

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032107.D
 Acq On : 22 Aug 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 03:50:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	229263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	385827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177844	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	152066	45.861	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.720%
35) Dibromofluoromethane	7.898	113	125841	50.486	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.980%
50) Toluene-d8	10.325	98	466809	50.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.617	95	166189	48.916	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	79950	48.758	ug/l	96
3) Chloromethane	2.253	50	90146	40.813	ug/l	99
4) Vinyl Chloride	2.405	62	124908	46.752	ug/l	94
5) Bromomethane	2.820	94	101013	50.395	ug/l	95
6) Chloroethane	2.966	64	86326	48.829	ug/l	99
7) Trichlorofluoromethane	3.302	101	112002	52.330	ug/l	97
8) Diethyl Ether	3.716	74	83017	47.343	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	138537	54.865	ug/l	97
10) Methyl Iodide	4.308	142	173519	48.466	ug/l	96
11) Tert butyl alcohol	5.216	59	47760	222.440	ug/l	96
12) 1,1-Dichloroethene	4.076	96	146702	52.763	ug/l	94
13) Acrolein	3.930	56	28240	82.547	ug/l	98
14) Allyl chloride	4.698	41	180376	44.575	ug/l #	87
15) Acrylonitrile	5.399	53	187399	224.373	ug/l	99
16) Acetone	4.155	43	215353	280.521	ug/l	94
17) Carbon Disulfide	4.417	76	329086	44.096	ug/l	98
18) Methyl Acetate	4.698	43	103907	42.773	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	230631	47.078	ug/l	99
20) Methylene Chloride	4.954	84	151276	42.619	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	140330	47.559	ug/l	96
22) Diisopropyl ether	6.338	45	393820	46.165	ug/l	94
23) Vinyl Acetate	6.277	43	1376206	245.711	ug/l	99
24) 1,1-Dichloroethane	6.240	63	251551	46.152	ug/l	99
25) 2-Butanone	7.191	43	252610	231.522	ug/l	97
26) 2,2-Dichloropropane	7.179	77	138368	50.603	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	167202	48.478	ug/l	96
28) Bromochloromethane	7.527	49	107827	43.473	ug/l	97
29) Tetrahydrofuran	7.545	42	165971	230.658	ug/l	98
30) Chloroform	7.685	83	284406	49.220	ug/l	100
31) Cyclohexane	7.965	56	208290	44.080	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	211487	50.388	ug/l	97
36) 1,1-Dichloropropene	8.093	75	190790	54.296	ug/l	99
37) Ethyl Acetate	7.270	43	111072	53.670	ug/l	97
38) Carbon Tetrachloride	8.081	117	204584	60.331	ug/l	96
39) Methylcyclohexane	9.343	83	232096	54.191	ug/l	97
40) Benzene	8.331	78	573925	52.545	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	64477	54.938	ug/l	98
42) 1,2-Dichloroethane	8.410	62	191460	54.779	ug/l	98
43) Isopropyl Acetate	8.435	43	204668	53.753	ug/l	98
44) Trichloroethene	9.099	130	138614	53.290	ug/l	99
45) 1,2-Dichloropropane	9.374	63	135525	51.359	ug/l	98
46) Dibromomethane	9.465	93	91794	53.899	ug/l	96
47) Bromodichloromethane	9.648	83	213806	54.482	ug/l	98
48) Methyl methacrylate	9.441	41	95664	52.043	ug/l	93
49) 1,4-Dioxane	9.459	88	24278	1102.542	ug/l	98
51) 4-Methyl-2-Pentanone	10.209	43	583607	271.556	ug/l	98
52) Toluene	10.386	92	374497	54.434	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	197759	53.789	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	221731	53.160	ug/l #	88
55) 1,1,2-Trichloroethane	10.788	97	119964	53.009	ug/l	97
56) Ethyl methacrylate	10.648	69	163765	54.076	ug/l #	94
57) 1,3-Dichloropropane	10.928	76	203093	51.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.922	63	418525	249.848	ug/l	99
59) 2-Hexanone	10.965	43	410868	276.045	ug/l	96
60) Dibromochloromethane	11.130	129	147281	56.972	ug/l	98
61) 1,2-Dibromoethane	11.233	107	116633	53.033	ug/l	97
64) Tetrachloroethene	10.861	164	116098	57.415	ug/l	95
65) Chlorobenzene	11.654	112	411476	53.999	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	137785	57.955	ug/l	97
67) Ethyl Benzene	11.727	91	727983	56.401	ug/l	99
68) m/p-Xylenes	11.837	106	573373	115.123	ug/l	99
69) o-Xylene	12.166	106	263527	57.247	ug/l	97
70) Styrene	12.178	104	457694	55.976	ug/l	99
71) Bromoform	12.349	173	84763	62.328	ug/l #	99
73) Isopropylbenzene	12.459	105	678121	54.561	ug/l	98
74) N-amyl acetate	12.270	43	191017	53.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.715	83	149910	50.800	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	189767	78.619	ug/l	56
77) Bromobenzene	12.745	156	165247	55.667	ug/l	90
78) n-propylbenzene	12.800	91	858032	56.074	ug/l	98
79) 2-Chlorotoluene	12.891	91	499434	52.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	577915	54.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	45905	49.236	ug/l	91
82) 4-Chlorotoluene	12.983	91	513517	51.180	ug/l	94
83) tert-Butylbenzene	13.202	119	512461	58.520	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	594687	55.365	ug/l	99
85) sec-Butylbenzene	13.379	105	746453	56.380	ug/l	100
86) p-Isopropyltoluene	13.489	119	618425	56.029	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	334998	56.714	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	329197	55.149	ug/l	97
89) n-Butylbenzene	13.818	91	615433	57.394	ug/l	99
90) Hexachloroethane	14.086	117	113164	56.062	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	289722	54.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25812	49.202	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	177438	55.434	ug/l	99
94) Hexachlorobutadiene	15.226	225	82155	57.418	ug/l	95
95) Naphthalene	15.360	128	412715	52.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	159949	54.921	ug/l	94

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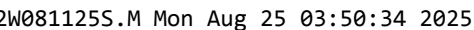
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

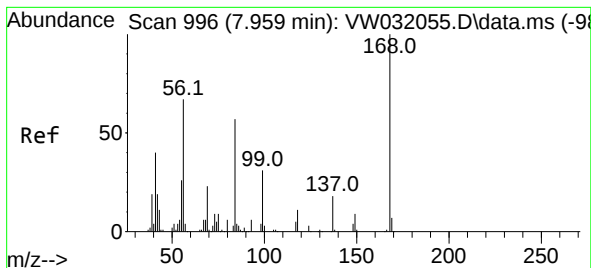
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032107.D

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Instrument :

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ClientSampleId :

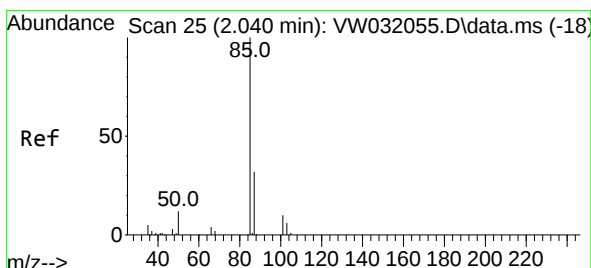
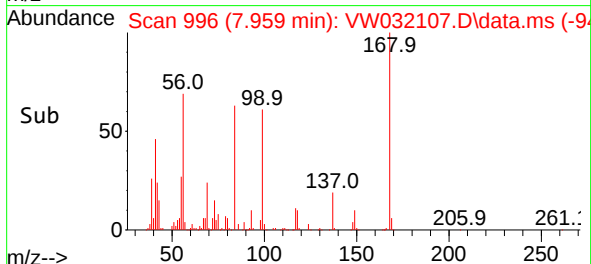
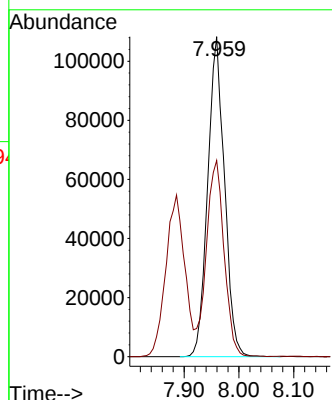
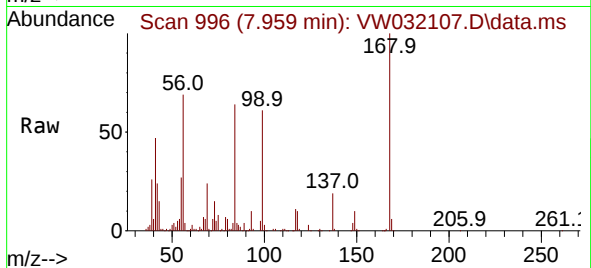
VSTDCCC050

Tgt Ion:168 Resp: 229263

Ion Ratio Lower Upper

168 100

99 61.2 56.0 84.0



#2

Dichlorodifluoromethane

Concen: 48.758 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW032107.D

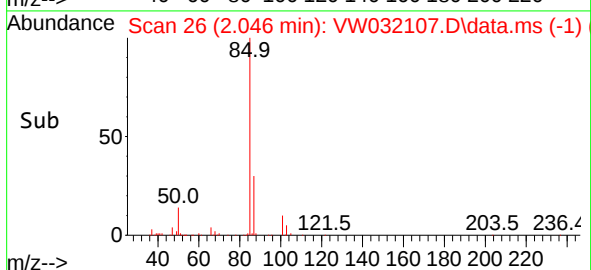
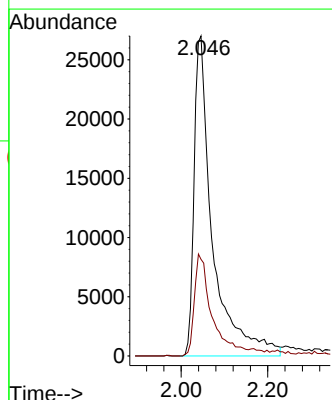
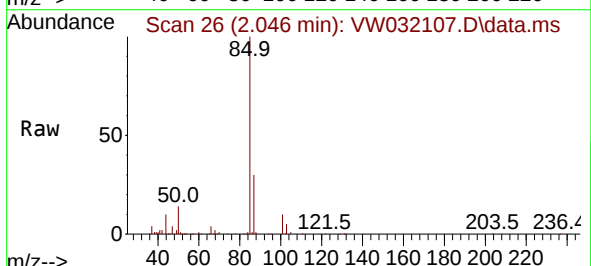
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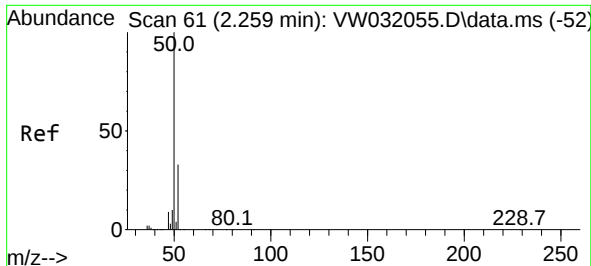
Tgt Ion: 85 Resp: 79950

Ion Ratio Lower Upper

85 100

87 30.2 16.2 48.6

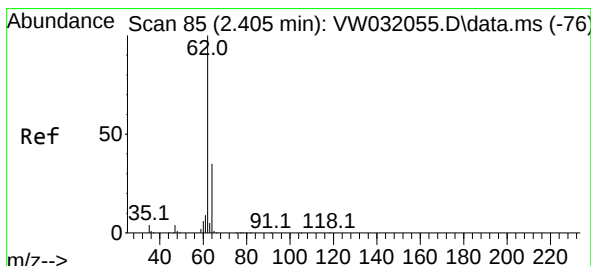
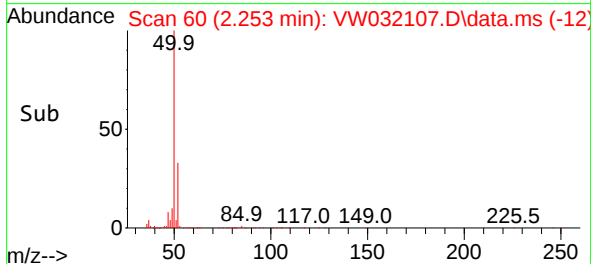
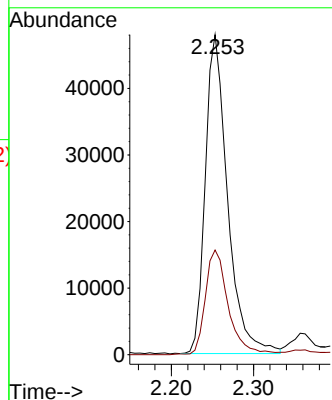
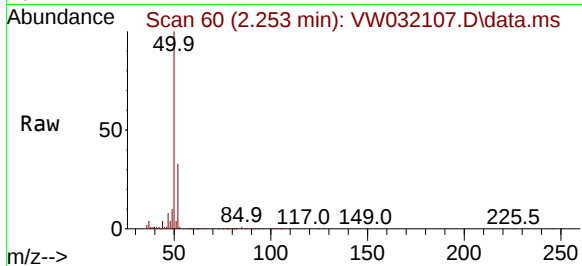




#3
Chloromethane
Concen: 40.813 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

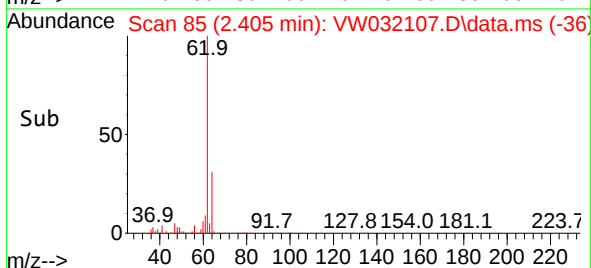
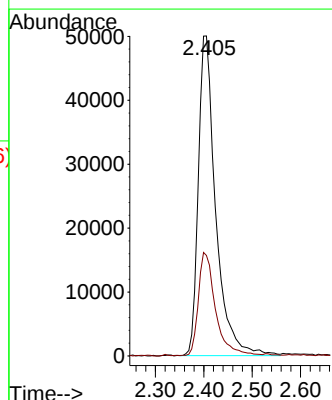
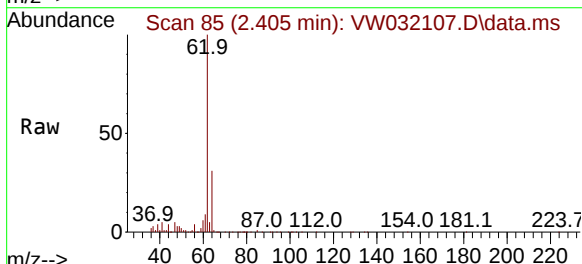
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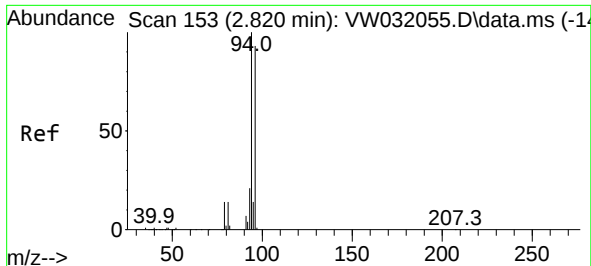
Tgt Ion: 50 Resp: 90146
Ion Ratio Lower Upper
50 100
52 32.6 26.6 39.8



