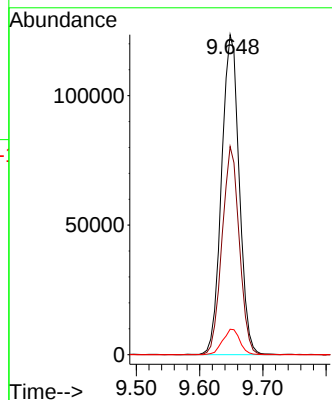
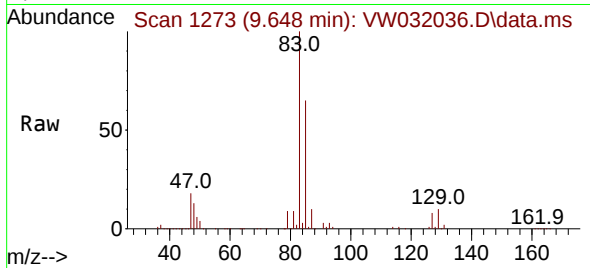




#47
Bromodichloromethane
Concen: 52.588 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

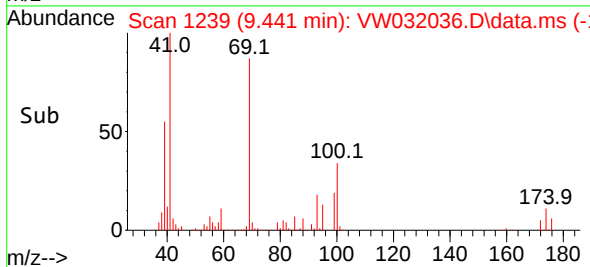
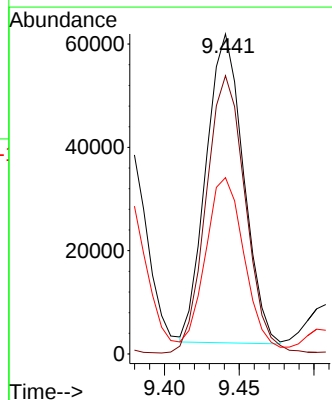
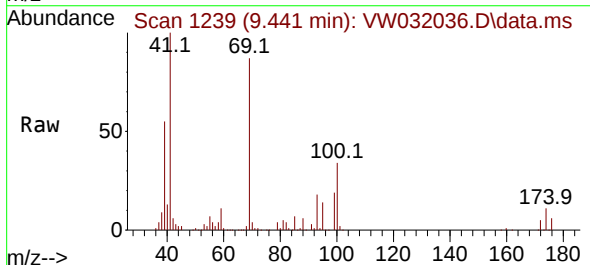
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

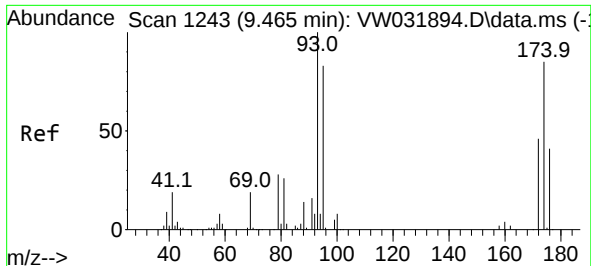
Tgt Ion: 83 Resp: 238519
Ion Ratio Lower Upper
83 100
85 65.1 50.6 76.0
127 8.0 6.5 9.7



#48
Methyl methacrylate
Concen: 49.439 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 41 Resp: 103965
Ion Ratio Lower Upper
41 100
69 95.3 73.6 110.4
39 55.2 45.5 68.3





#49

1,4-Dioxane

Concen: 1249.561 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

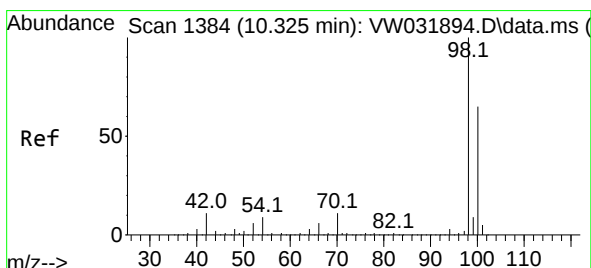
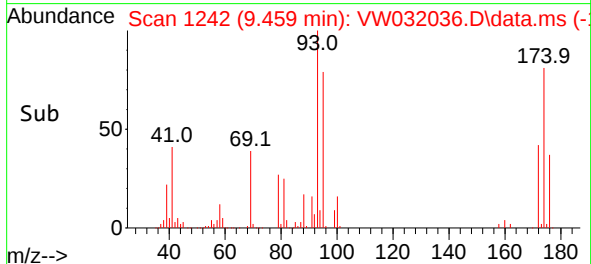
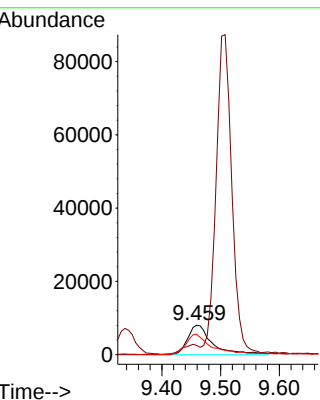
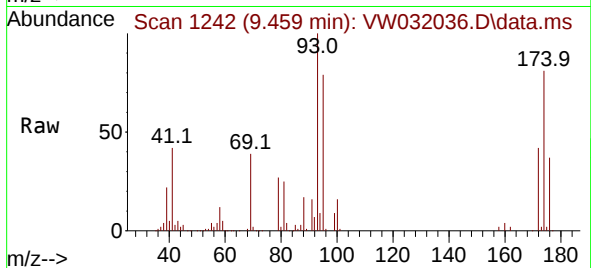
Tgt Ion: 88 Resp: 23584

Ion Ratio Lower Upper

88 100

43 23.6 19.0 28.4

58 72.5 58.2 87.2



#50

Toluene-d8

Concen: 51.496 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032036.D

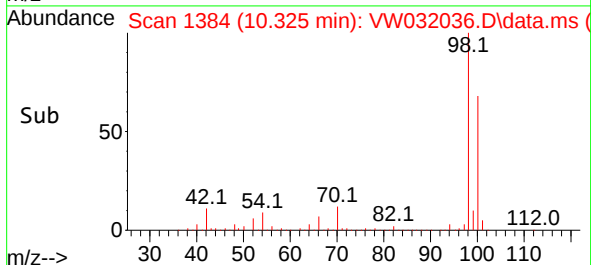
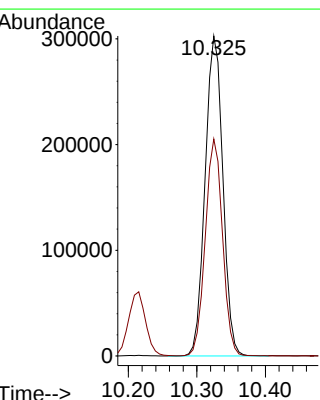
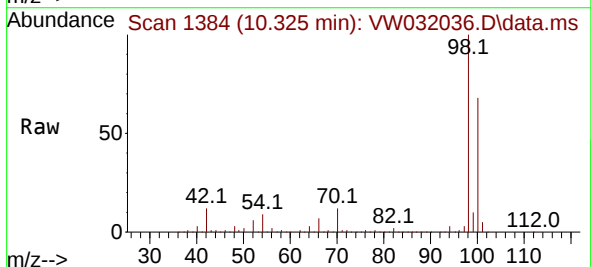
Acq: 07 Aug 2025 10:08

Tgt Ion: 98 Resp: 543171

Ion Ratio Lower Upper

98 100

100 65.8 51.7 77.5

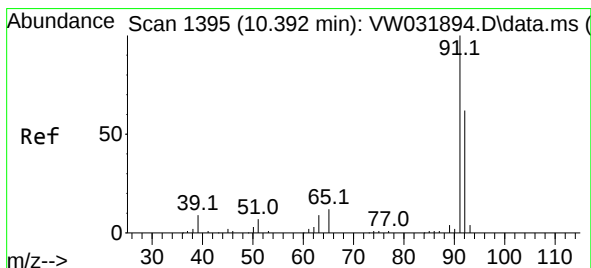
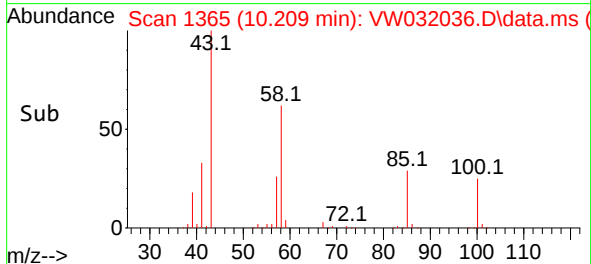
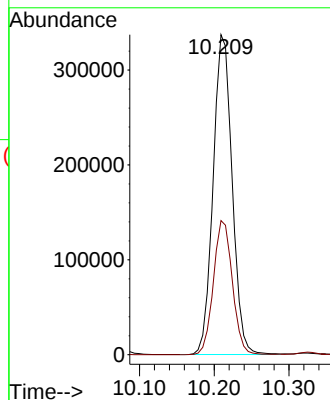
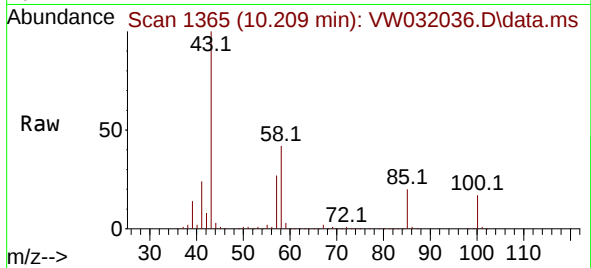




#51
4-Methyl-2-Pentanone
Concen: 246.155 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

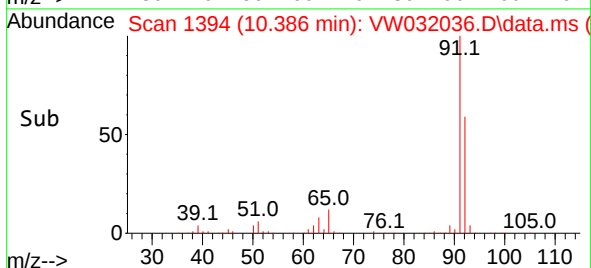
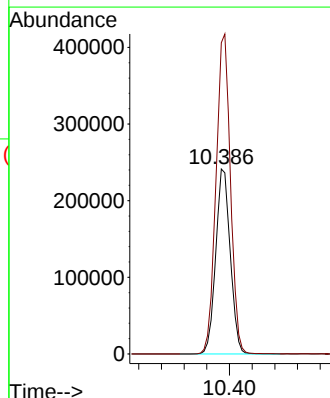
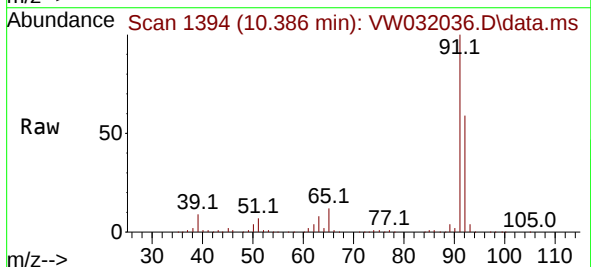
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

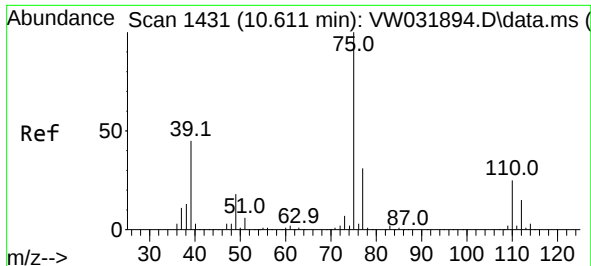
Tgt Ion: 43 Resp: 595446
Ion Ratio Lower Upper
43 100
58 41.9 32.8 49.2



#52
Toluene
Concen: 52.587 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 92 Resp: 428304
Ion Ratio Lower Upper
92 100
91 171.9 133.7 200.5

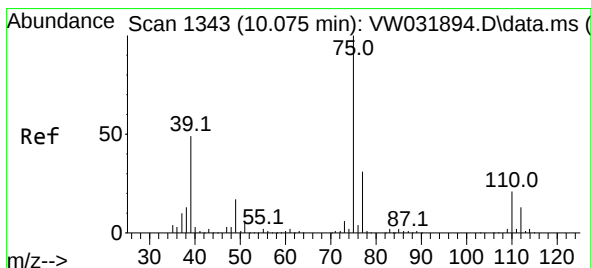
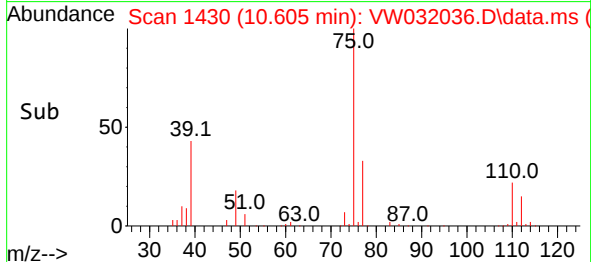
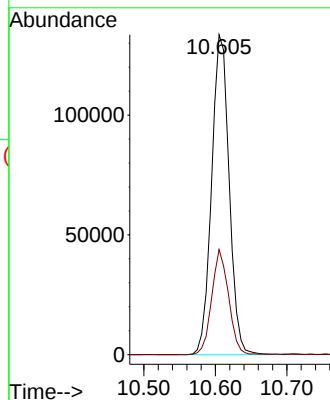
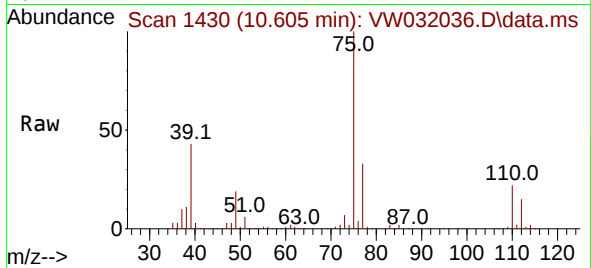




#53
 t-1,3-Dichloropropene
 Concen: 52.313 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

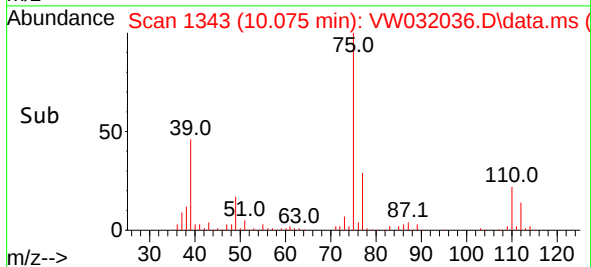
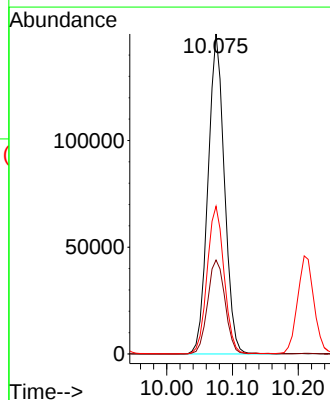
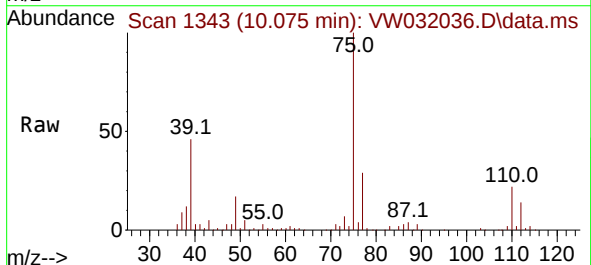
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

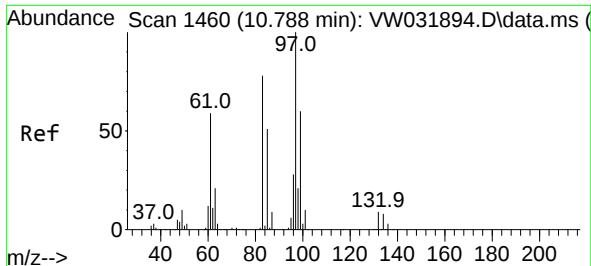
Tgt Ion: 75 Resp: 227603
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.390 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032036.D
 Acq: 07 Aug 2025 10:08

Tgt Ion: 75 Resp: 260304
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.5 36.7
 39 46.1 39.3 58.9

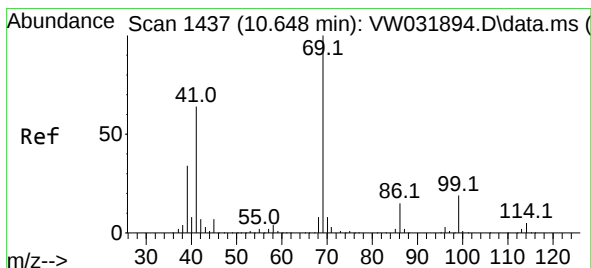
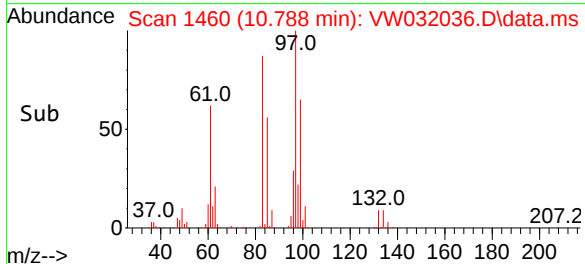
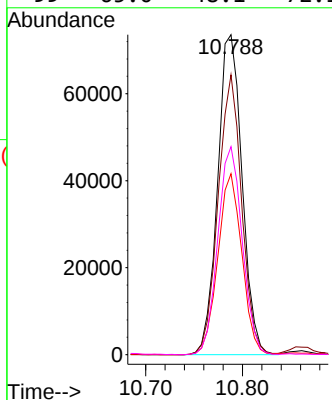
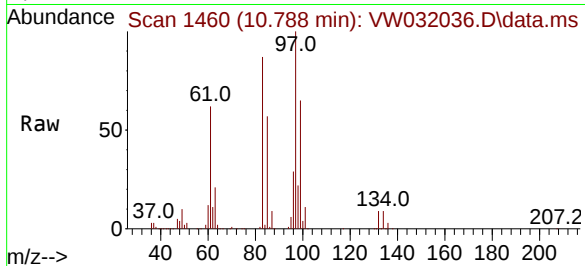




#55
1,1,2-Trichloroethane
Concen: 51.321 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

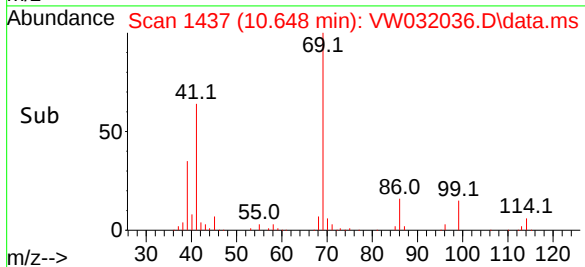
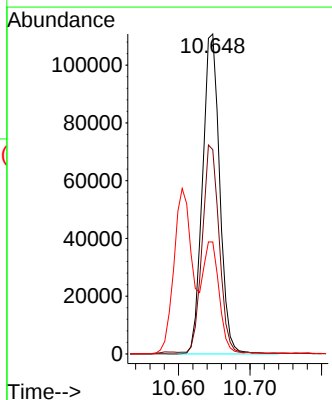
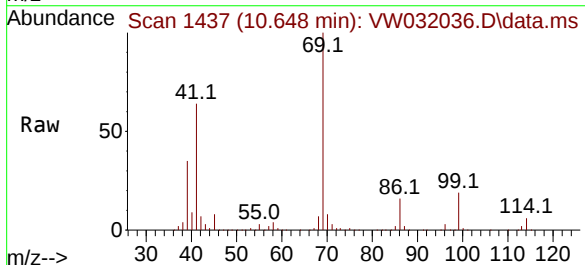
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

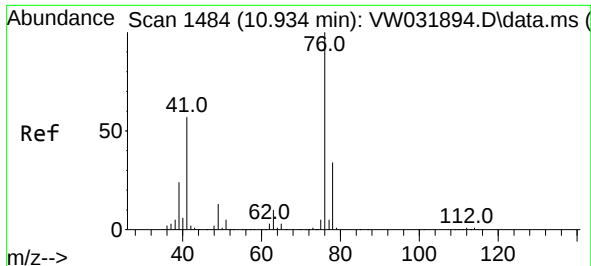
Tgt Ion:	97	Resp:	128945
Ion	Ratio	Lower	Upper
97	100		
83	87.4	62.4	93.6
85	56.5	41.0	61.6
99	65.0	48.1	72.1



#56
Ethyl methacrylate
Concen: 52.141 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:	69	Resp:	185020
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.0	78.0
39	31.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.658 ug/l

RT: 10.928 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

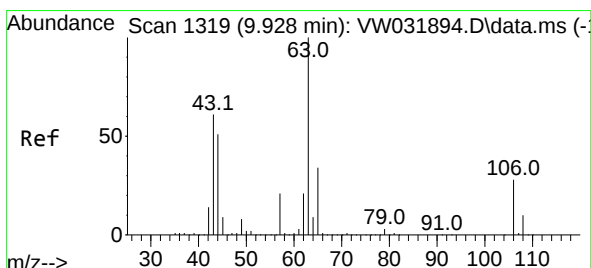
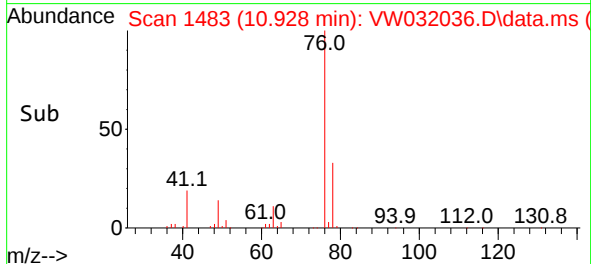
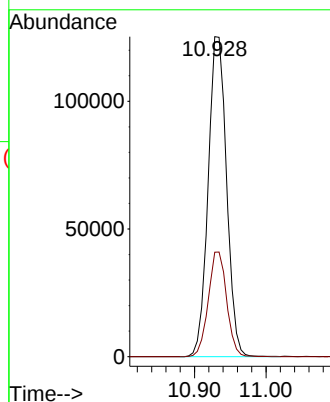
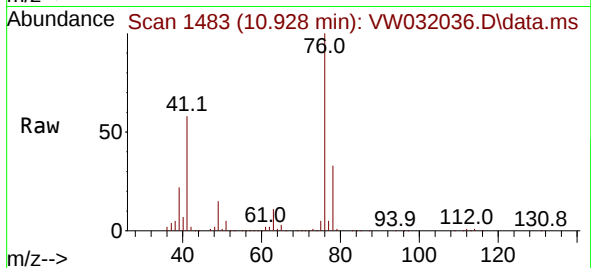
VSTDCCC050

Tgt Ion: 76 Resp: 224230

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 225.217 ug/l

RT: 9.922 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VW032036.D

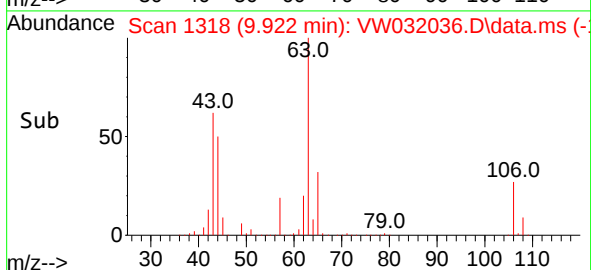
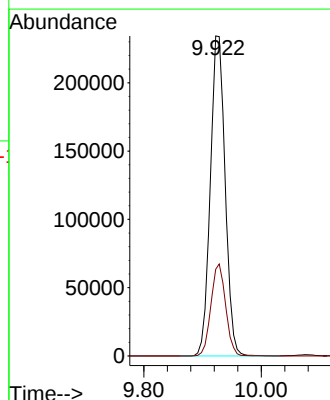
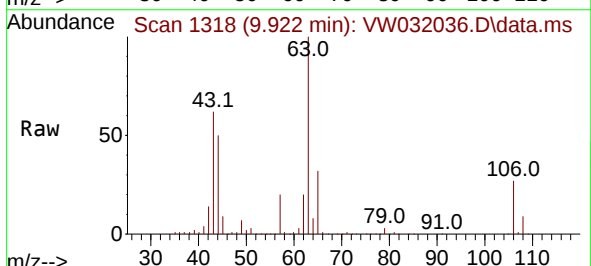
Acq: 07 Aug 2025 10:08

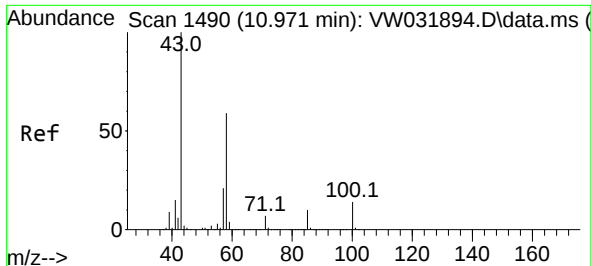
Tgt Ion: 63 Resp: 410494

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

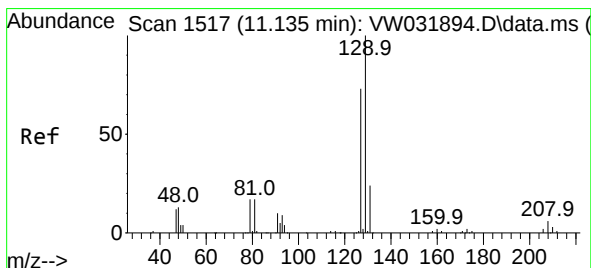
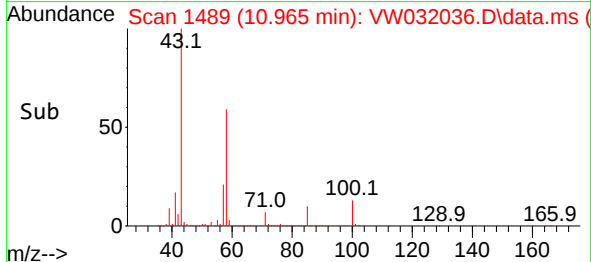
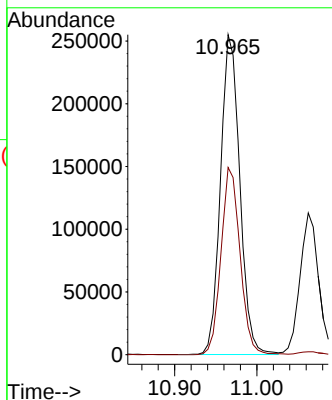
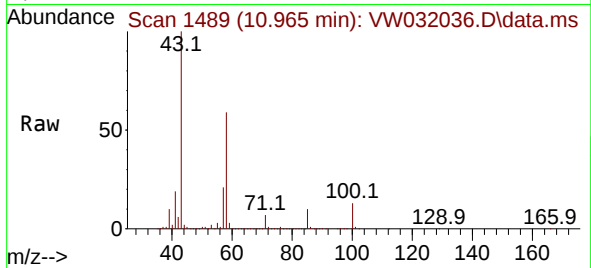