#4
Vinyl Chloride
Concen: 46.752 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 62 Resp: 124908
Ion Ratio Lower Upper
62 100
64 31.3 27.8 41.6

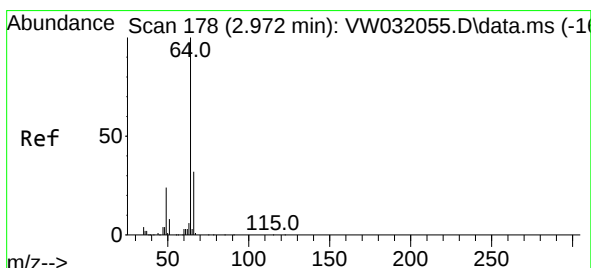
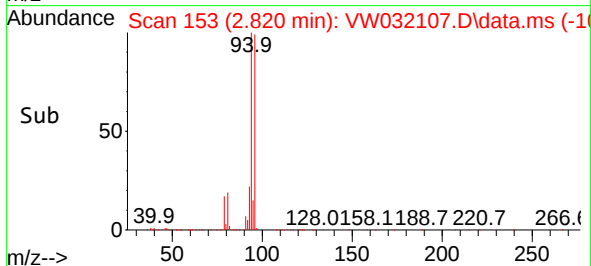
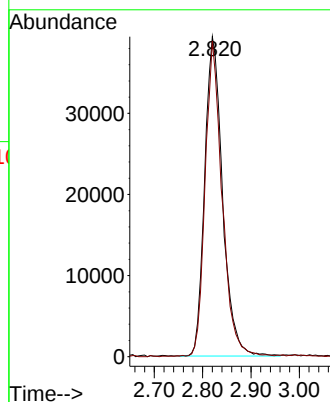
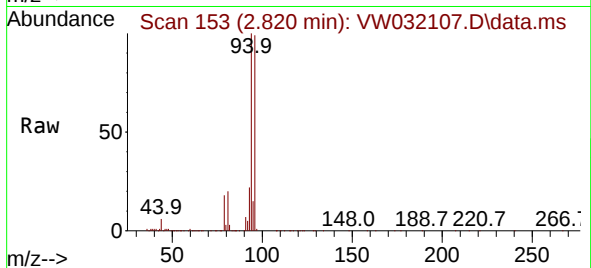




#5
Bromomethane
Concen: 50.395 ug/l
RT: 2.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

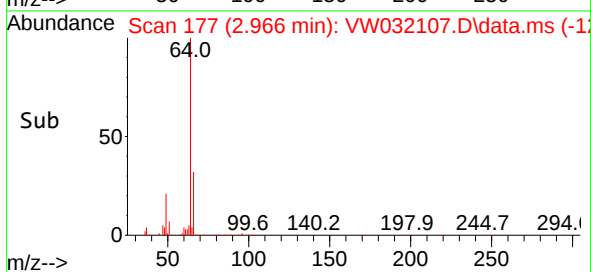
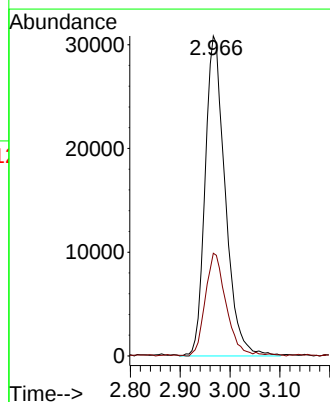
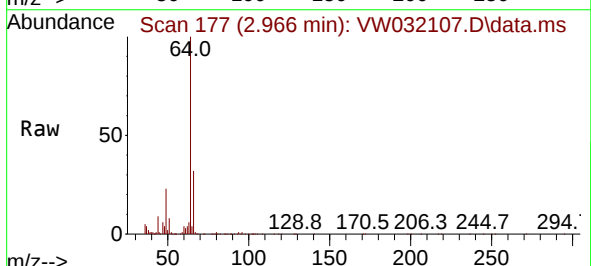
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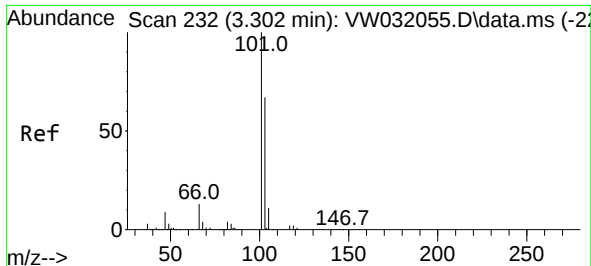
Tgt Ion: 94 Resp: 101013
Ion Ratio Lower Upper
94 100
96 98.6 74.7 112.1



#6
Chloroethane
Concen: 48.829 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 64 Resp: 86326
Ion Ratio Lower Upper
64 100
66 31.9 26.0 39.0

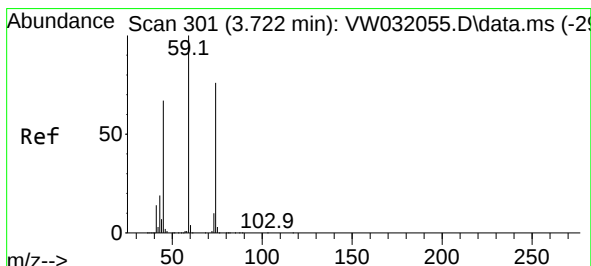
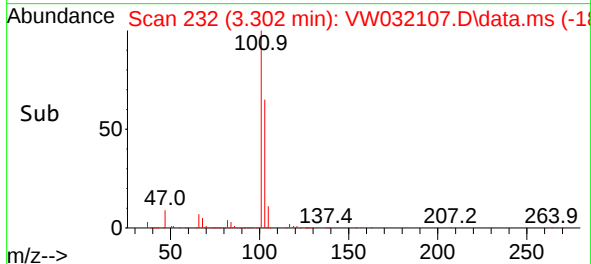
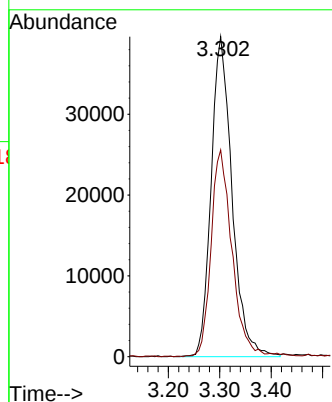
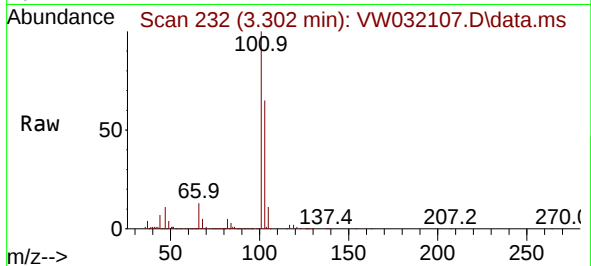




#7
 Trichlorofluoromethane
 Concen: 52.330 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

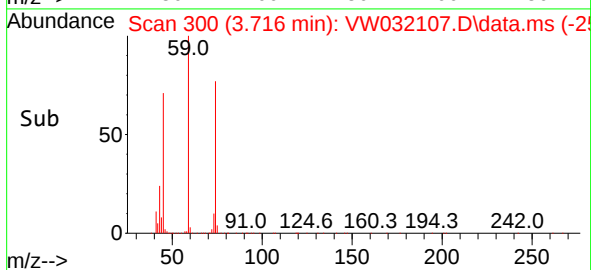
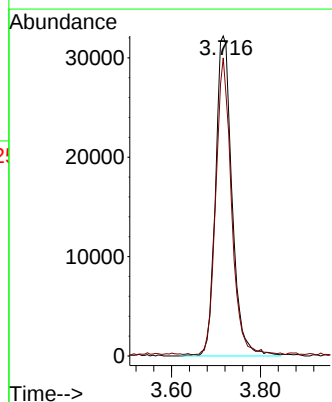
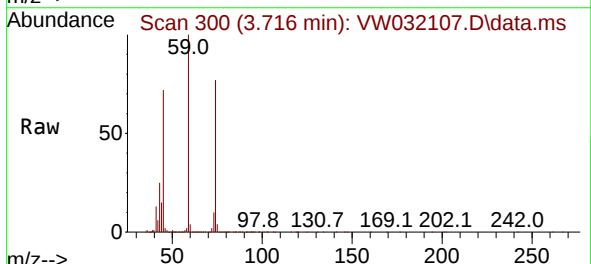
Instrument :
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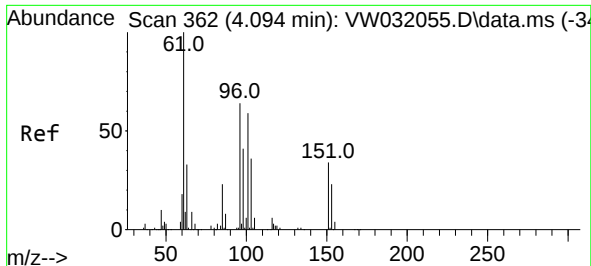
Tgt Ion:101 Resp: 112002
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0



#8
 Diethyl Ether
 Concen: 47.343 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 83017
 Ion Ratio Lower Upper
 74 100
 45 87.6 45.4 136.2

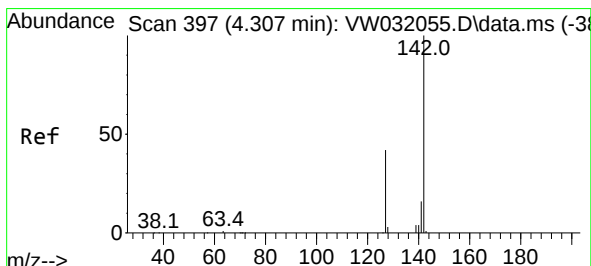
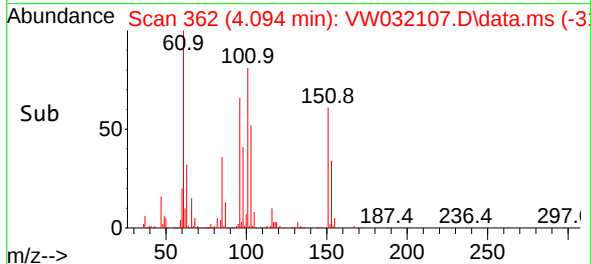
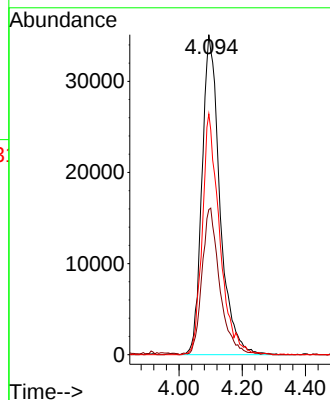
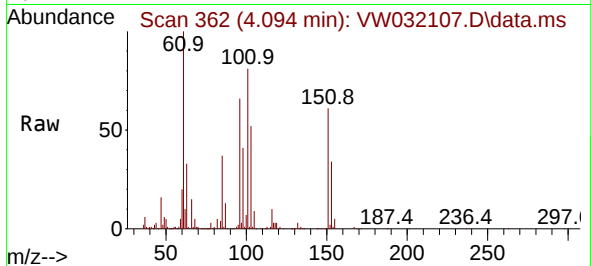




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.865 ug/l
RT: 4.094 min Scan# 362
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

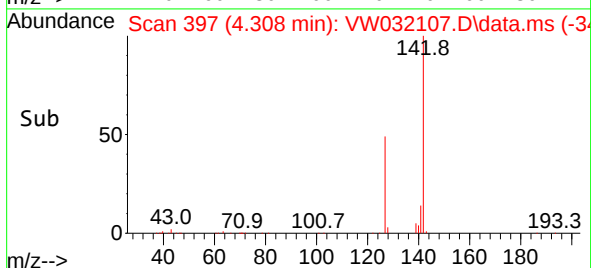
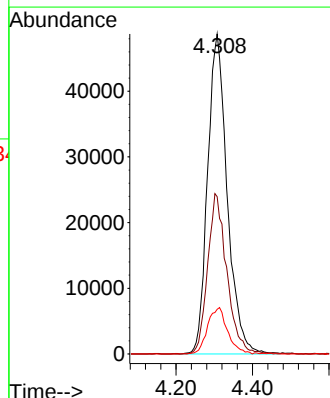
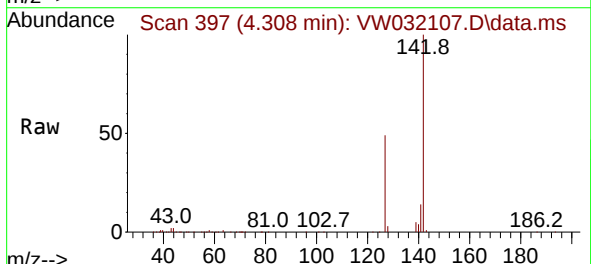
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

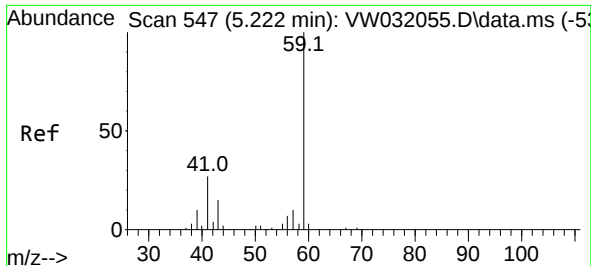
Tgt Ion:101 Resp: 138537
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 72.9 56.2 84.4



#10
Methyl Iodide
Concen: 48.466 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:142 Resp: 173519
Ion Ratio Lower Upper
142 100
127 49.0 36.6 55.0
141 14.8 12.1 18.1

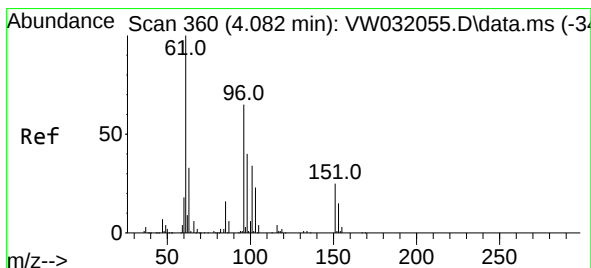
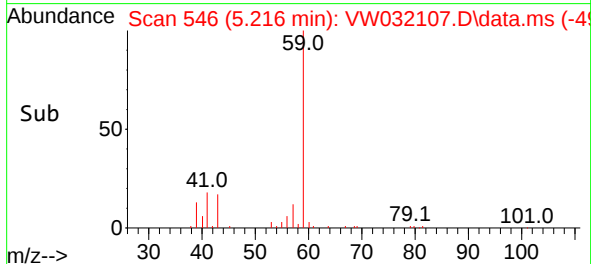
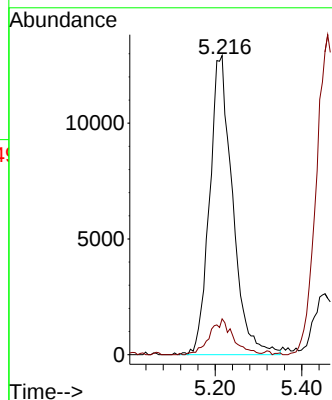
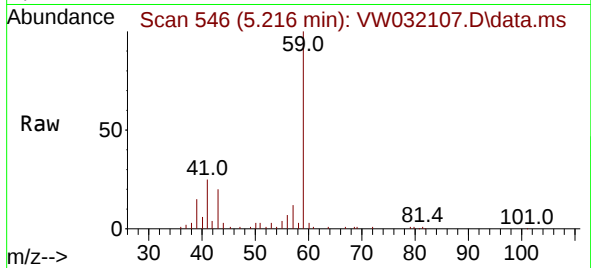