#59
2-Hexanone
Concen: 247.498 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

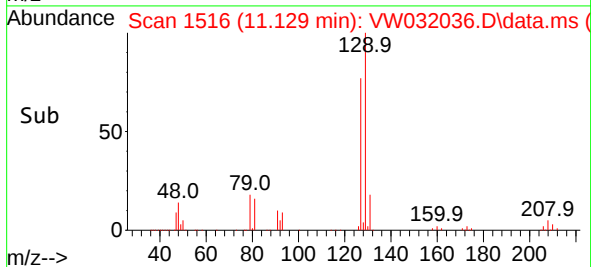
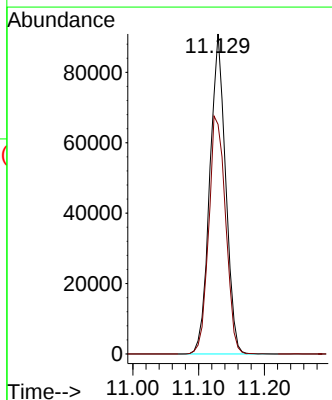
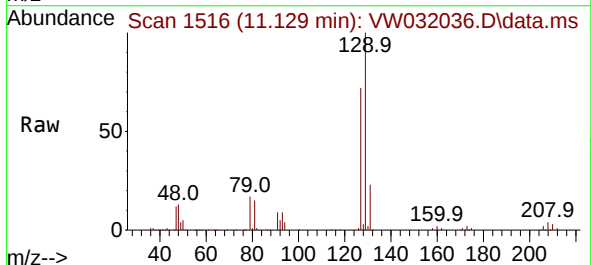
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

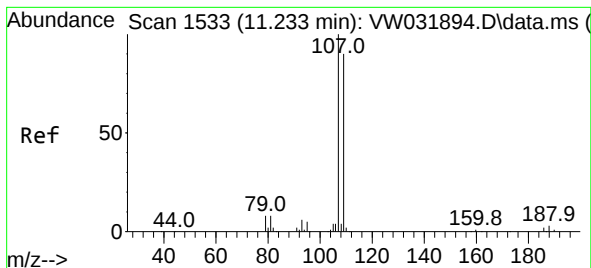
Tgt Ion: 43 Resp: 416151
Ion Ratio Lower Upper
43 100
58 57.9 28.5 85.6



#60
Dibromochloromethane
Concen: 51.908 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 129 Resp: 152059
Ion Ratio Lower Upper
129 100
127 79.4 39.6 118.8

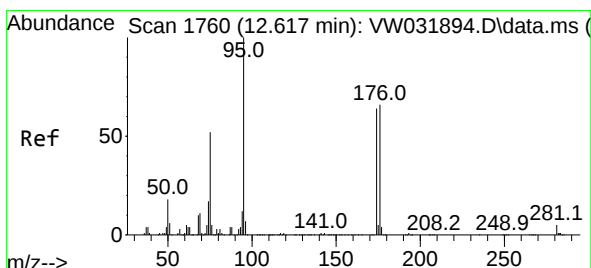
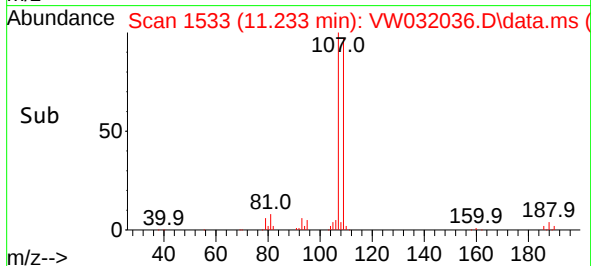
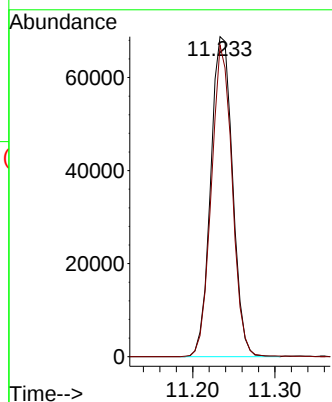
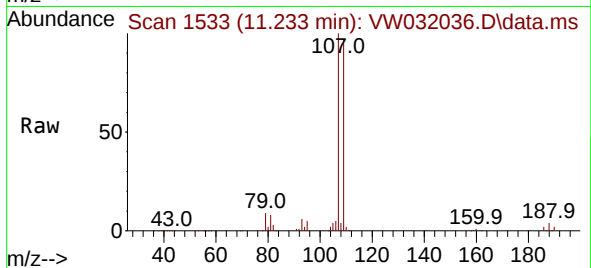




#61
1,2-Dibromoethane
Concen: 51.204 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

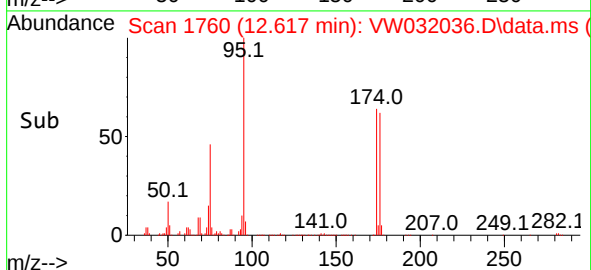
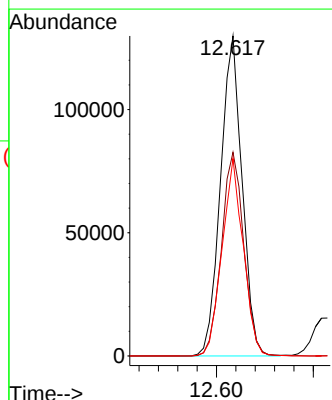
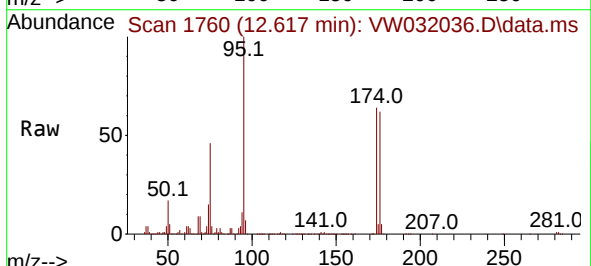
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

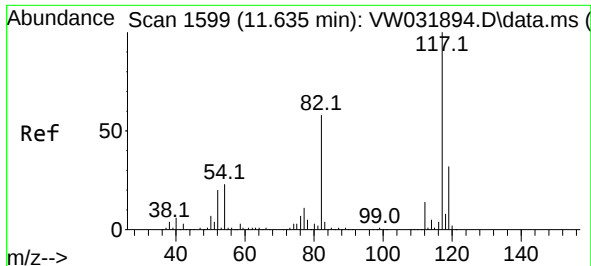
Tgt Ion:107 Resp: 127122
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.606 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 95 Resp: 200915
Ion Ratio Lower Upper
95 100
174 65.7 0.0 129.8
176 60.8 0.0 130.4

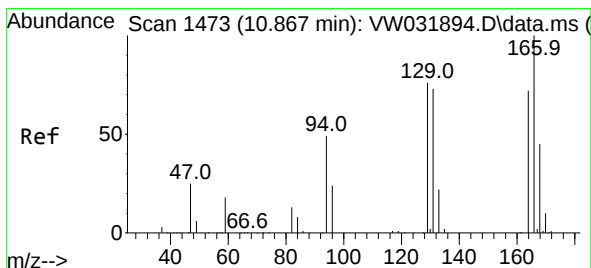
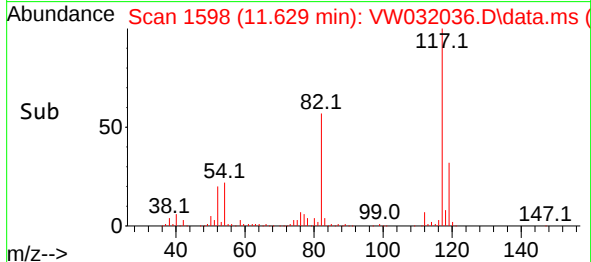
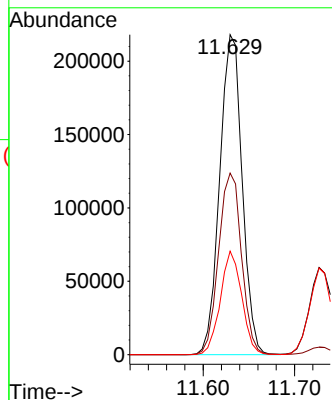
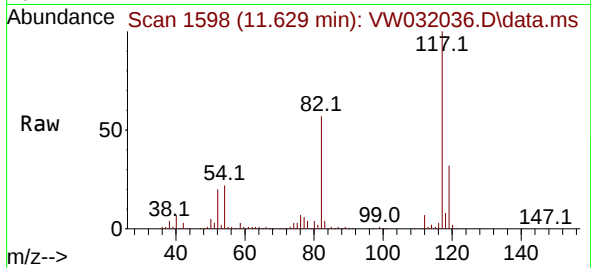




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

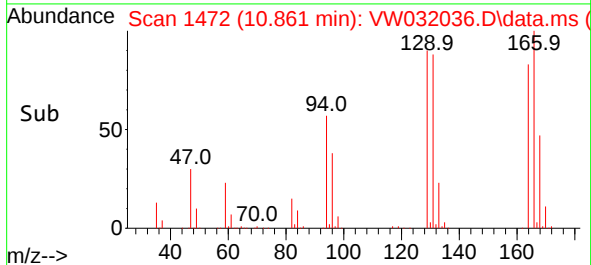
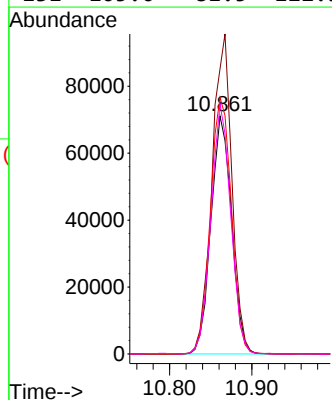
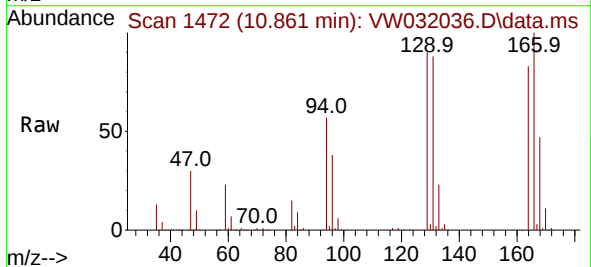
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

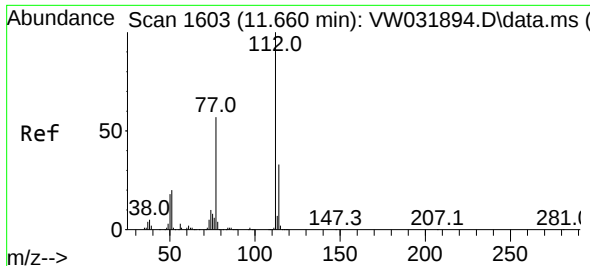
Tgt Ion:117 Resp: 372672
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 50.348 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:164 Resp: 123708
Ion Ratio Lower Upper
164 100
166 120.0 111.5 167.3
129 107.9 85.1 127.7
131 105.0 81.5 122.3

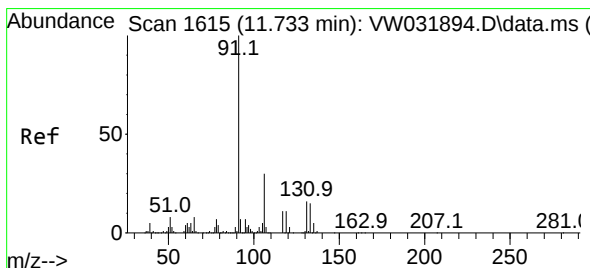
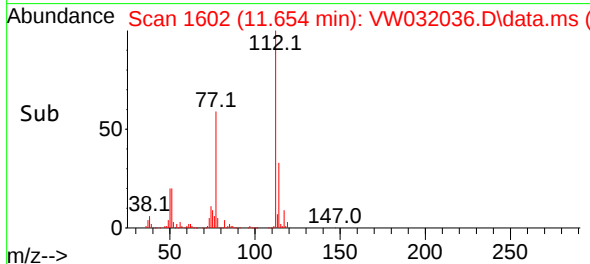
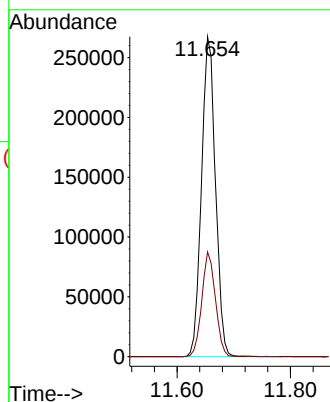
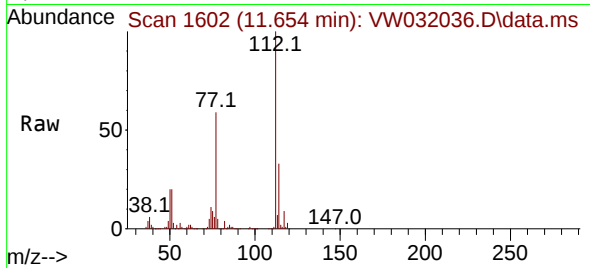




#65
Chlorobenzene
Concen: 50.142 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

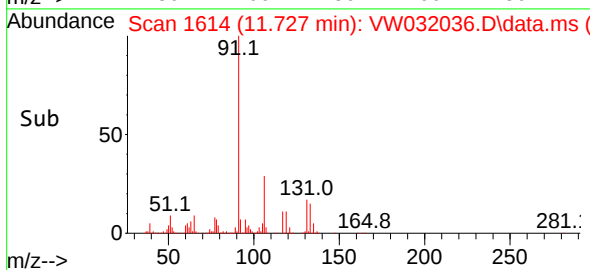
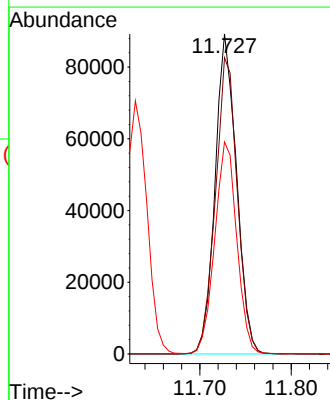
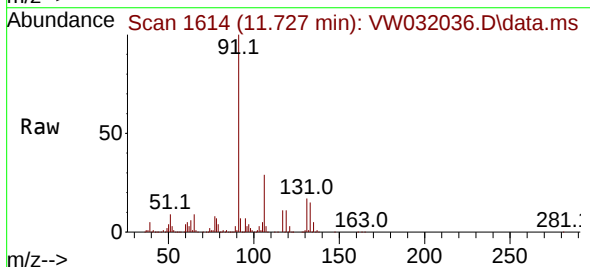
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

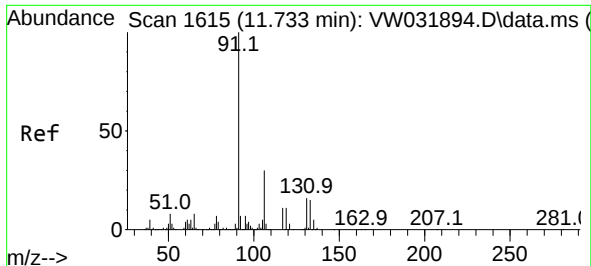
Tgt Ion:112 Resp: 457345
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.402 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:131 Resp: 145343
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 68.3 33.7 101.1





#67

Ethyl Benzene

Concen: 51.453 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

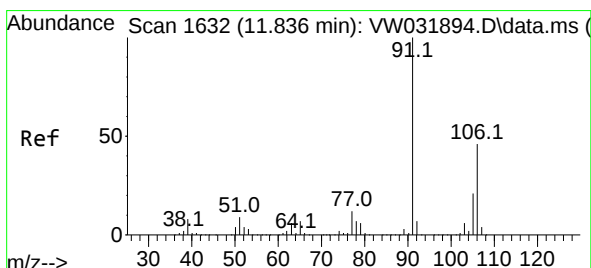
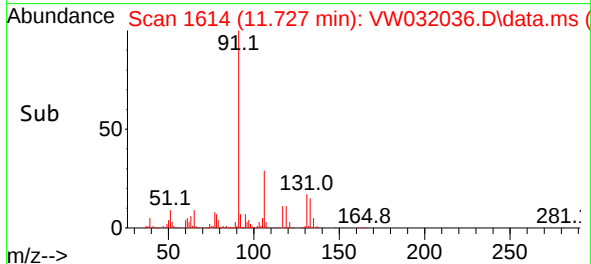
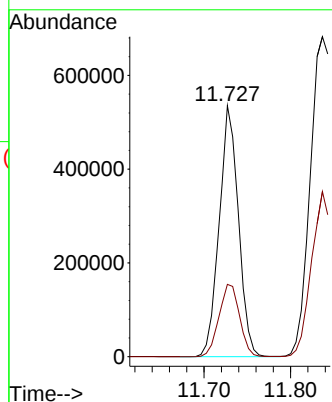
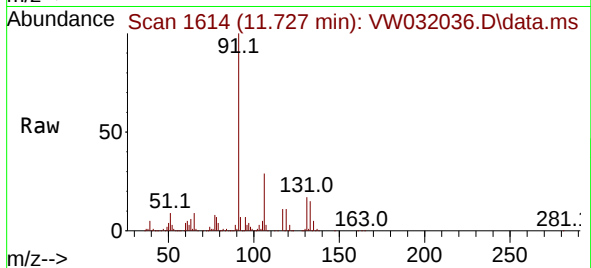
VSTDCCC050

Tgt Ion: 91 Resp: 824554

Ion Ratio Lower Upper

91 100

106 28.8 23.8 35.6



#68

m/p-Xylenes

Concen: 105.003 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032036.D

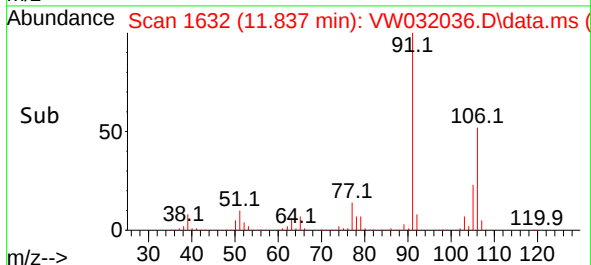
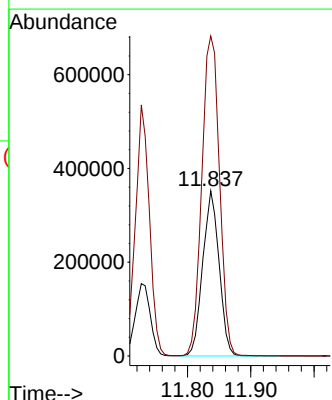
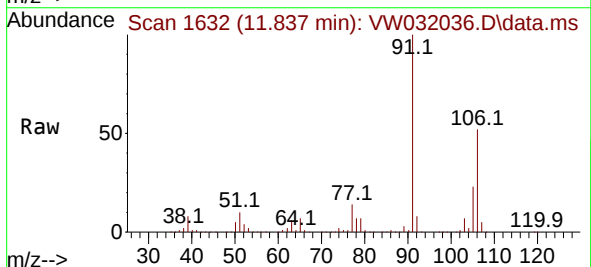
Acq: 07 Aug 2025 10:08

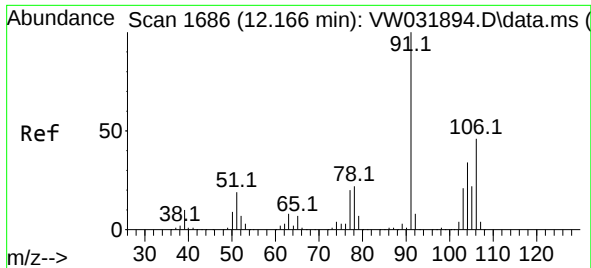
Tgt Ion:106 Resp: 633474

Ion Ratio Lower Upper

106 100

91 209.6 167.7 251.5

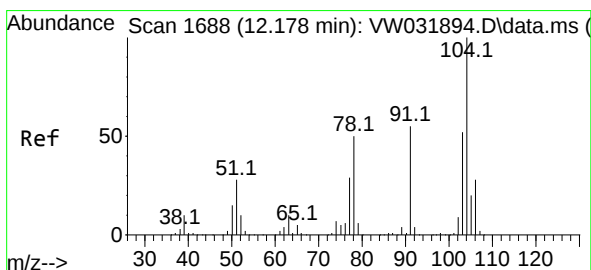
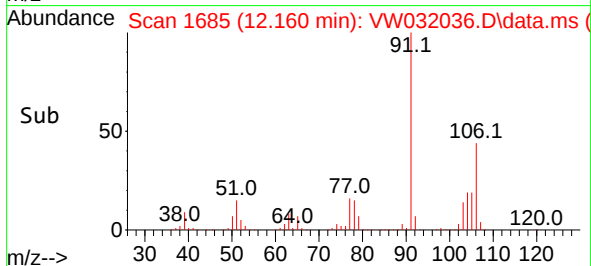
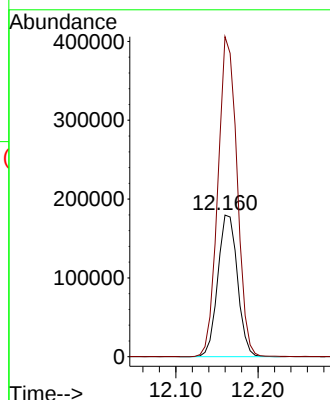
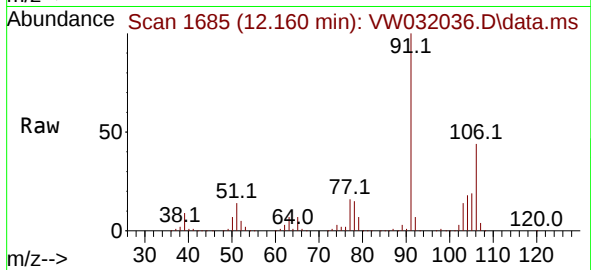




#69
o-Xylene
Concen: 52.301 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

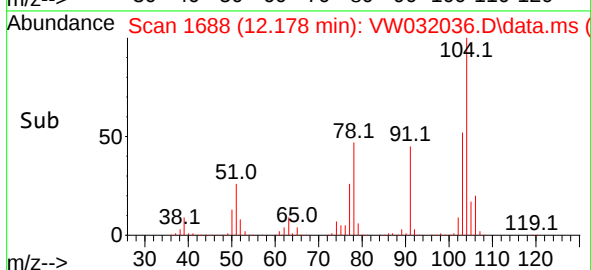
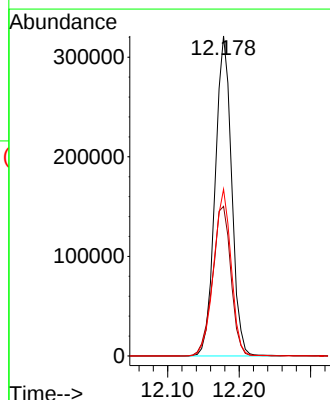
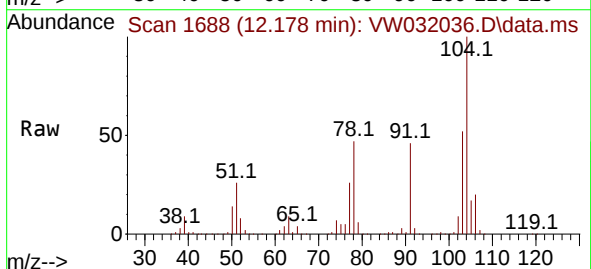
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

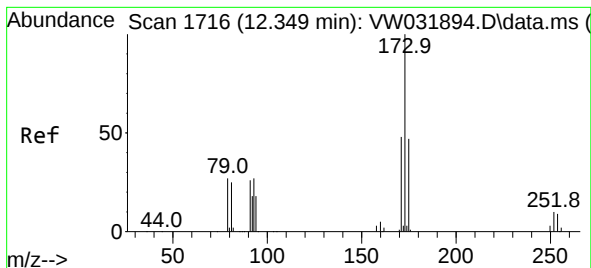
Tgt Ion:106 Resp: 298603
Ion Ratio Lower Upper
106 100
91 220.0 108.2 324.6



#70
Styrene
Concen: 52.816 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:104 Resp: 513413
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.4
103 55.1 42.8 64.2





#71

Bromoform

Concen: 50.346 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

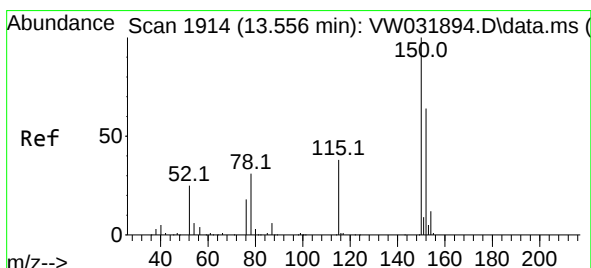
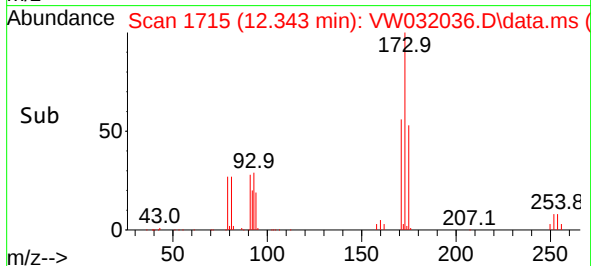
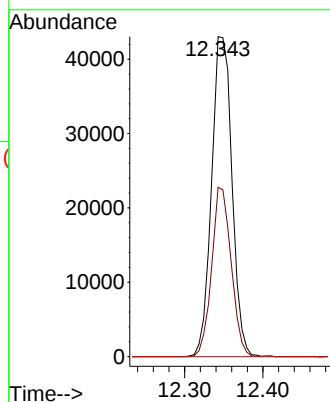
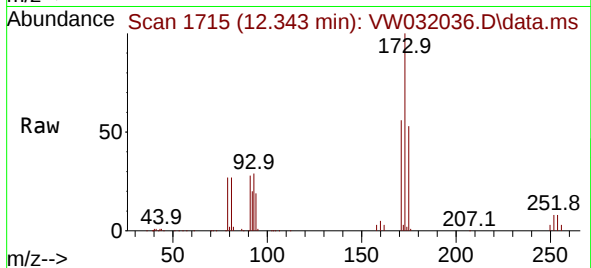
Tgt Ion:173 Resp: 77856