#11
Tert butyl alcohol
Concen: 222.440 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

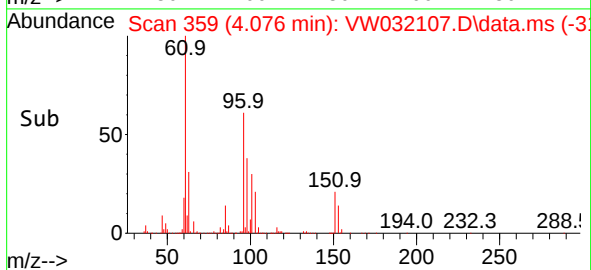
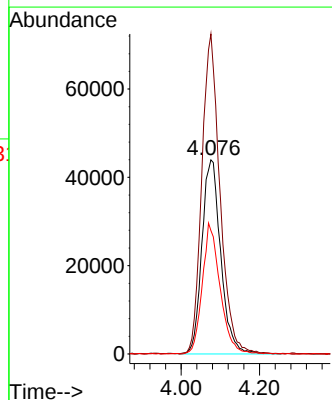
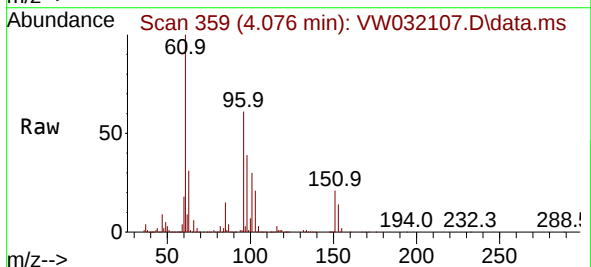
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

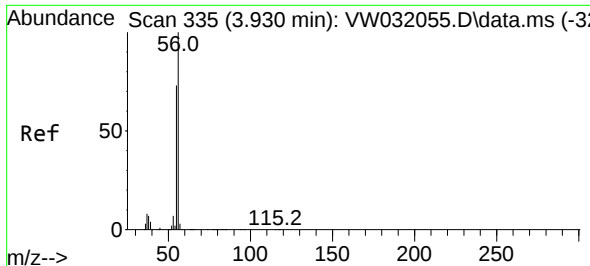
Tgt Ion: 59 Resp: 47760
Ion Ratio Lower Upper
59 100
57 12.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 52.763 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 96 Resp: 146702
Ion Ratio Lower Upper
96 100
61 164.6 123.4 185.2
98 63.5 49.5 74.3

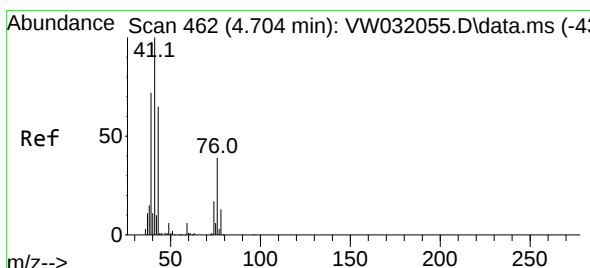
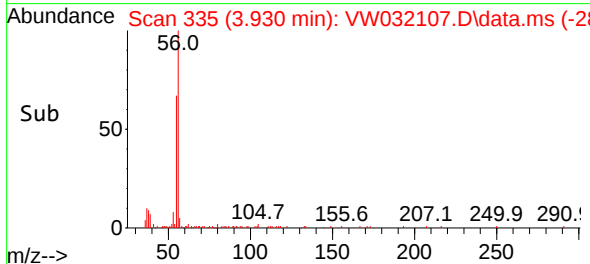
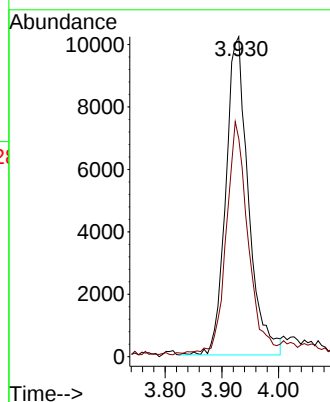
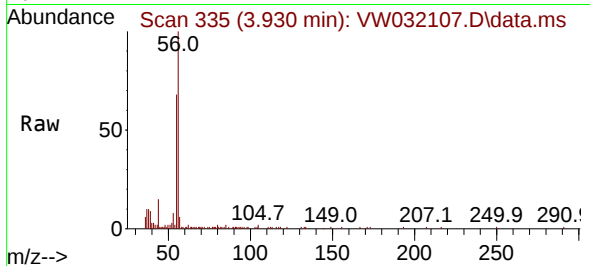




#13
Acrolein
Concen: 82.547 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

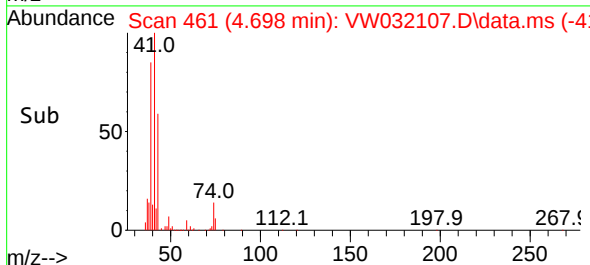
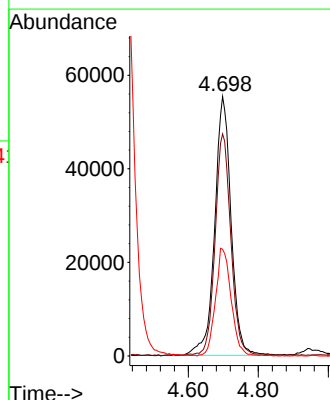
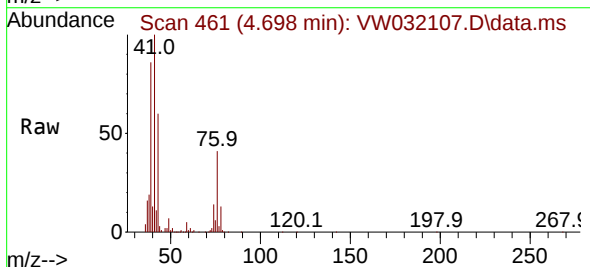
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

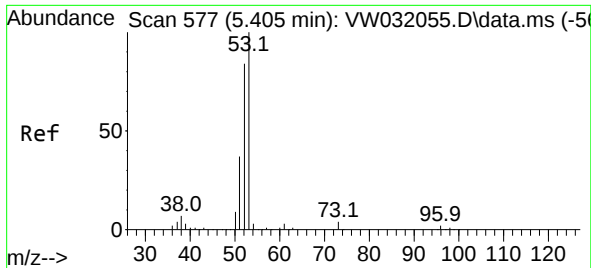
Tgt Ion: 56 Resp: 28240
Ion Ratio Lower Upper
56 100
55 71.1 55.4 83.2



#14
Allyl chloride
Concen: 44.575 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 41 Resp: 180376
Ion Ratio Lower Upper
41 100
39 81.8 54.5 81.7#
76 39.7 29.3 43.9

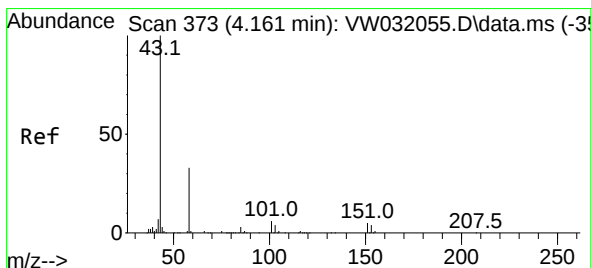
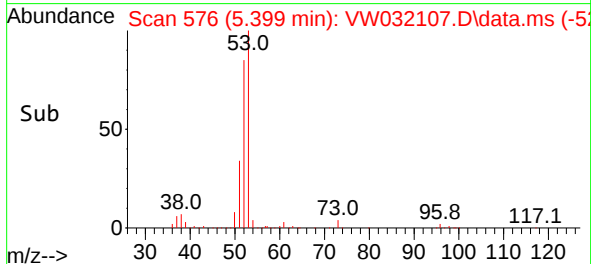
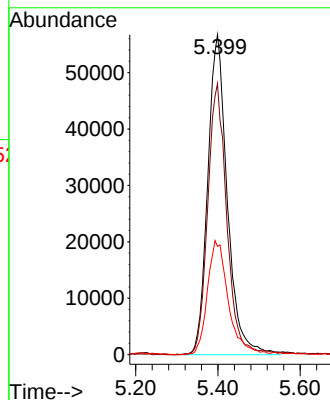
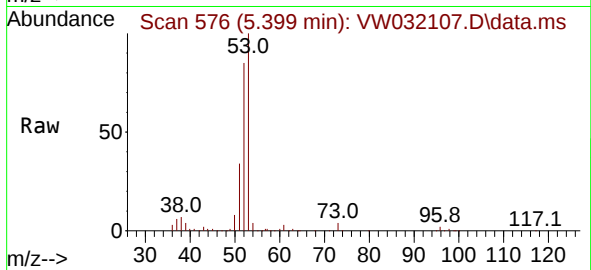




#15
Acrylonitrile
Concen: 224.373 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

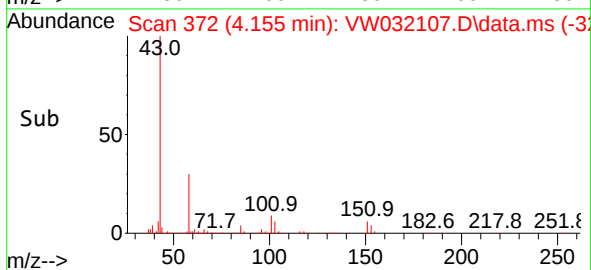
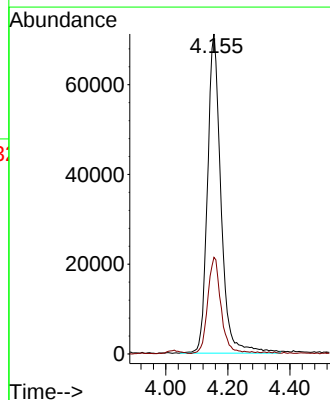
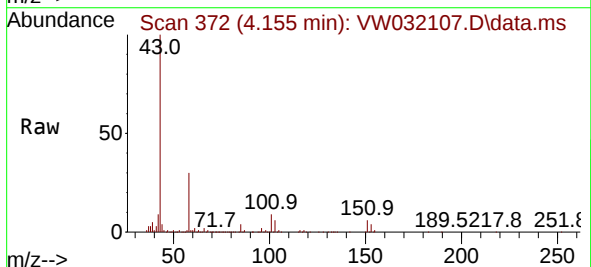
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

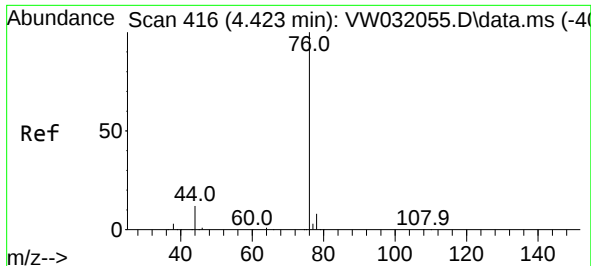
Tgt Ion: 53 Resp: 187399
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 38.1 29.2 43.8



#16
Acetone
Concen: 280.521 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 43 Resp: 215353
Ion Ratio Lower Upper
43 100
58 30.0 26.6 39.8

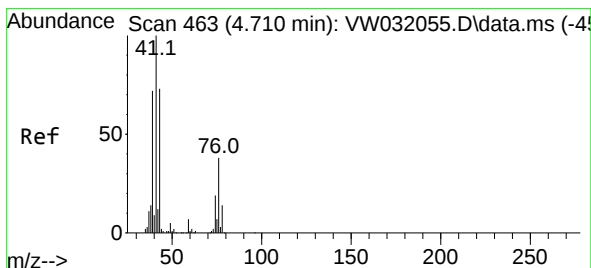
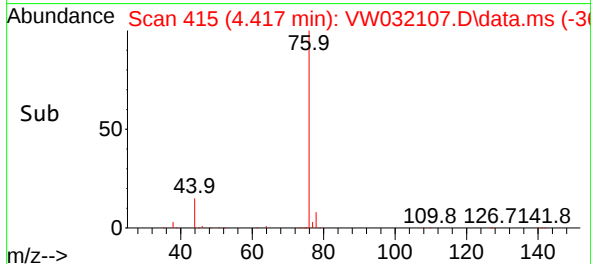
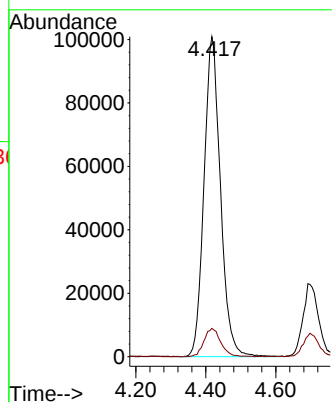
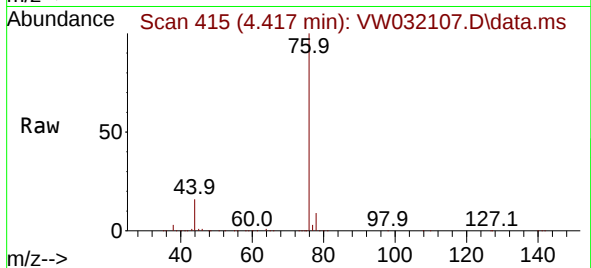




#17
Carbon Disulfide
Concen: 44.096 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

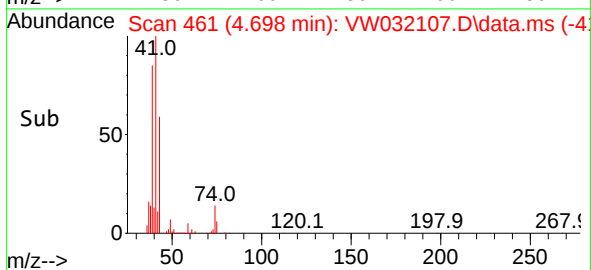
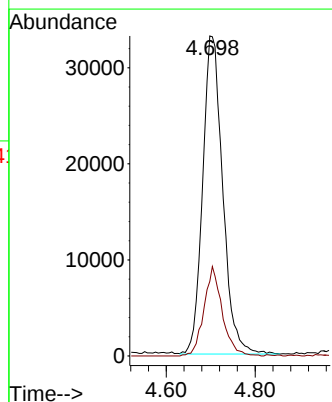
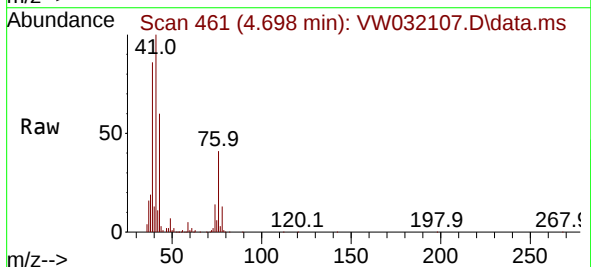
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

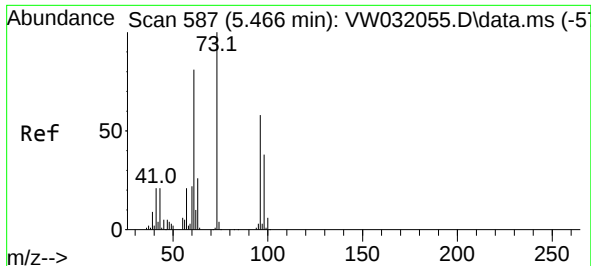
Tgt Ion: 76 Resp: 329086
Ion Ratio Lower Upper
76 100
78 8.9 6.4 9.6



#18
Methyl Acetate
Concen: 42.773 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 43 Resp: 103907
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 47.078 ug/l

RT: 5.460 min Scan# 503

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

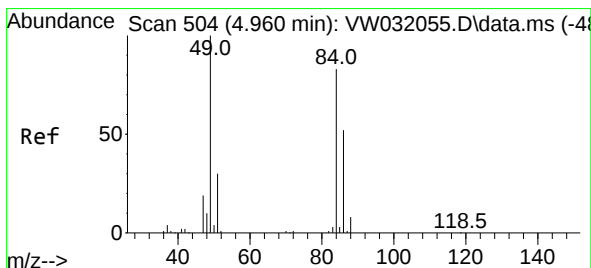
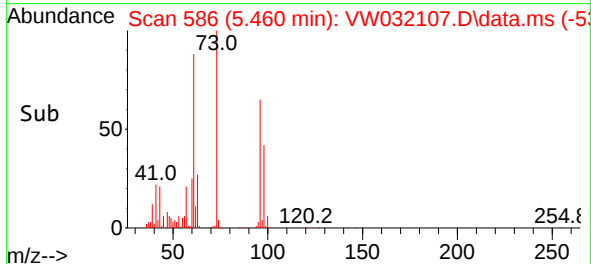
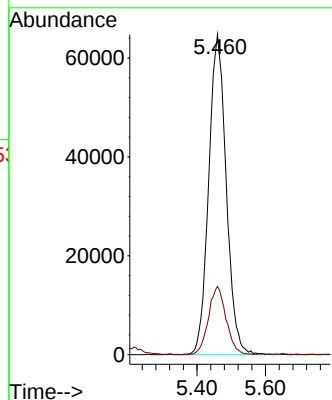
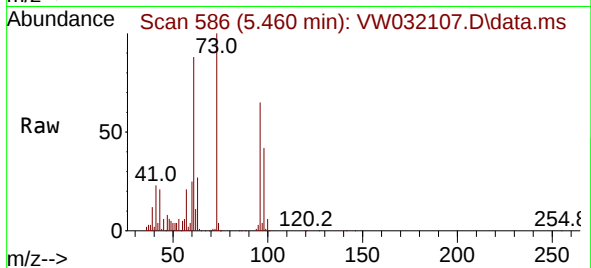
VSTDCCC050

Tgt Ion: 73 Resp: 230631

Ion Ratio Lower Upper

73 100

57 21.2 17.2 25.8



#20

Methylene Chloride

Concen: 42.619 ug/l

RT: 4.954 min Scan# 503

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Tgt Ion: 84 Resp: 151276

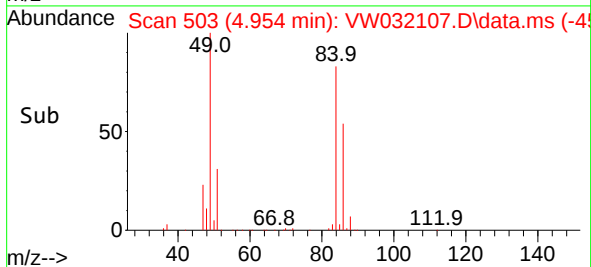
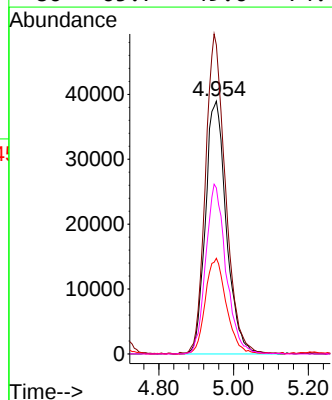
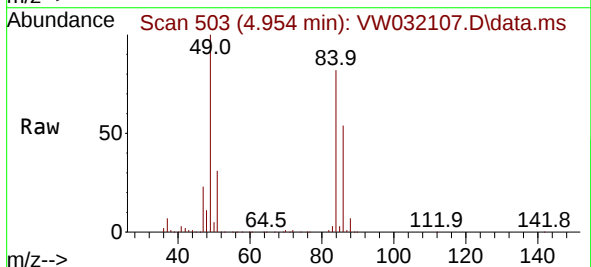
Ion Ratio Lower Upper

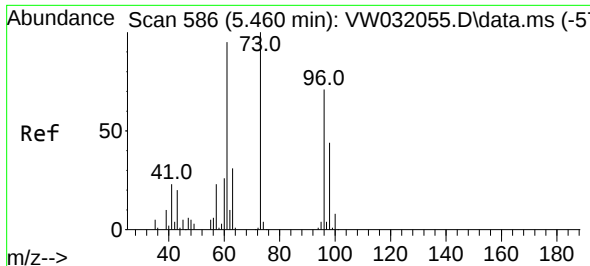
84 100

49 121.8 95.9 143.9

51 37.8 28.6 43.0

86 65.7 49.6 74.4

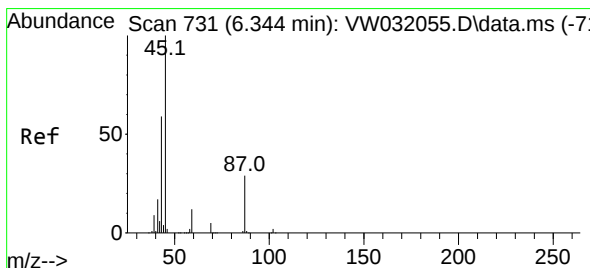
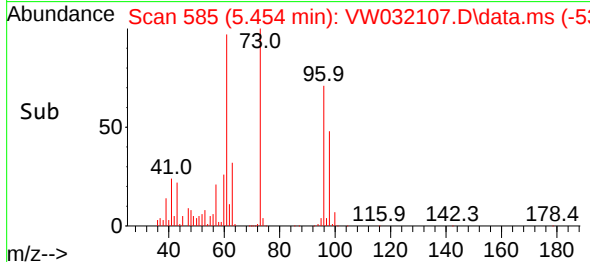
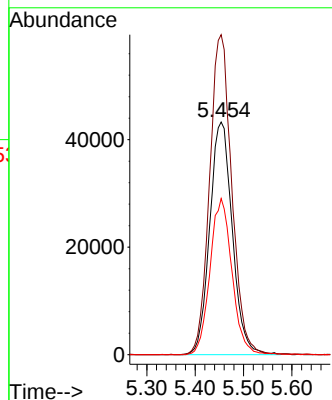
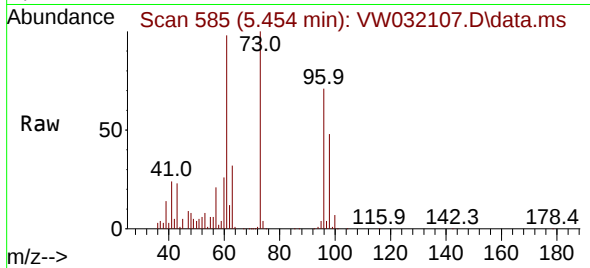




#21
trans-1,2-Dichloroethene
Concen: 47.559 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

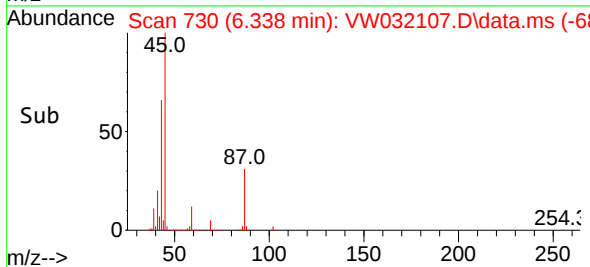
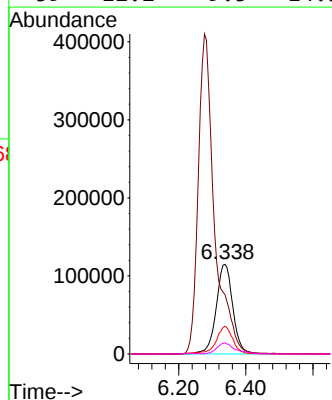
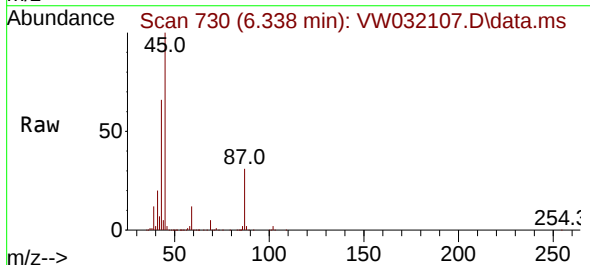
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

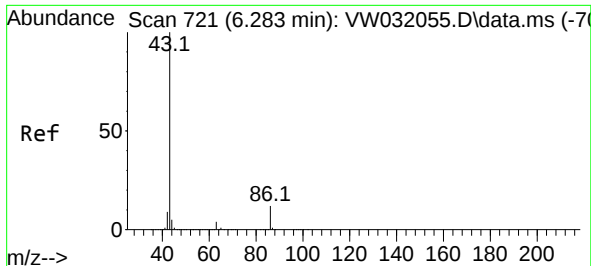
Tgt Ion: 96 Resp: 140330
Ion Ratio Lower Upper
96 100
61 137.6 106.8 160.2
98 67.1 49.6 74.4



#22
Diisopropyl ether
Concen: 46.165 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 45 Resp: 393820
Ion Ratio Lower Upper
45 100
43 65.9 47.0 70.4
87 30.7 23.8 35.8
59 12.2 9.5 14.3

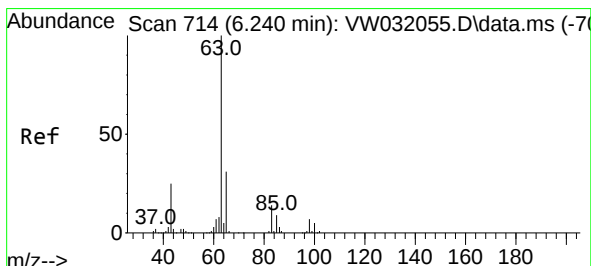
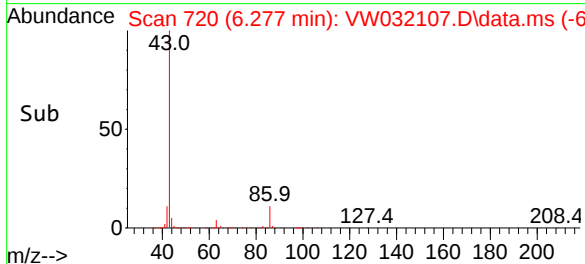
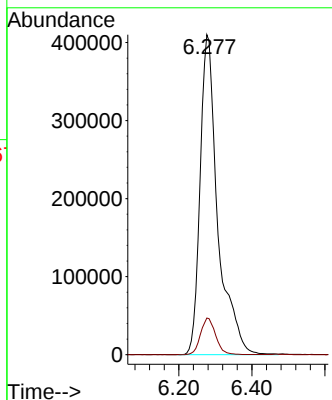
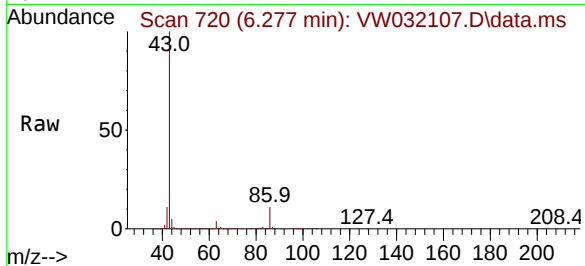




#23
 Vinyl Acetate
 Concen: 245.711 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

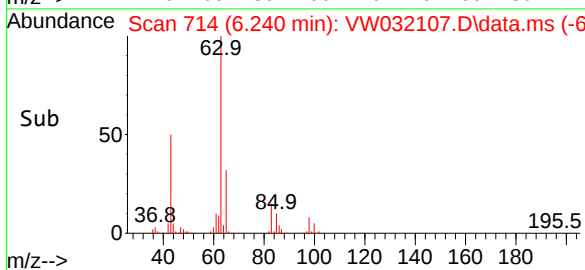
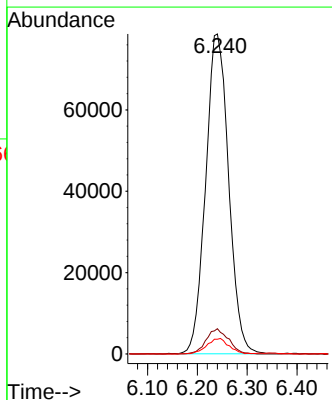
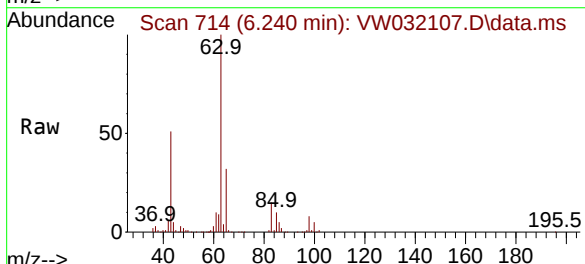
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

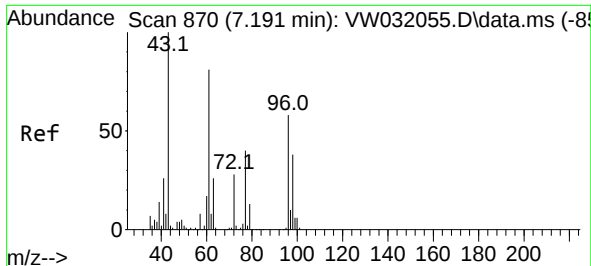
Tgt Ion: 43 Resp: 1376206
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 46.152 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion: 63 Resp: 251551
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.6 2.5 7.4