Ion Ratio Lower Upper

173 100

175 50.5 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: VW032036.D

Acq: 07 Aug 2025 10:08

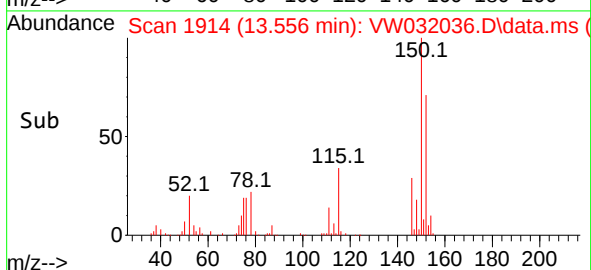
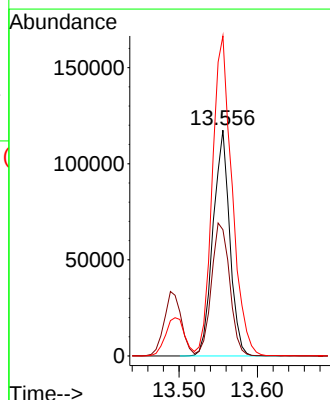
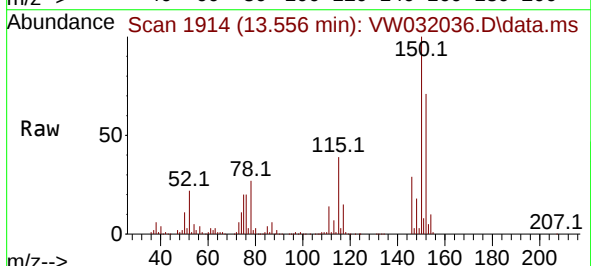
Tgt Ion:152 Resp: 173846

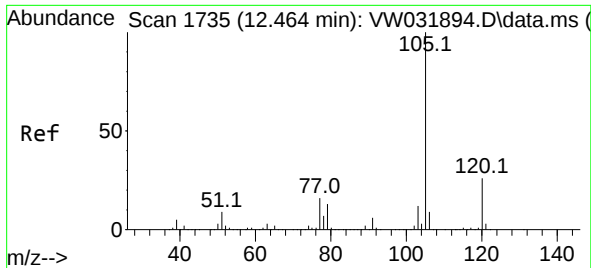
Ion Ratio Lower Upper

152 100

115 64.1 33.4 100.1

150 167.1 0.0 352.2

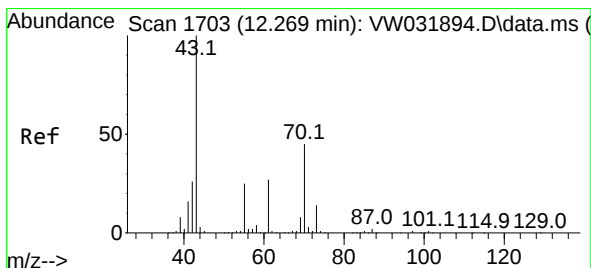
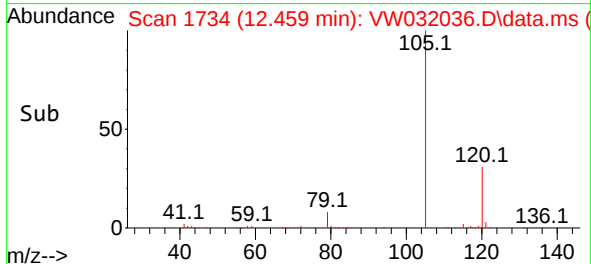
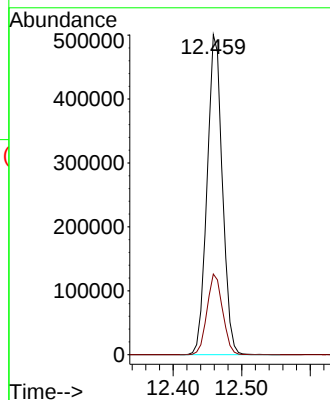
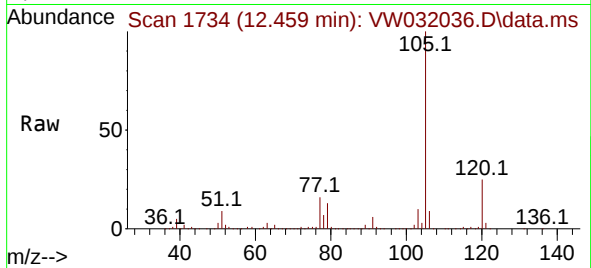




#73
Isopropylbenzene
Concen: 51.488 ug/l
RT: 12.459 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

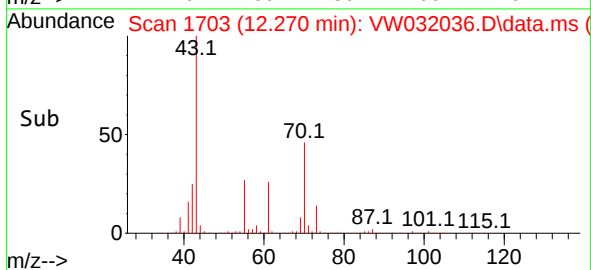
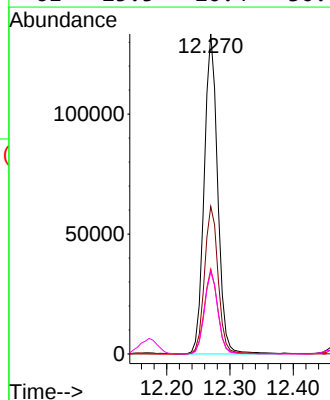
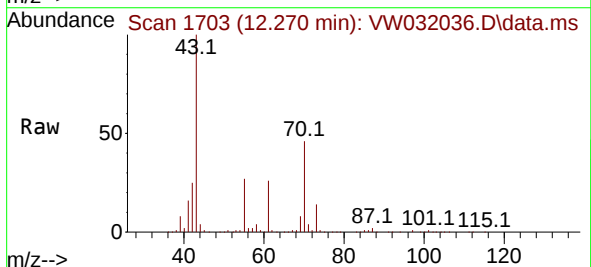
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

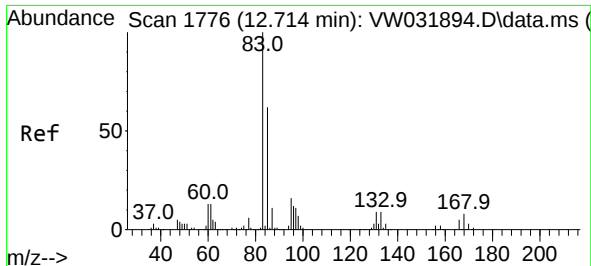
Tgt Ion:105 Resp: 776651
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 48.700 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 43 Resp: 198592
Ion Ratio Lower Upper
43 100
70 46.4 36.6 55.0
55 26.6 20.7 31.1
61 25.5 20.4 30.6

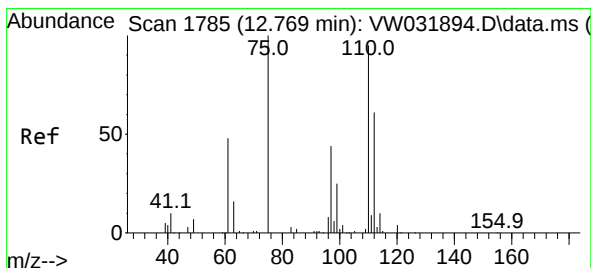
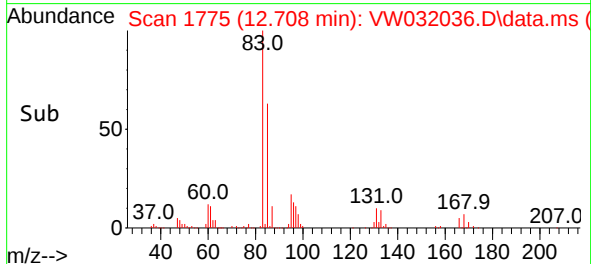
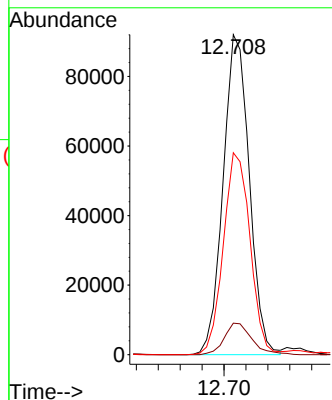
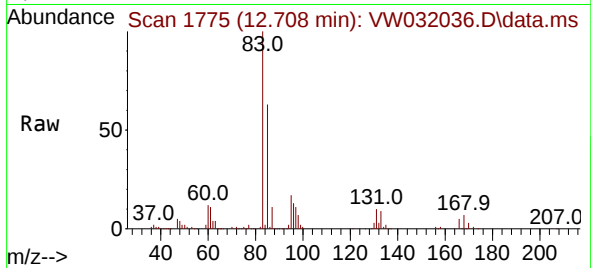




#75
1,1,2,2-Tetrachloroethane
Concen: 47.722 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

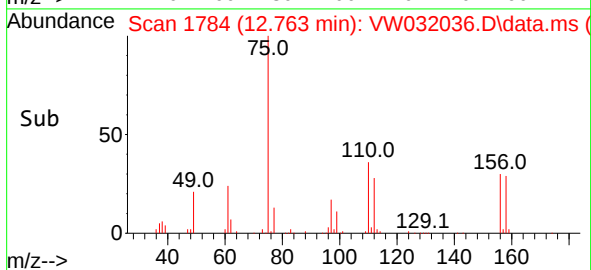
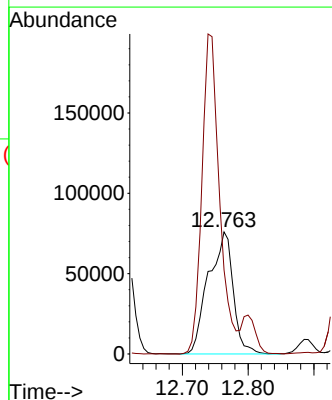
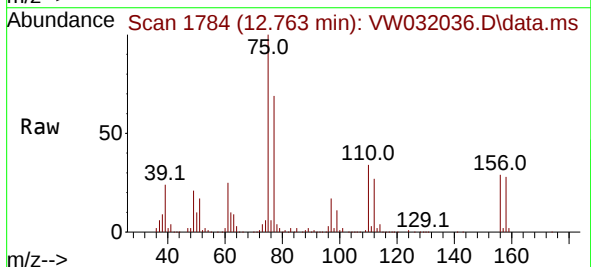
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

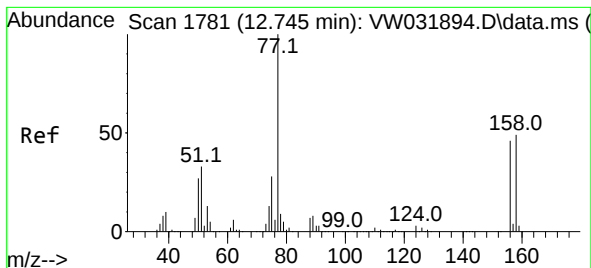
Tgt Ion: 83 Resp: 152795
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 82.870 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 75 Resp: 198904
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.604 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

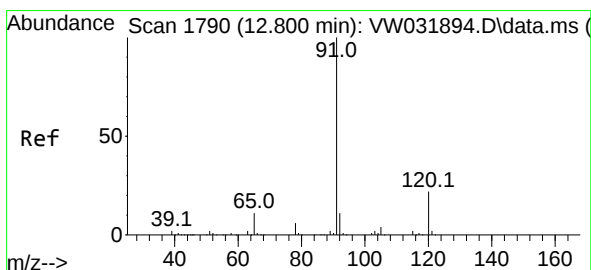
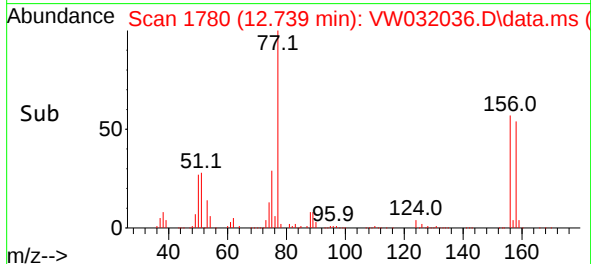
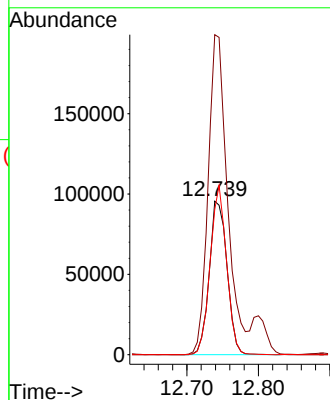
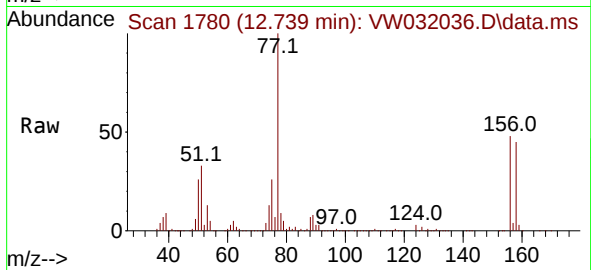
Tgt Ion:156 Resp: 165155