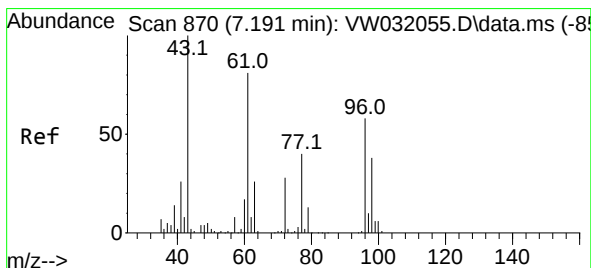
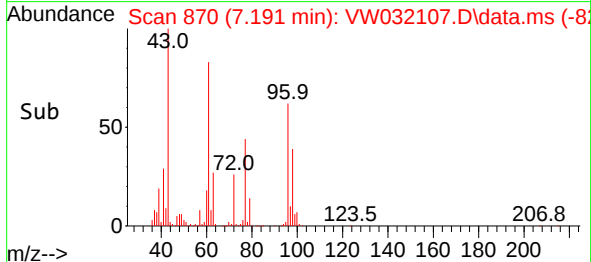
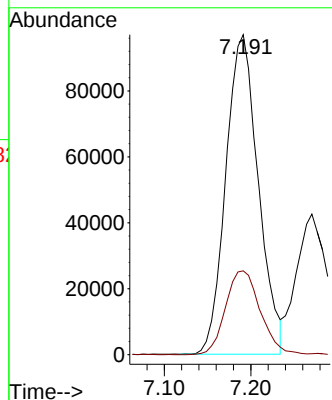
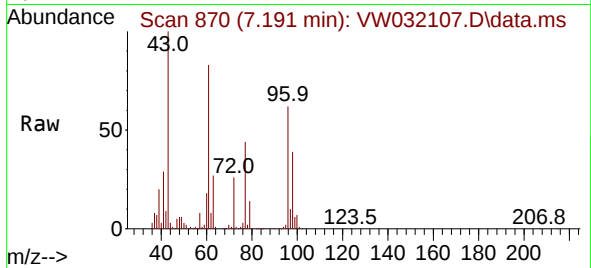




#25
2-Butanone
Concen: 231.522 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

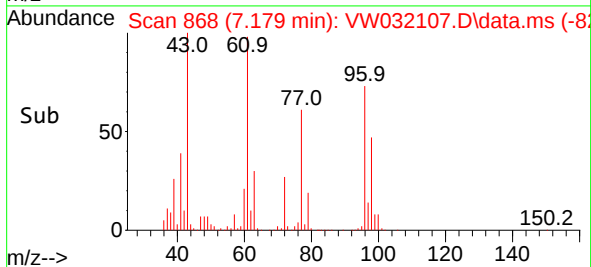
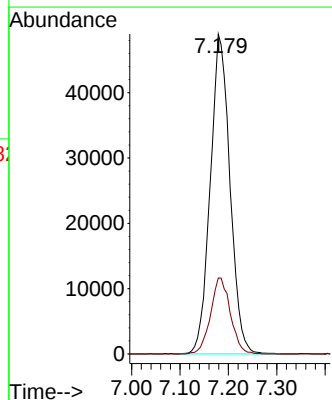
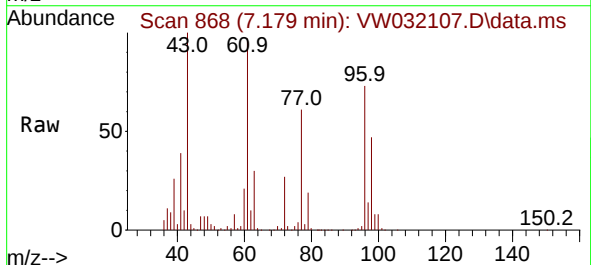
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

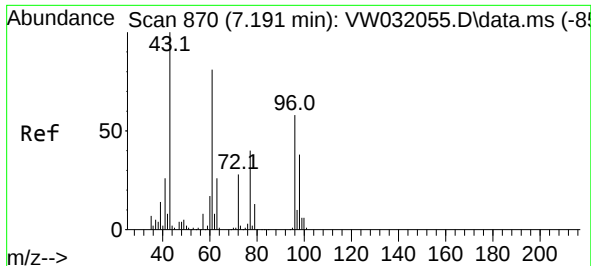
Tgt Ion: 43 Resp: 252610
Ion Ratio Lower Upper
43 100
72 26.2 22.3 33.5



#26
2,2-Dichloropropane
Concen: 50.603 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 77 Resp: 138368
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.9

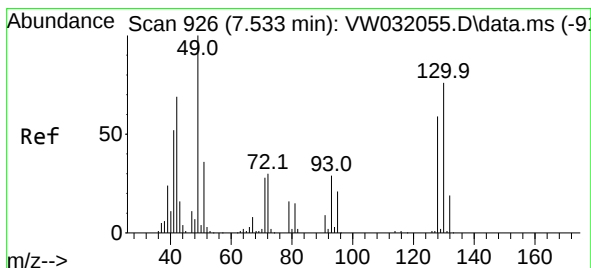
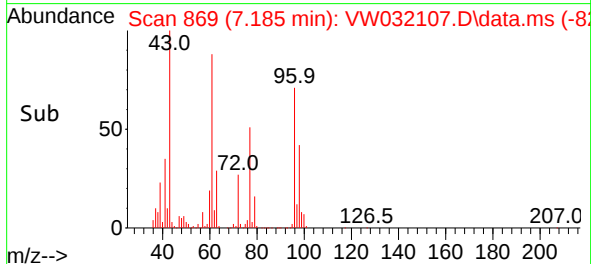
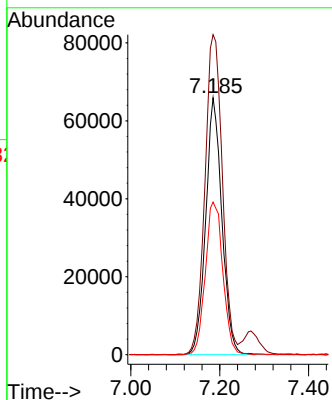
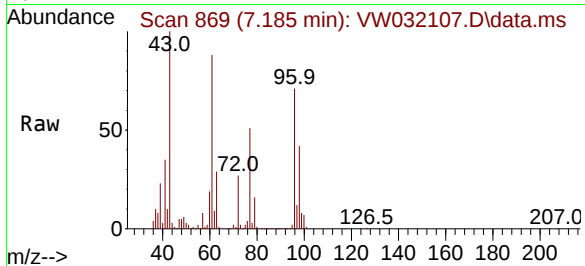




#27
 cis-1,2-Dichloroethene
 Concen: 48.478 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

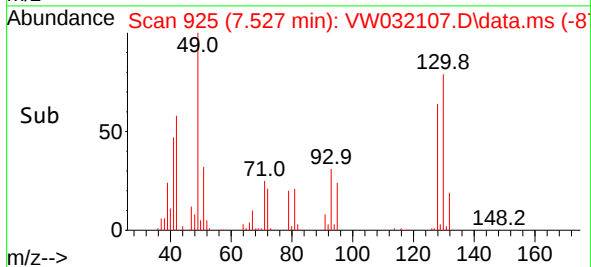
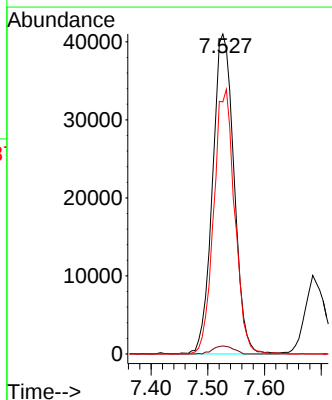
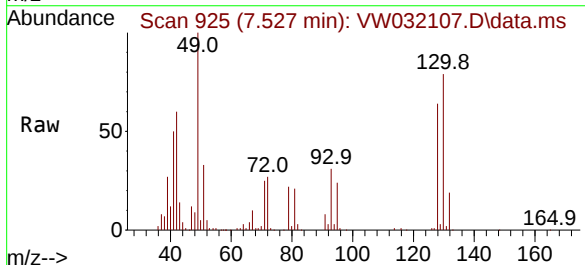
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

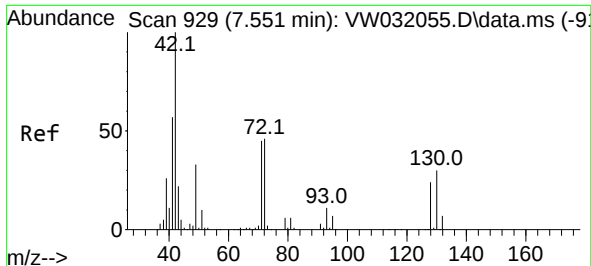
Tgt Ion: 96 Resp: 167202
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 281.2
 98 64.3 0.0 130.8



#28
 Bromochloromethane
 Concen: 43.473 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion: 49 Resp: 107827
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 80.4 61.9 92.9

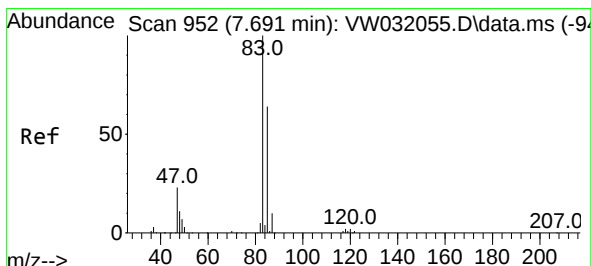
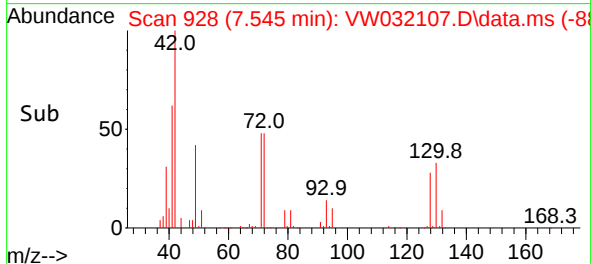
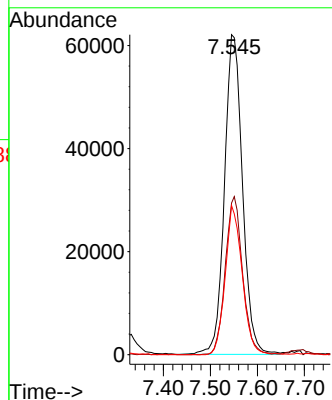
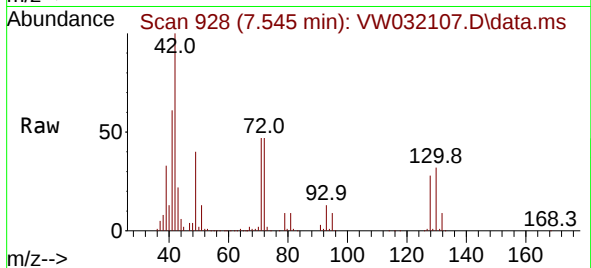




#29
Tetrahydrofuran
Concen: 230.658 ug/l
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

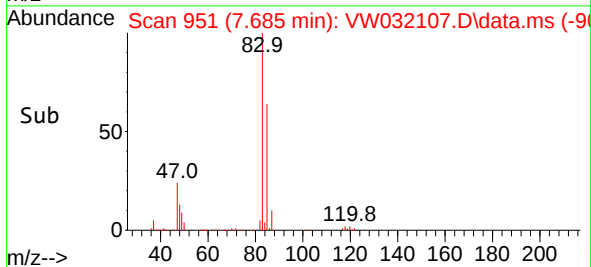
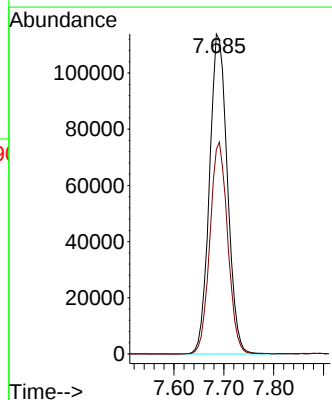
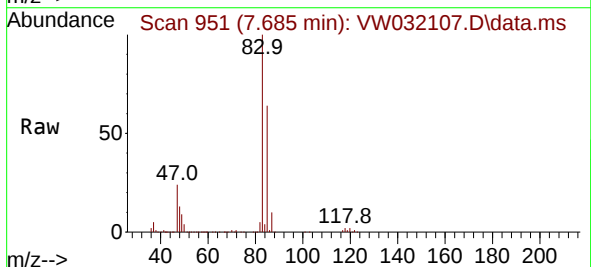
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

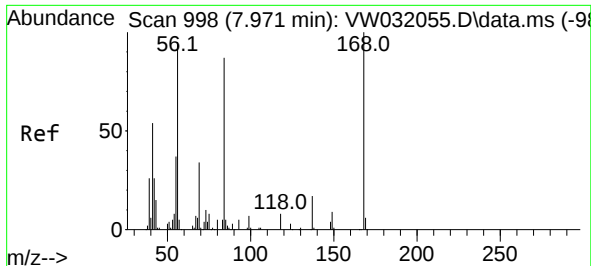
Tgt Ion: 42 Resp: 165971
Ion Ratio Lower Upper
42 100
72 47.5 36.6 55.0
71 43.8 34.7 52.1



#30
Chloroform
Concen: 49.220 ug/l
RT: 7.685 min Scan# 951
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 83 Resp: 284406
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4

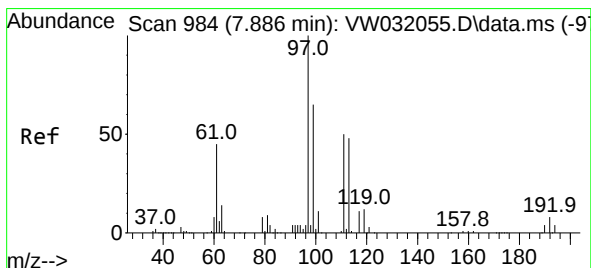
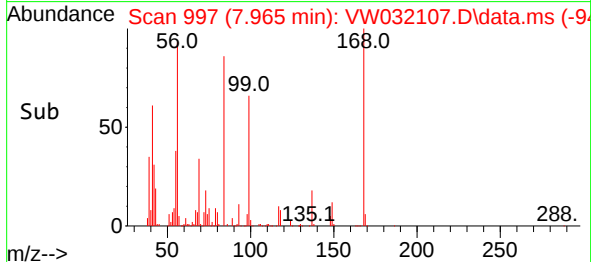
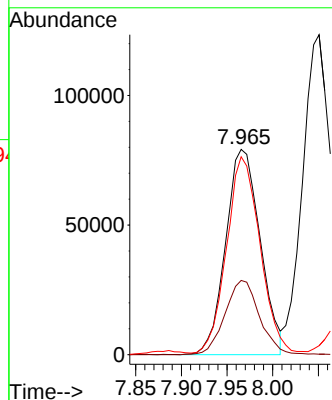
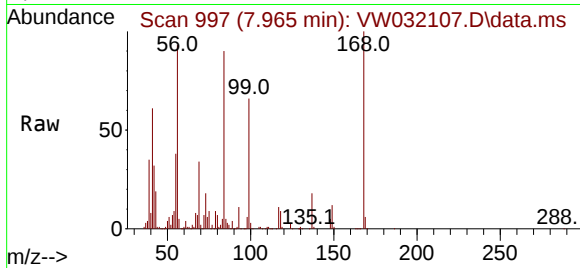




#31
Cyclohexane
Concen: 44.080 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