Ion Ratio Lower Upper

156 100

77 223.8 115.3 345.8

158 101.5 50.1 150.3



#78

n-propylbenzene

Concen: 50.439 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032036.D

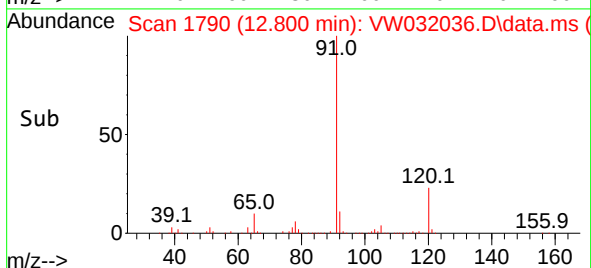
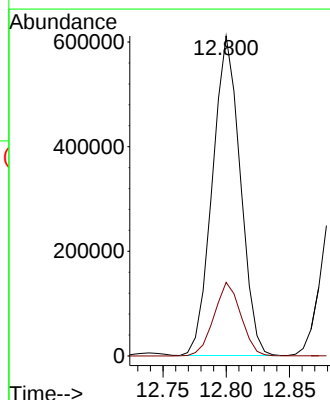
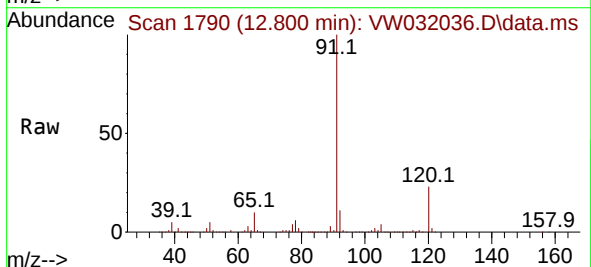
Acq: 07 Aug 2025 10:08

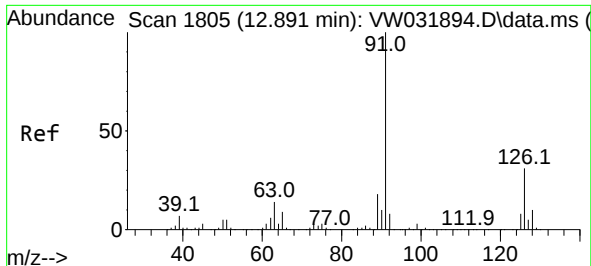
Tgt Ion: 91 Resp: 934432

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6

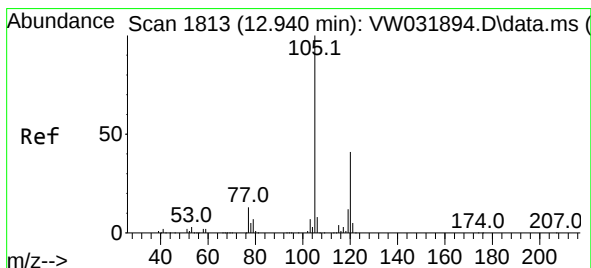
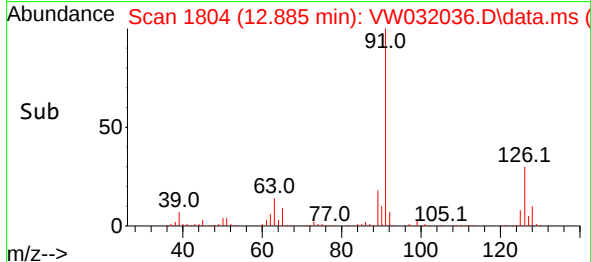
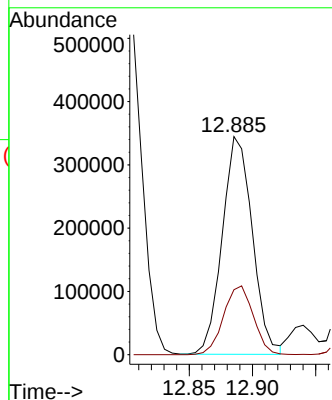
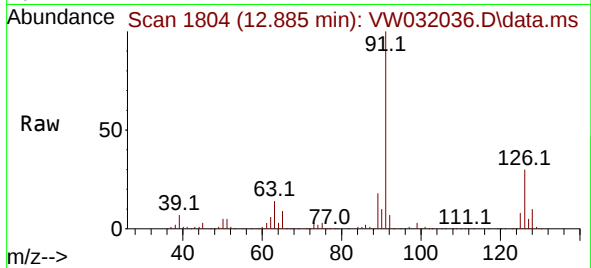




#79
2-Chlorotoluene
Concen: 51.439 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

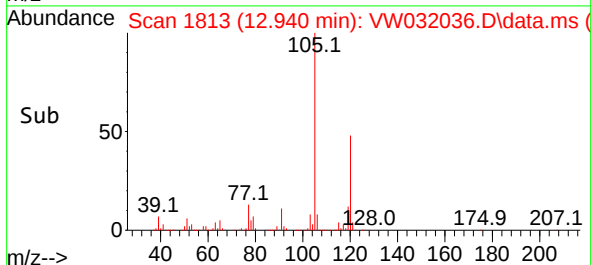
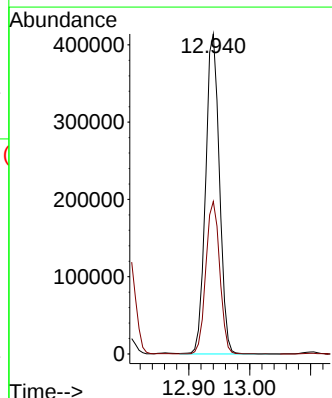
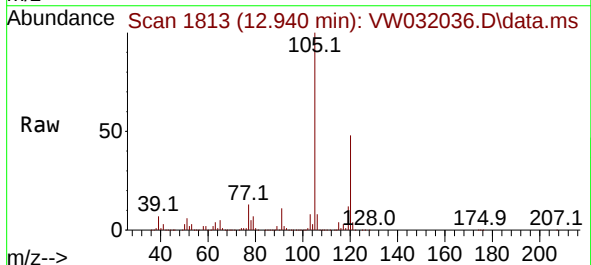
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 568974
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 51.480 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 105 Resp: 651264
Ion Ratio Lower Upper
105 100
120 48.1 23.5 70.5

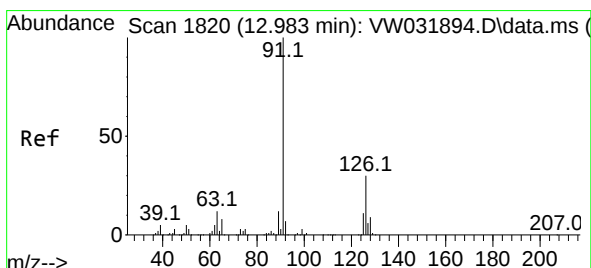
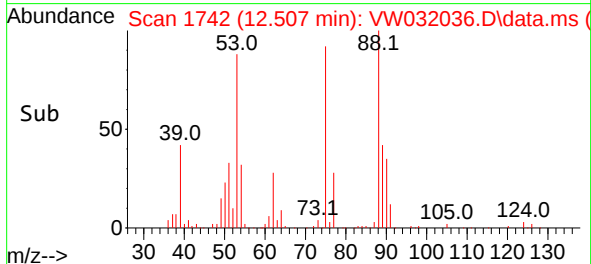
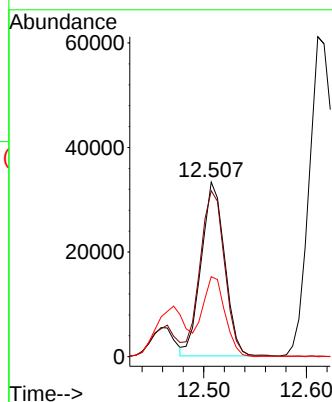
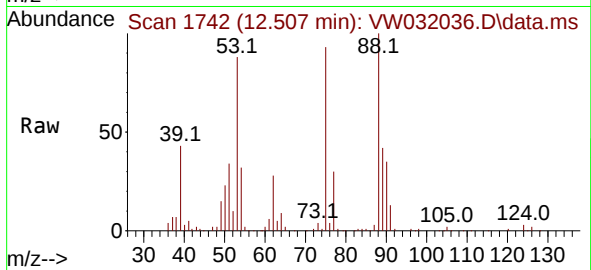




#81
trans-1,4-Dichloro-2-butene
Concen: 50.665 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

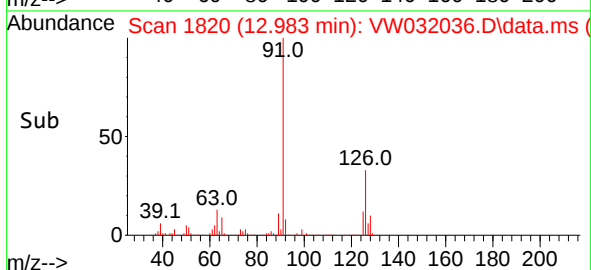
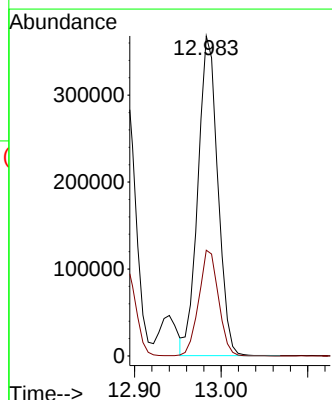
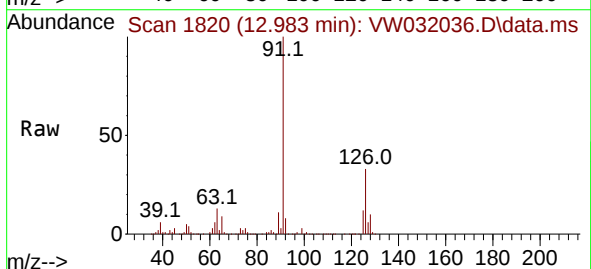
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

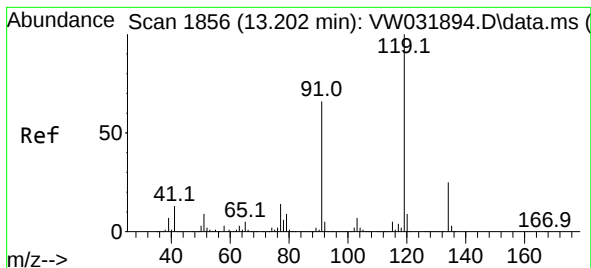
Tgt Ion:	75	Resp:	52673
Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.7	125.5
89	44.1	39.0	58.6



#82
4-Chlorotoluene
Concen: 50.381 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:	91	Resp:	584624
Ion	Ratio	Lower	Upper
91	100		
126	33.0	15.8	47.3

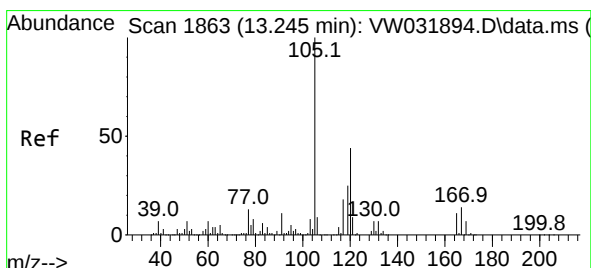
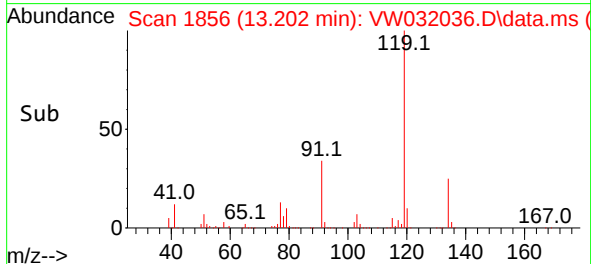
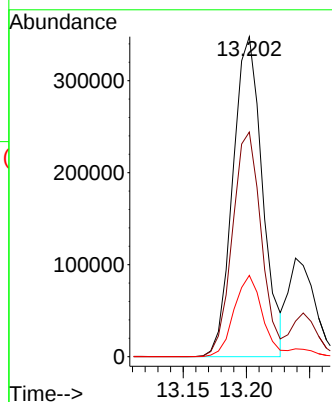
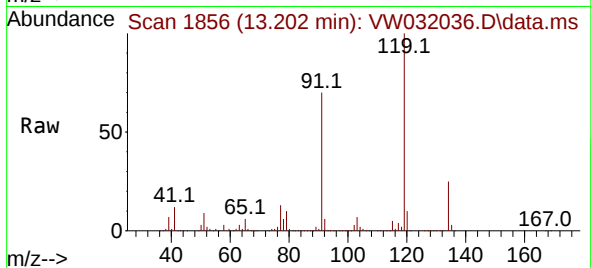




#83
tert-Butylbenzene
Concen: 52.719 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

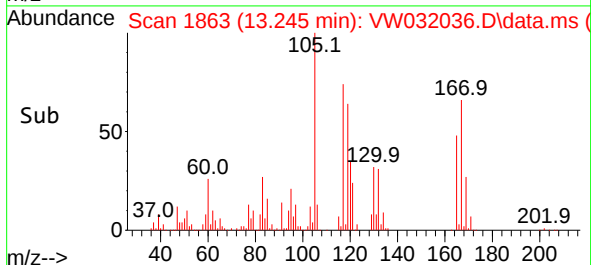
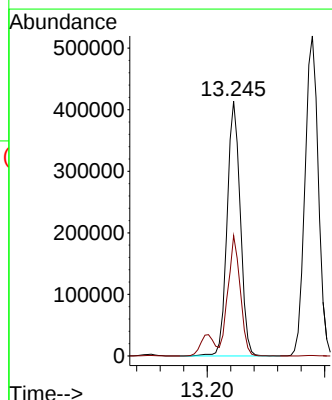
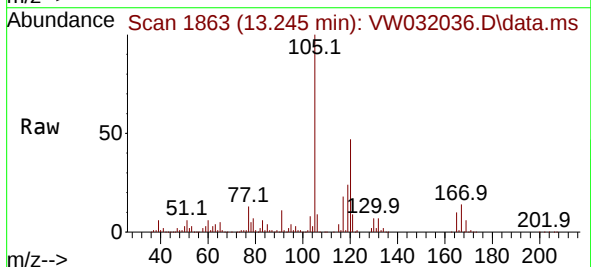
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

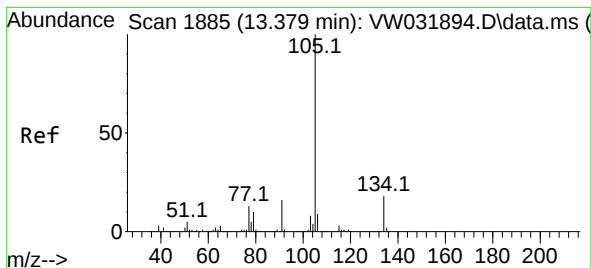
Tgt Ion:119 Resp: 568092
Ion Ratio Lower Upper
119 100
91 68.2 35.5 106.5
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 50.148 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion:105 Resp: 642127
Ion Ratio Lower Upper
105 100
120 44.0 21.3 63.9





#85

sec-Butylbenzene

Concen: 50.514 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

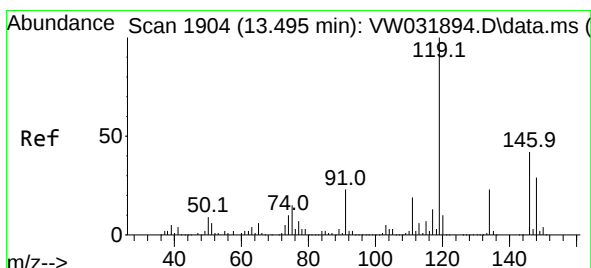
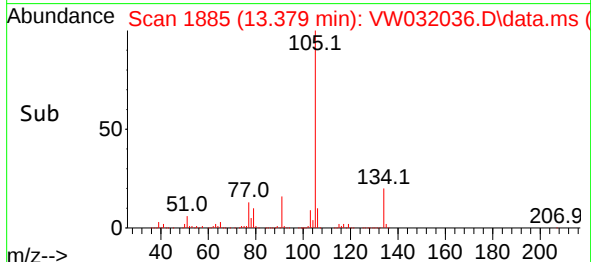
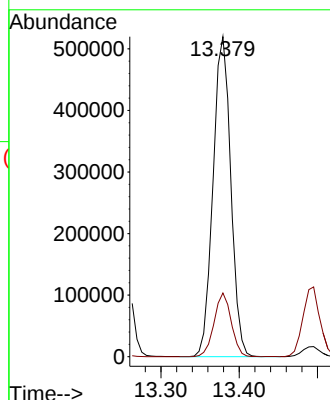
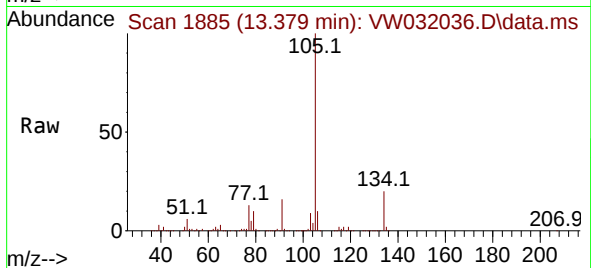
VSTDCCC050

Tgt Ion:105 Resp: 817447

Ion Ratio Lower Upper

105 100

134 19.2 9.2 27.6



#86

p-Isopropyltoluene

Concen: 50.158 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

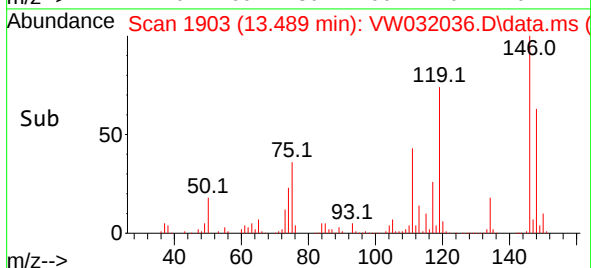
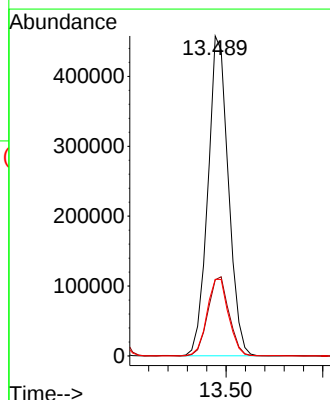
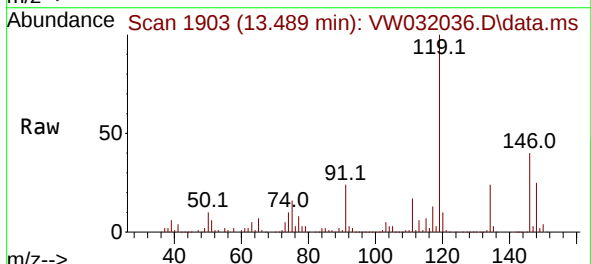
Tgt Ion:119 Resp: 670905

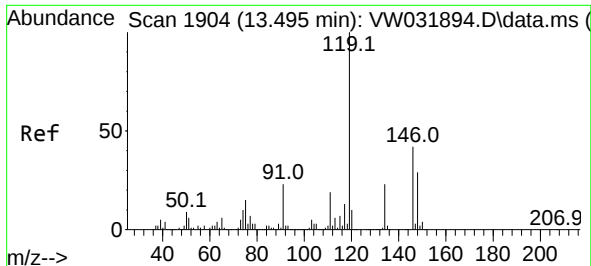
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.134 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

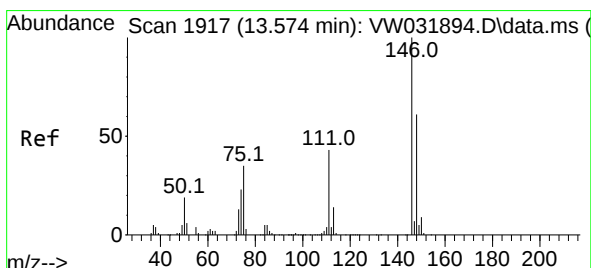
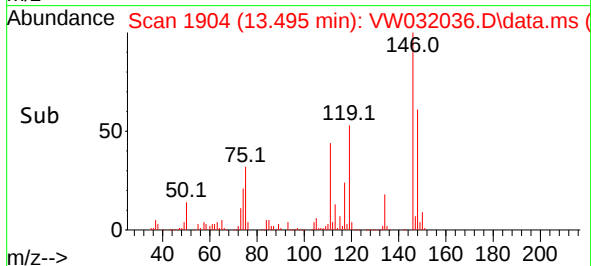
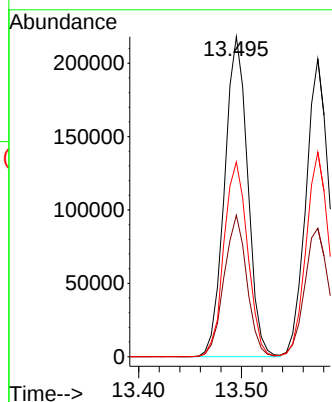
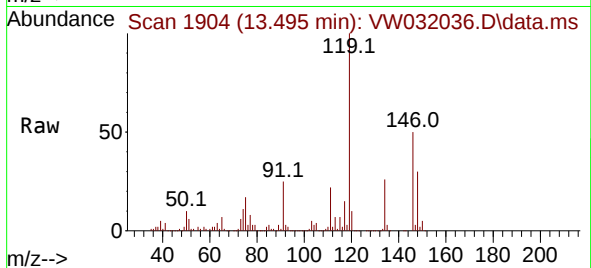
Tgt Ion:146 Resp: 340592

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

148 62.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.185 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

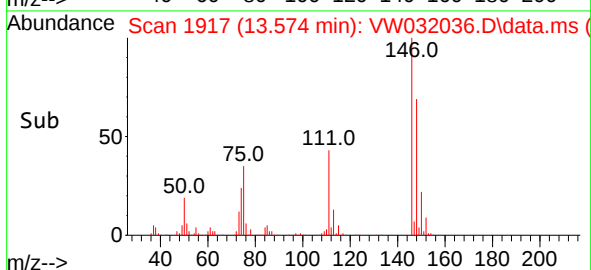
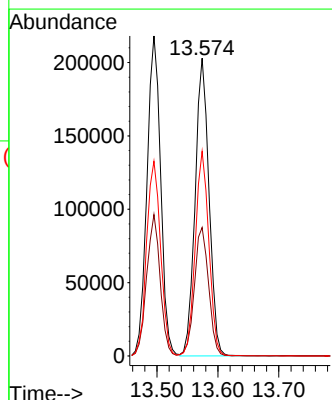
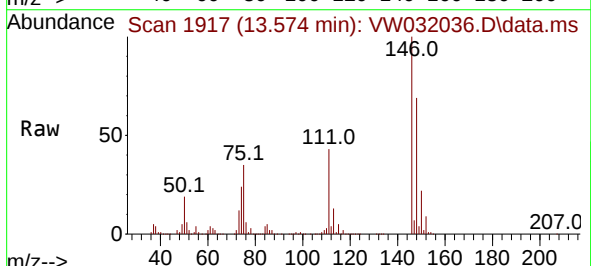
Tgt Ion:146 Resp: 320678

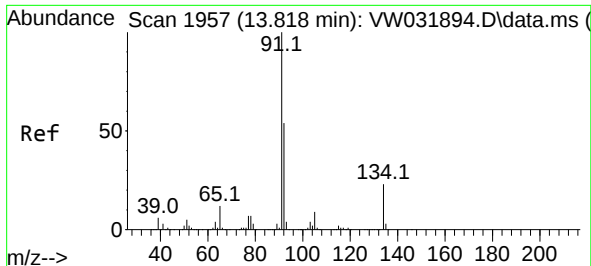
Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.3

148 67.6 31.8 95.3





#89

n-Butylbenzene

Concen: 51.533 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

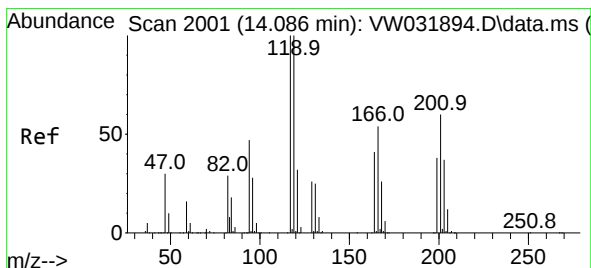
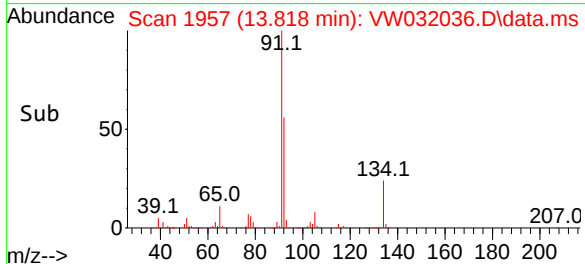
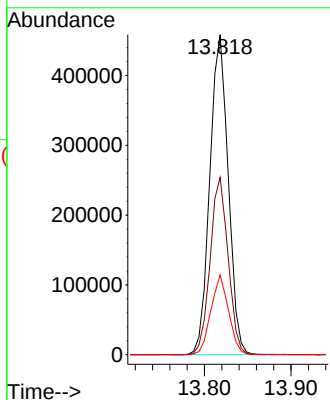
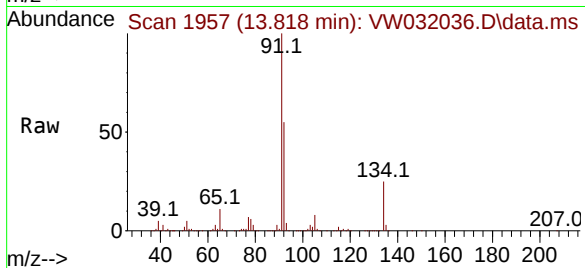
Tgt Ion: 91 Resp: 676179