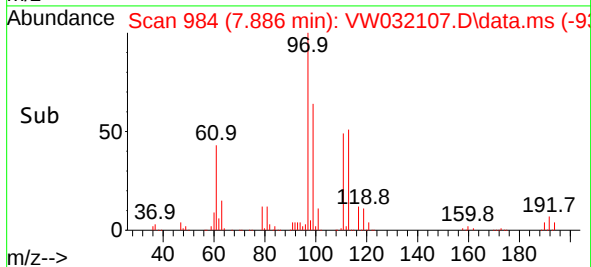
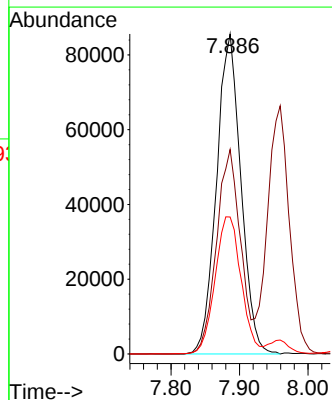
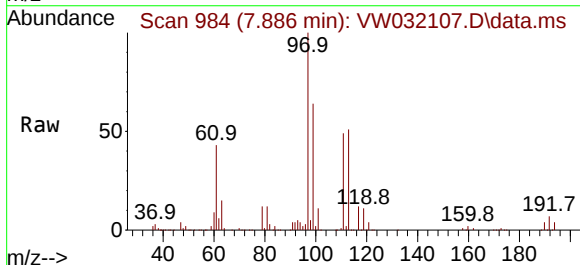
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

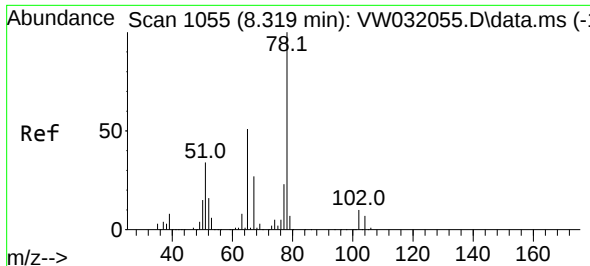
Tgt Ion: 56 Resp: 208290
Ion Ratio Lower Upper
56 100
69 36.2 28.6 42.8
84 95.0 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 50.388 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 97 Resp: 211487
Ion Ratio Lower Upper
97 100
99 62.1 51.8 77.8
61 46.0 35.9 53.9

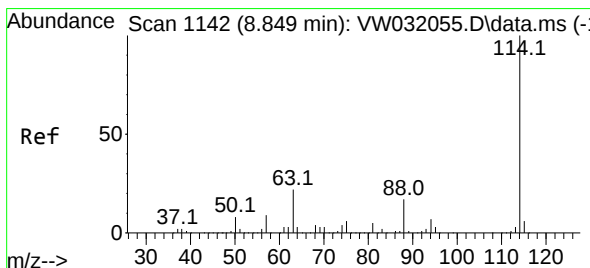
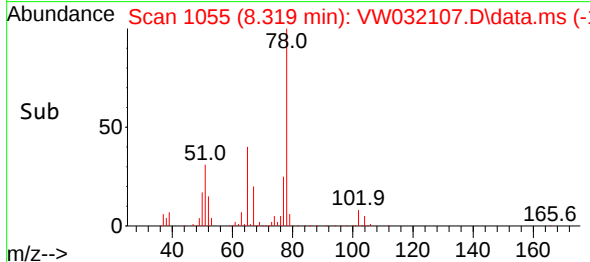
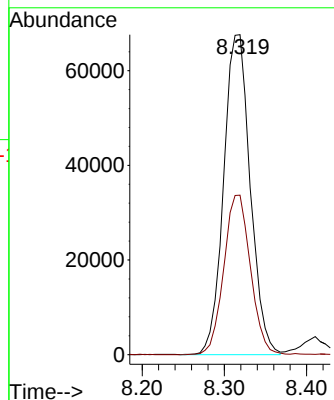
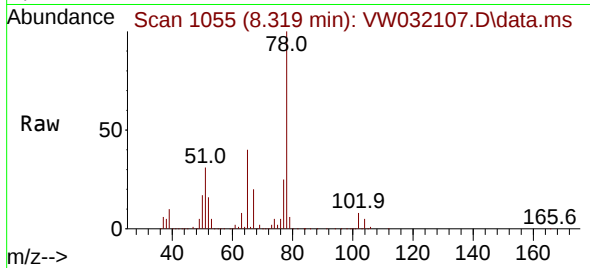




#33
 1,2-Dichloroethane-d4
 Concen: 45.861 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

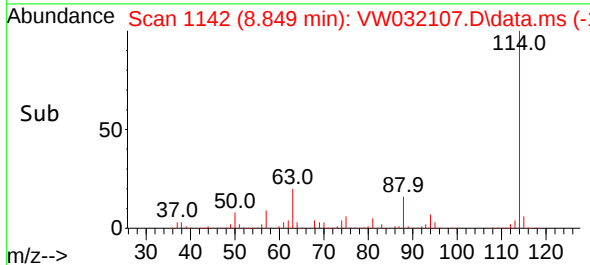
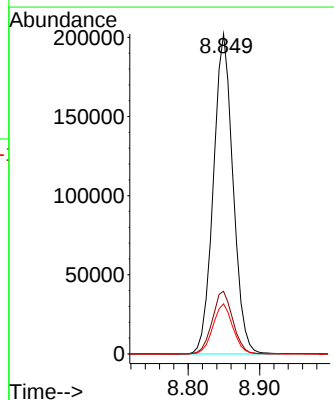
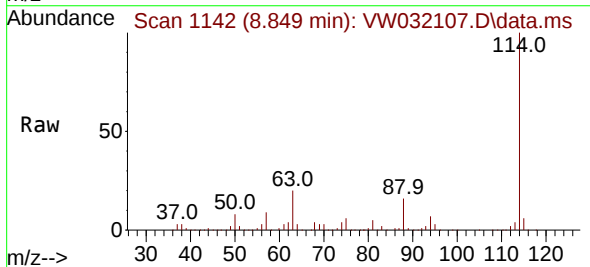
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

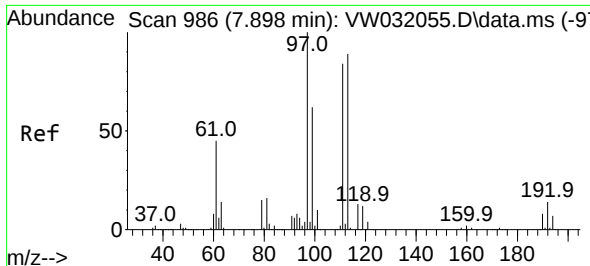
Tgt Ion: 65 Resp: 152066
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion: 114 Resp: 385827
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.0
 88 15.6 0.0 33.8

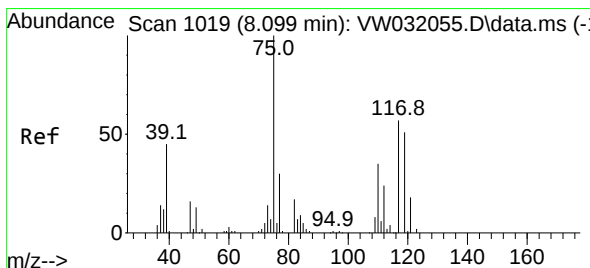
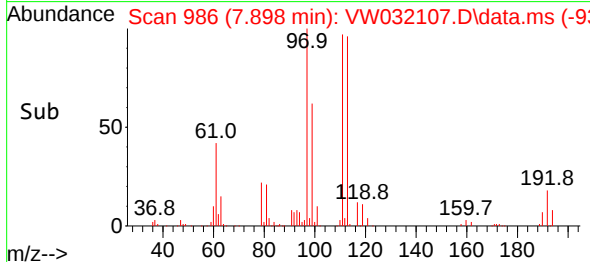
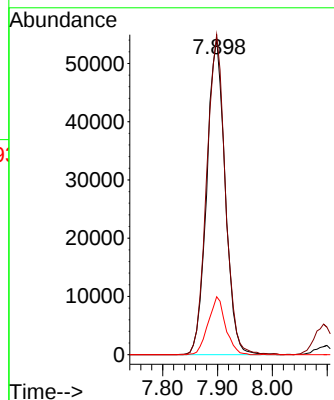
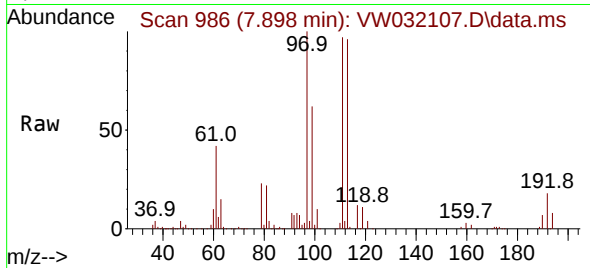




#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 7.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

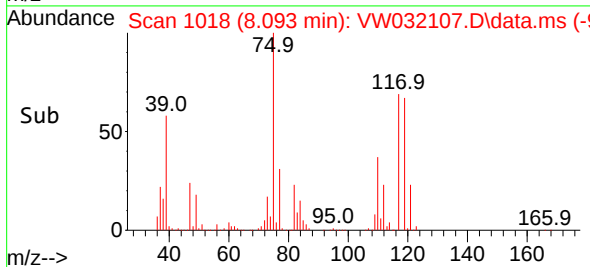
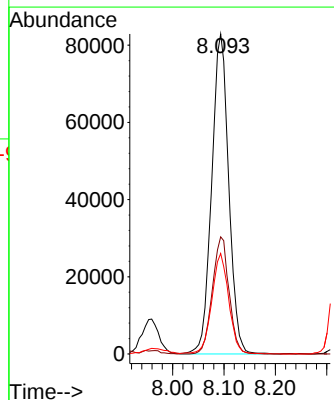
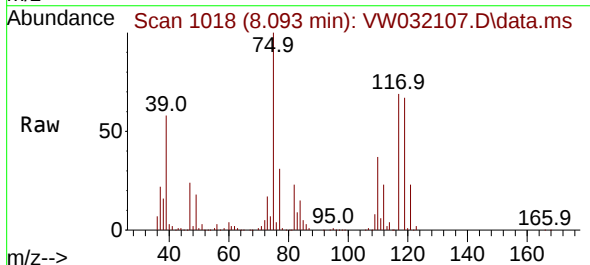
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

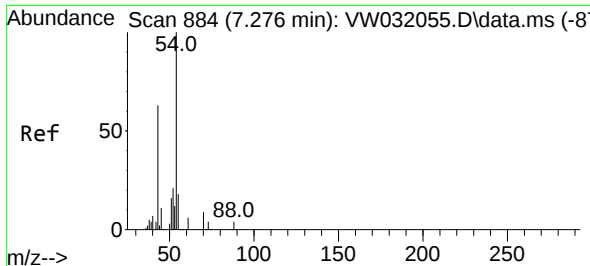
Tgt Ion:113 Resp: 125841
Ion Ratio Lower Upper
113 100
111 102.7 80.1 120.1
192 17.3 13.1 19.7



#36
1,1-Dichloropropene
Concen: 54.296 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 75 Resp: 190790
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.2
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 53.670 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

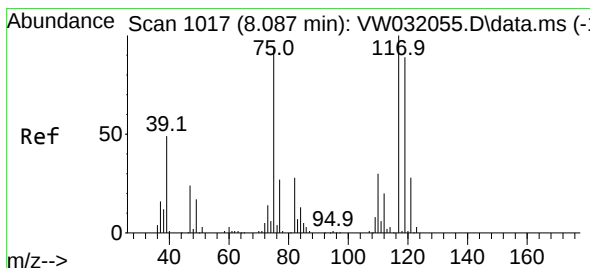
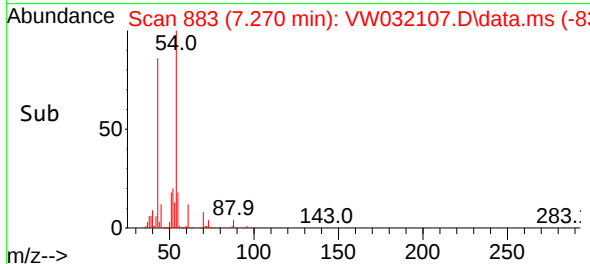
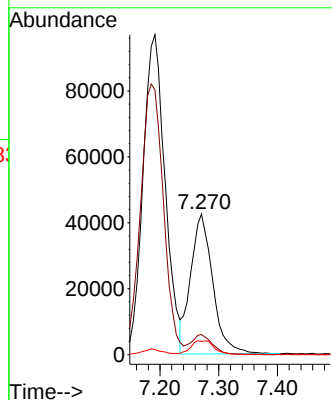
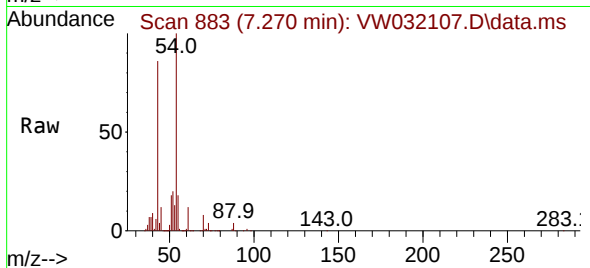
Tgt Ion: 43 Resp: 111072

Ion Ratio Lower Upper

43 100

61 13.4 11.8 17.6

70 10.6 9.4 14.0



#38

Carbon Tetrachloride

Concen: 60.331 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

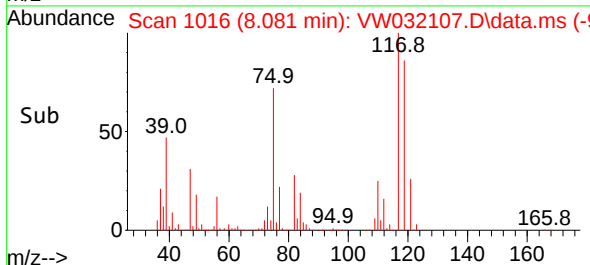
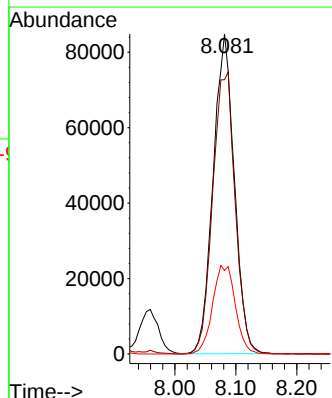
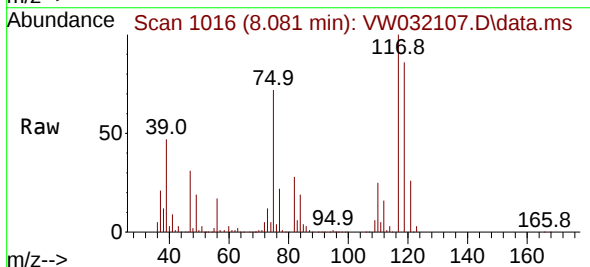
Tgt Ion: 117 Resp: 204584