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

134 23.9 11.6 34.7



#90

Hexachloroethane

Concen: 51.687 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032036.D

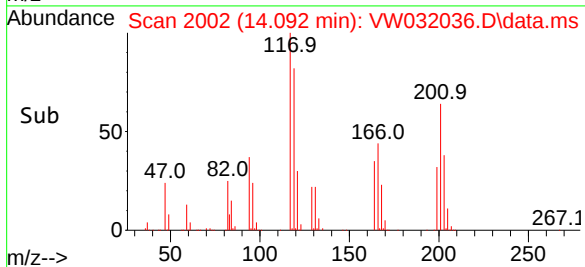
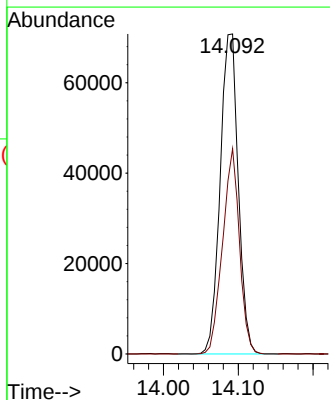
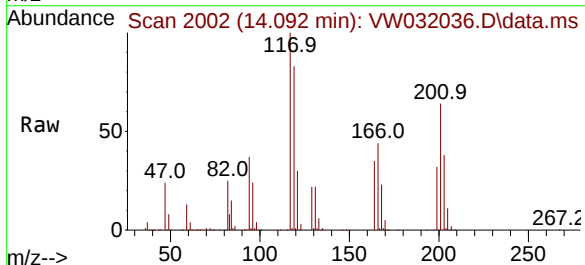
Acq: 07 Aug 2025 10:08

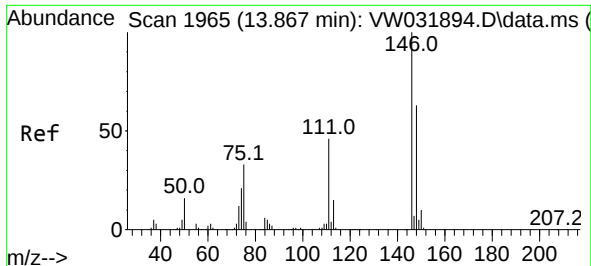
Tgt Ion: 117 Resp: 119549

Ion Ratio Lower Upper

117 100

201 59.7 28.4 85.2

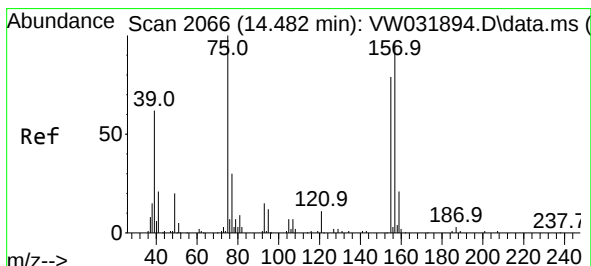
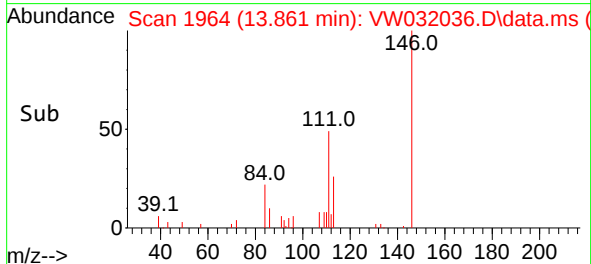
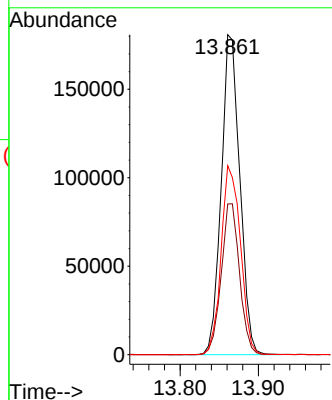
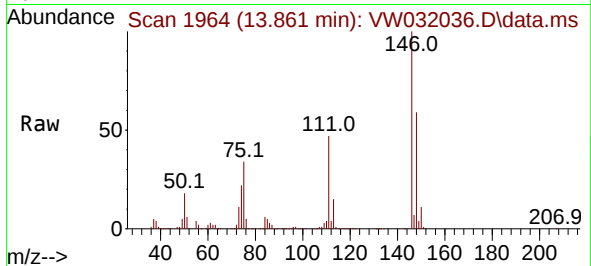




#91
1,2-Dichlorobenzene
Concen: 49.607 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

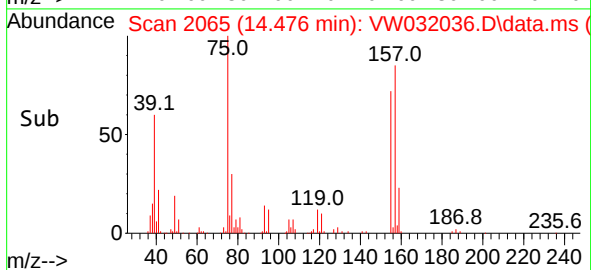
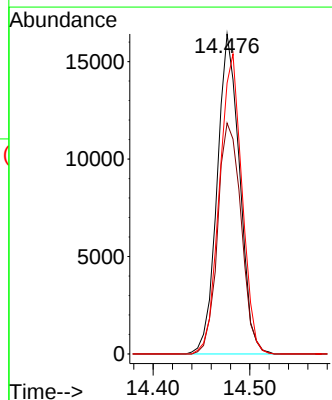
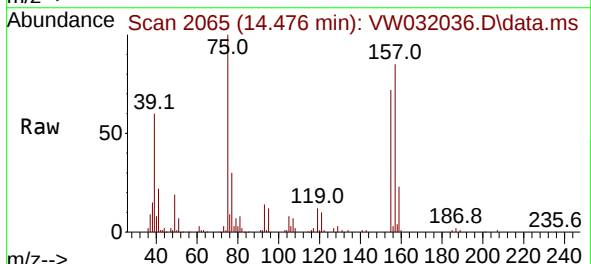
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

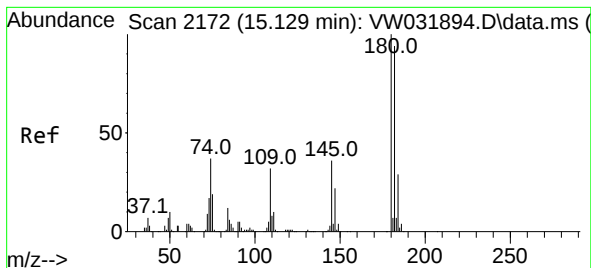
Tgt Ion:146 Resp: 298677
Ion Ratio Lower Upper
146 100
111 46.6 23.6 71.0
148 61.3 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.714 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032036.D
Acq: 07 Aug 2025 10:08

Tgt Ion: 75 Resp: 26443
Ion Ratio Lower Upper
75 100
155 75.5 35.9 107.7
157 93.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 49.946 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

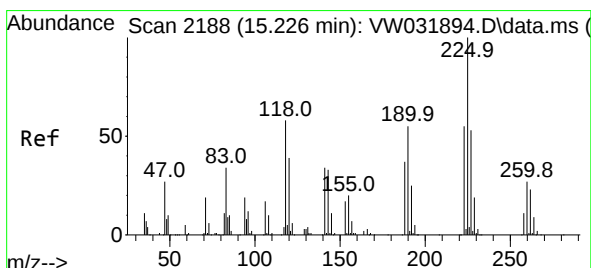
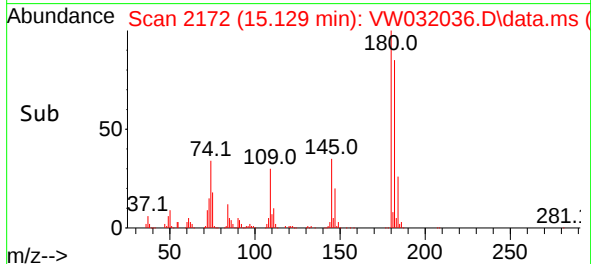
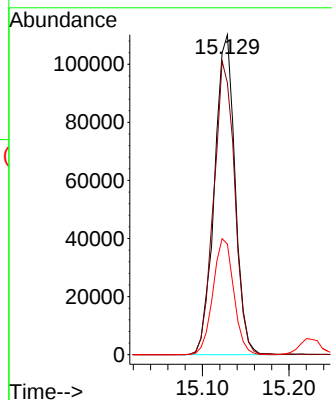
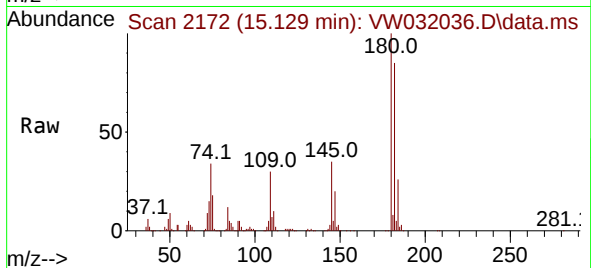
Tgt Ion:180 Resp: 181354

Ion Ratio Lower Upper

180 100

182 93.8 51.0 153.1

145 36.7 18.4 55.4



#94

Hexachlorobutadiene

Concen: 48.409 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

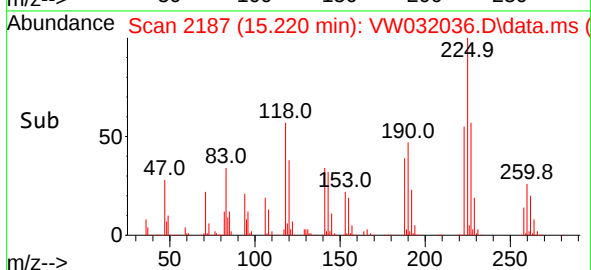
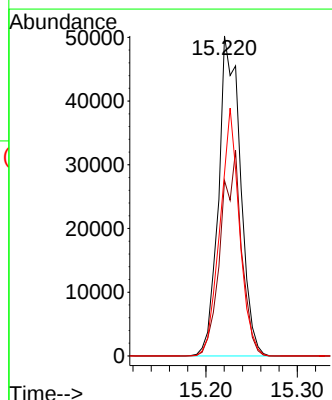
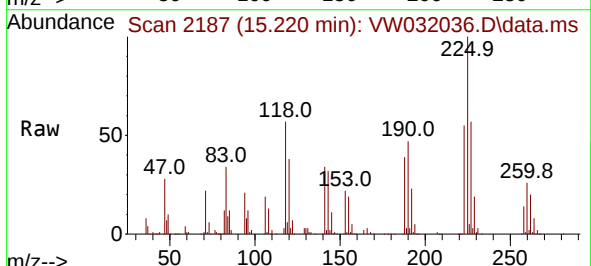
Tgt Ion:225 Resp: 83291

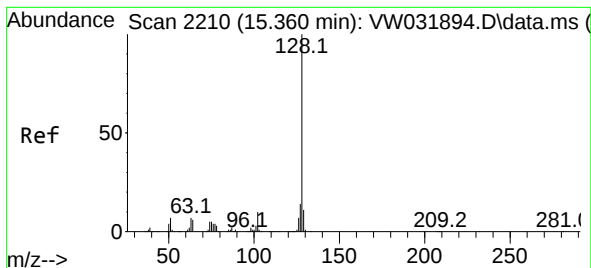
Ion Ratio Lower Upper

225 100

223 60.8 30.9 92.7

227 69.1 30.0 90.1





#95

Naphthalene

Concen: 48.958 ug/l

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

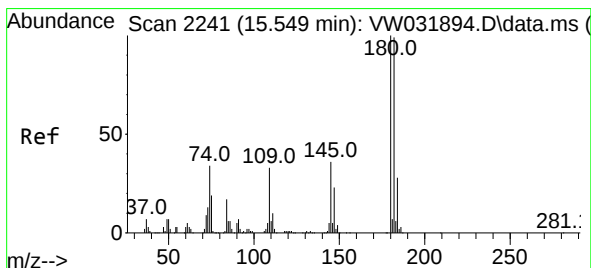
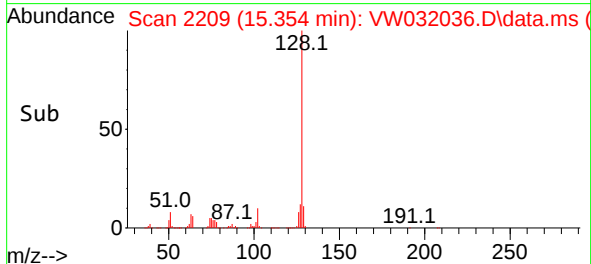
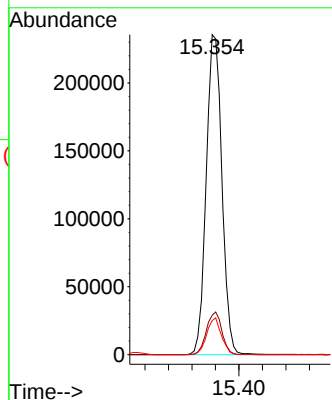
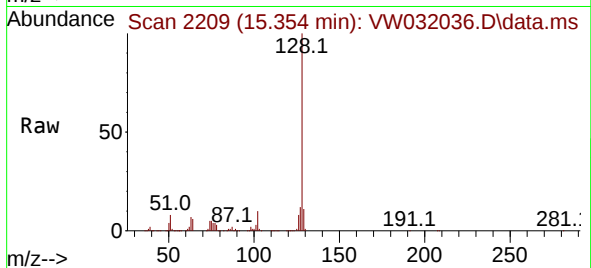
Tgt Ion:128 Resp: 437045

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 47.223 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032036.D

Acq: 07 Aug 2025 10:08

Tgt Ion:180 Resp: 155356

Ion Ratio Lower Upper

180 100

182 101.8 50.4 151.2

145 39.3 18.6 55.8