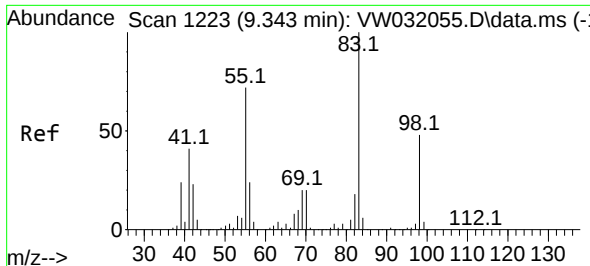
Ion Ratio Lower Upper

117 100

119 85.8 71.4 107.2

121 26.1 22.3 33.5

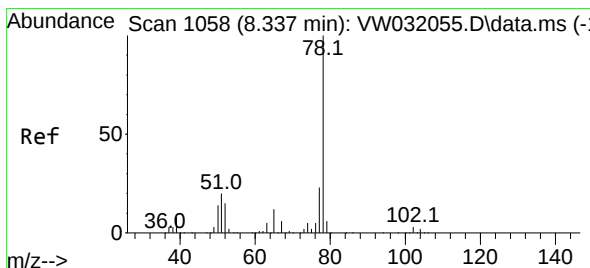
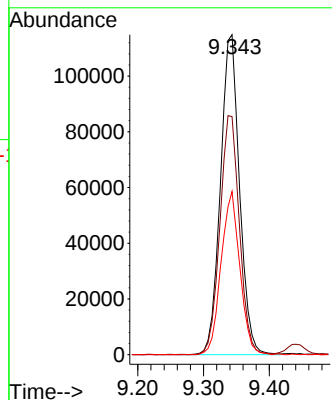
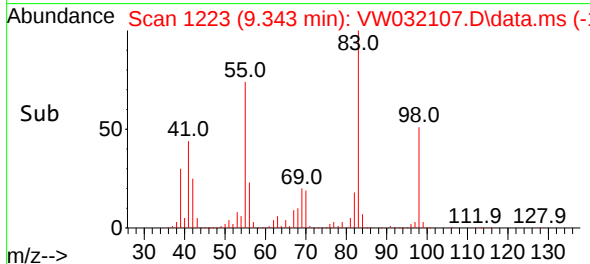
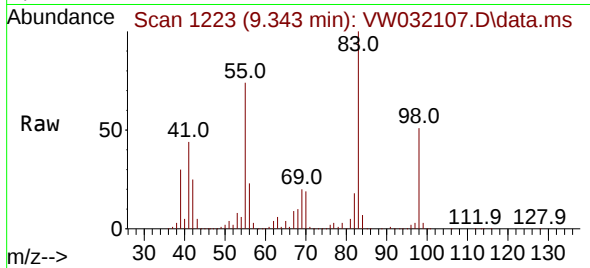




#39
Methylcyclohexane
Concen: 54.191 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

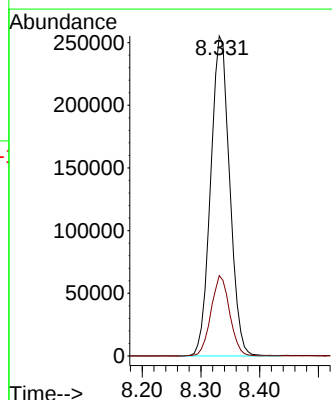
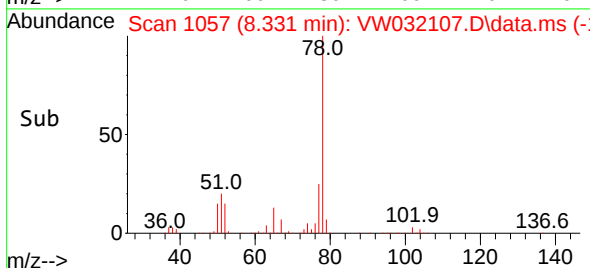
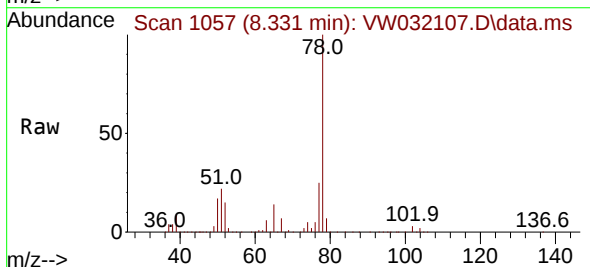
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

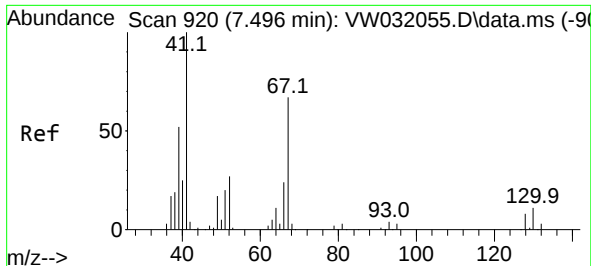
Tgt Ion: 83 Resp: 232096
Ion Ratio Lower Upper
83 100
55 74.3 57.9 86.9
98 51.0 38.3 57.5



#40
Benzene
Concen: 52.545 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 78 Resp: 573925
Ion Ratio Lower Upper
78 100
77 25.1 18.4 27.6

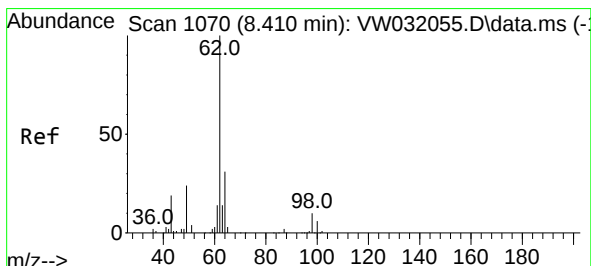
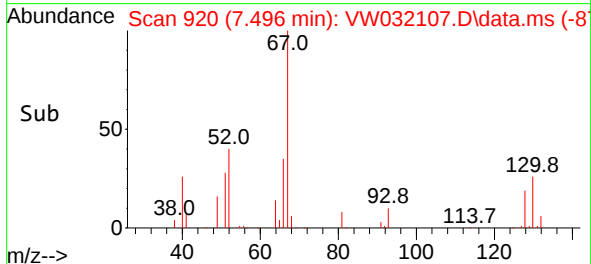
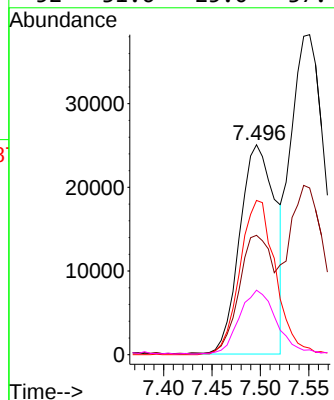
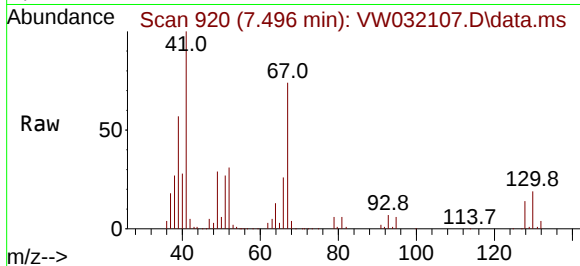




#41
Methacrylonitrile
Concen: 54.938 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

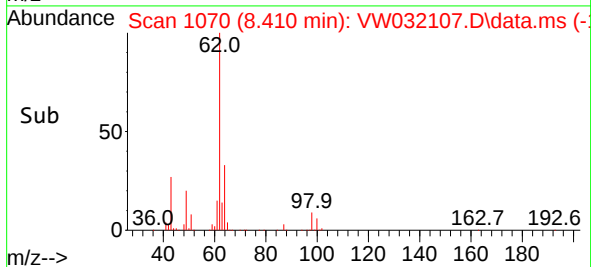
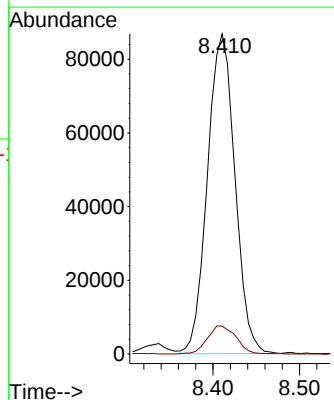
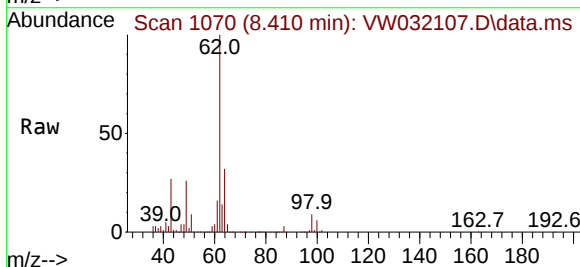
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

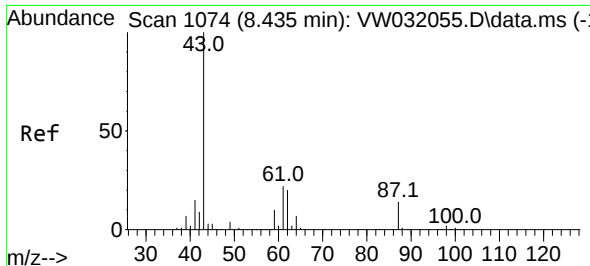
Tgt Ion:	41	Resp:	64477
Ion	Ratio	Lower	Upper
41	100		
39	51.4	42.6	63.8
67	74.0	61.0	91.4
52	31.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 54.779 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:	62	Resp:	191460
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

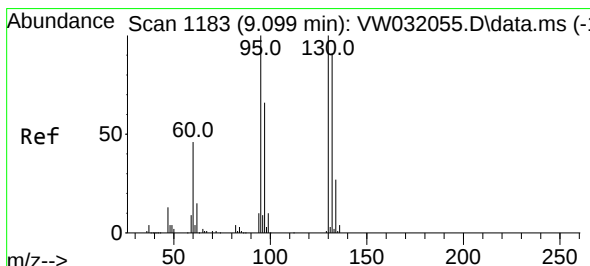
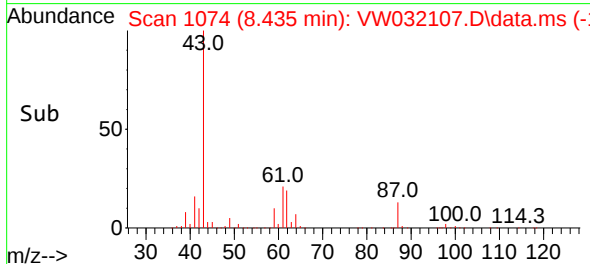
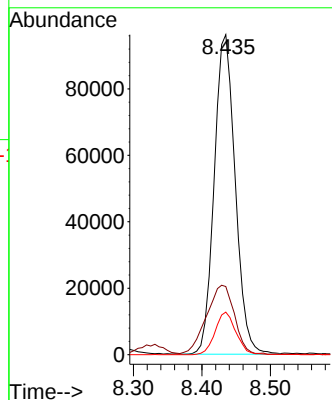
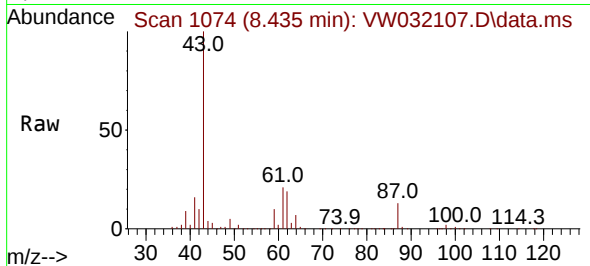




#43
Isopropyl Acetate
Concen: 53.753 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

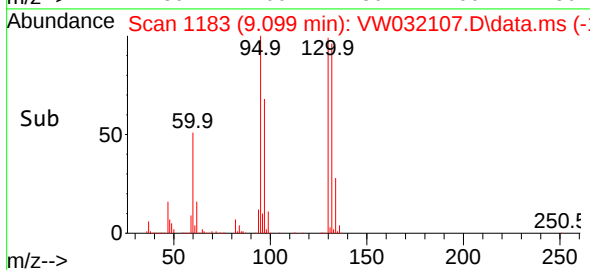
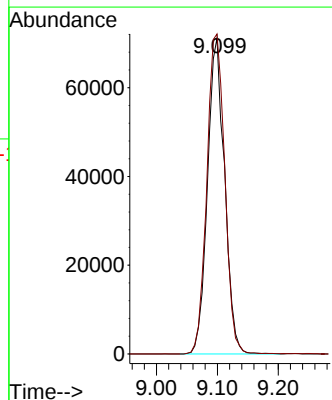
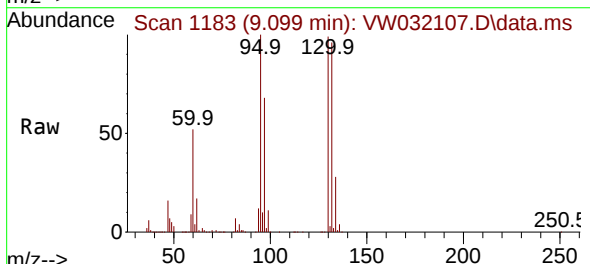
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

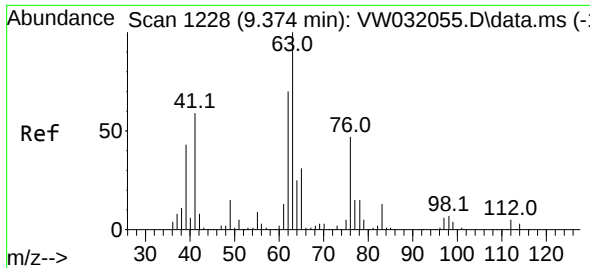
Tgt Ion: 43 Resp: 204668
Ion Ratio Lower Upper
43 100
61 28.8 23.8 35.8
87 13.3 11.7 17.5



#44
Trichloroethene
Concen: 53.290 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:130 Resp: 138614
Ion Ratio Lower Upper
130 100
95 101.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 51.359 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

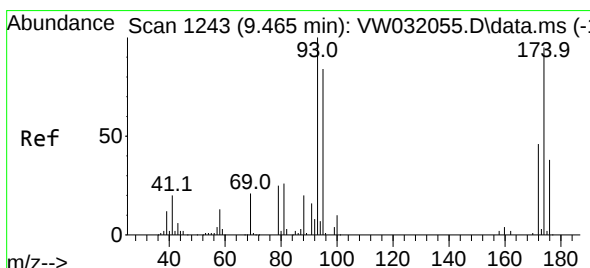
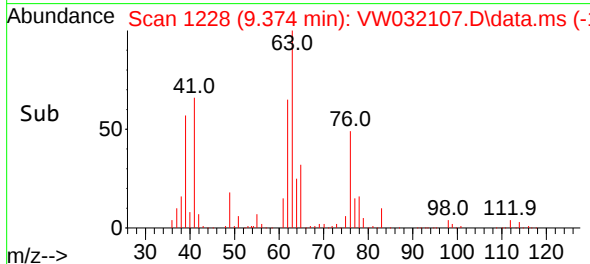
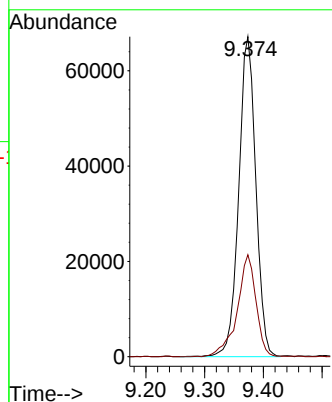
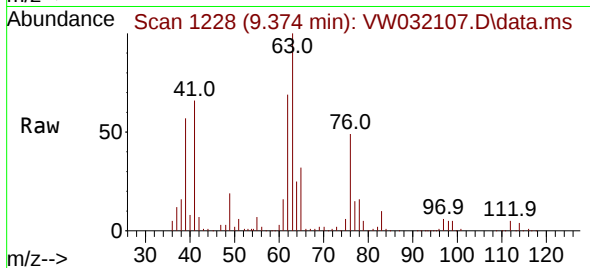
VSTDCCC050

Tgt Ion: 63 Resp: 135525

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#46

Dibromomethane

Concen: 53.899 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

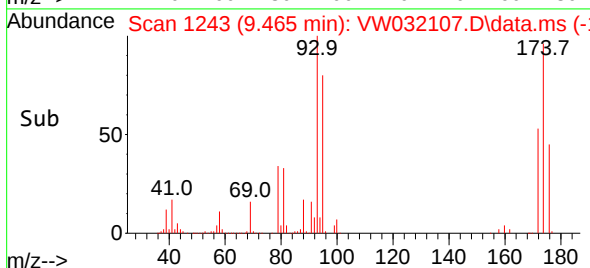
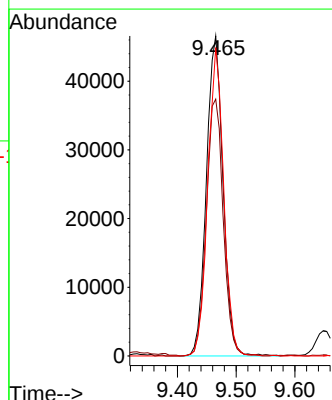
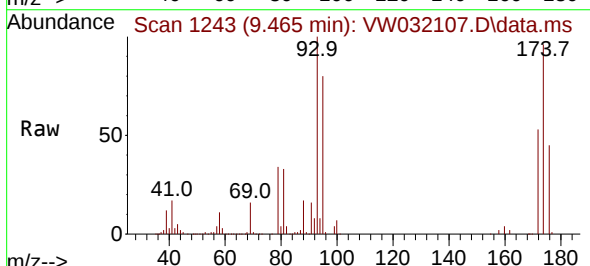
Tgt Ion: 93 Resp: 91794

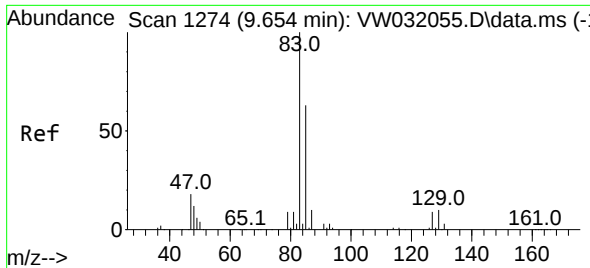
Ion Ratio Lower Upper

93 100

95 81.9 65.3 97.9

174 92.0 68.6 102.8

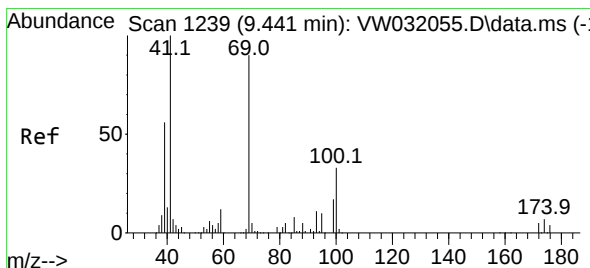
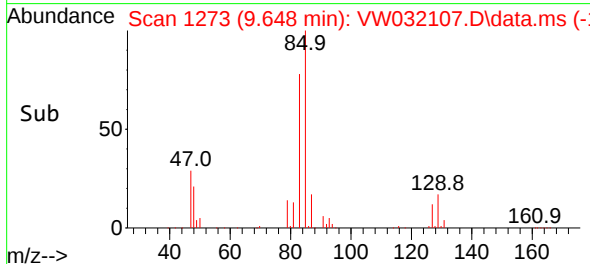
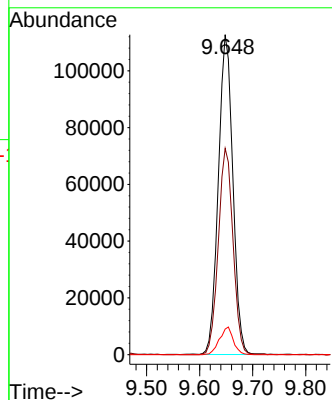
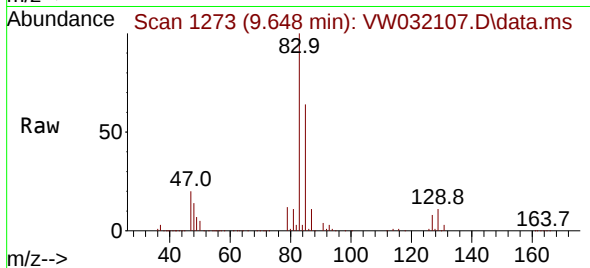




#47
Bromodichloromethane
Concen: 54.482 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

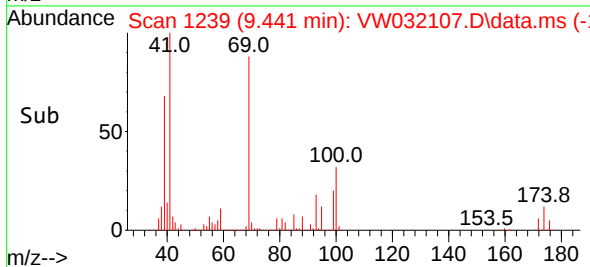
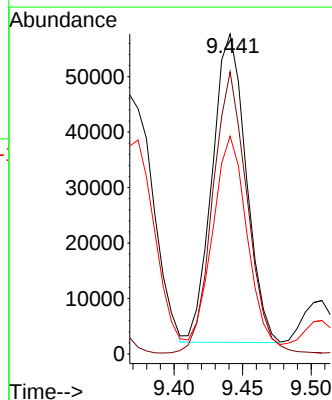
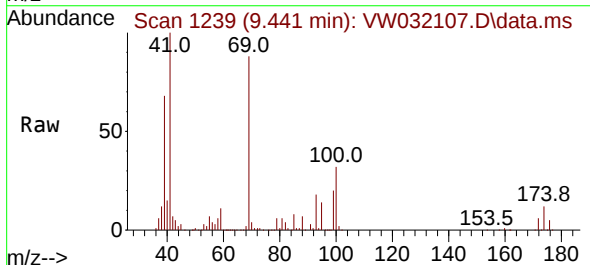
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

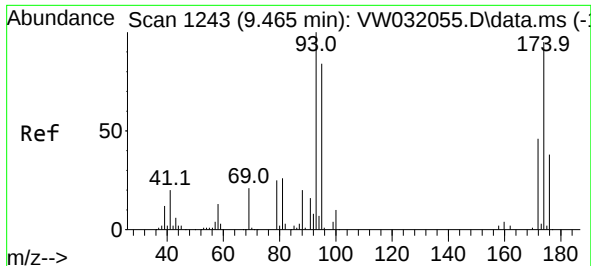
Tgt Ion: 83 Resp: 213806
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 52.043 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 41 Resp: 95664
Ion Ratio Lower Upper
41 100
69 92.9 73.0 109.6
39 66.9 45.0 67.4

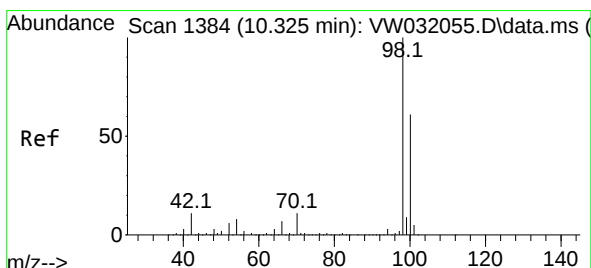
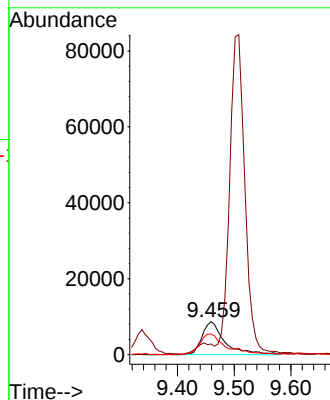
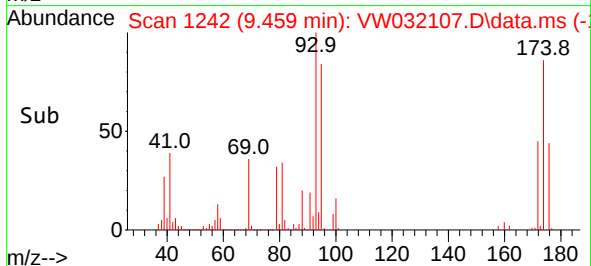
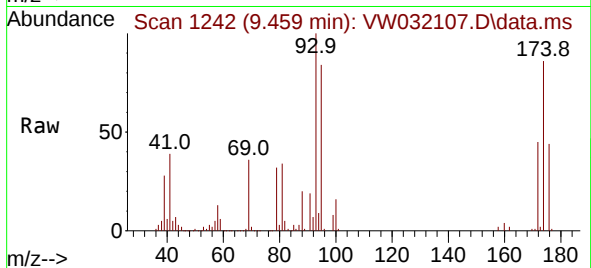




#49
 1,4-Dioxane
 Concen: 1102.542 ug/l
 RT: 9.459 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

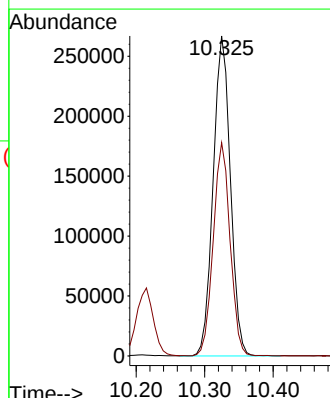
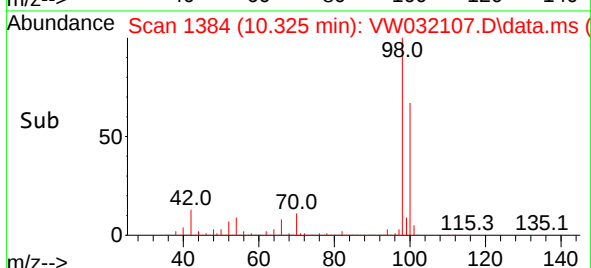
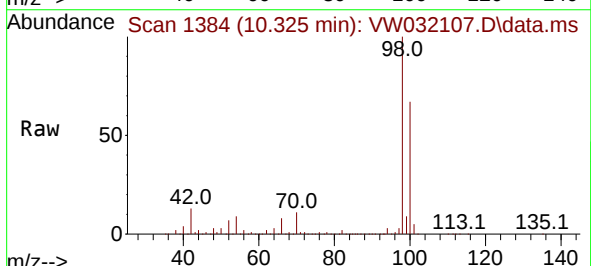
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

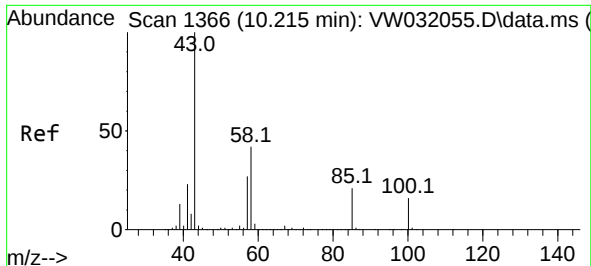
Tgt Ion: 88 Resp: 24278
 Ion Ratio Lower Upper
 88 100
 43 24.6 20.6 30.8
 58 73.6 60.4 90.6



#50
 Toluene-d8
 Concen: 50.634 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion: 98 Resp: 466809
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.1 76.7

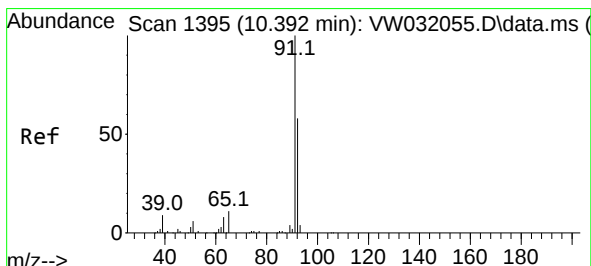
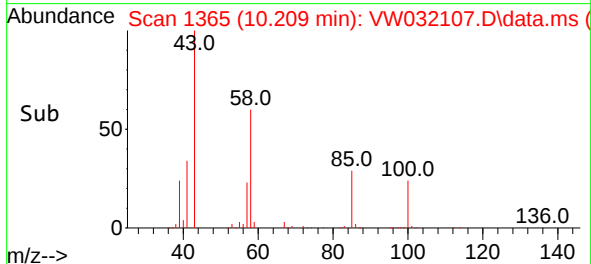
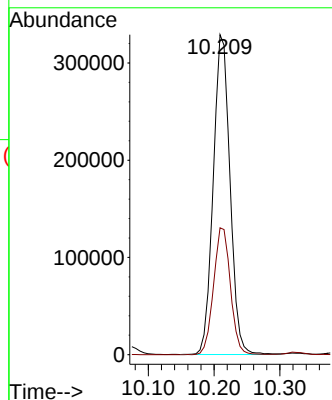
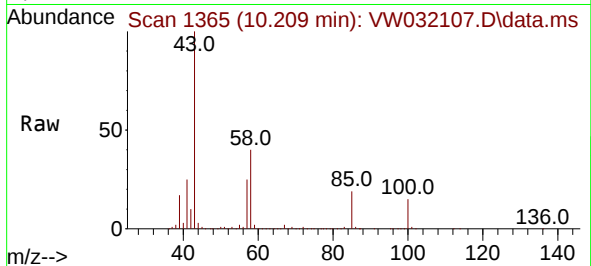




#51
4-Methyl-2-Pentanone
Concen: 271.556 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

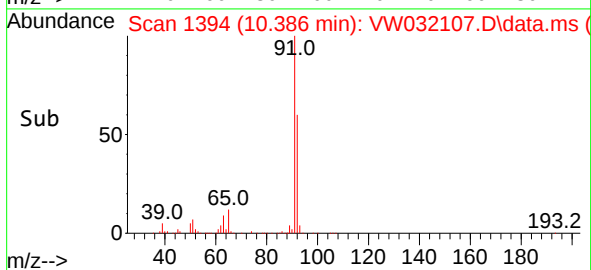
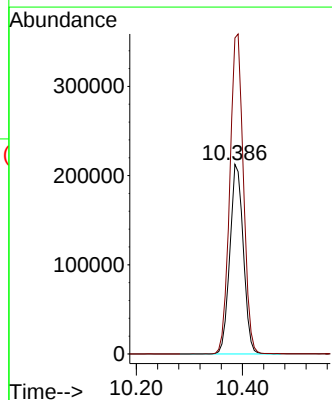
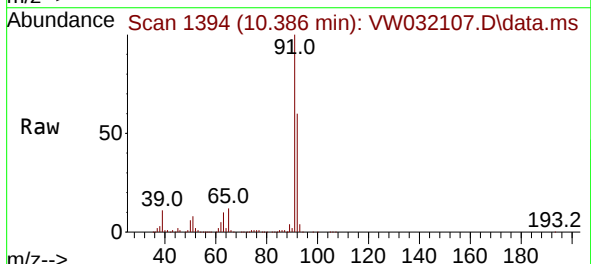
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

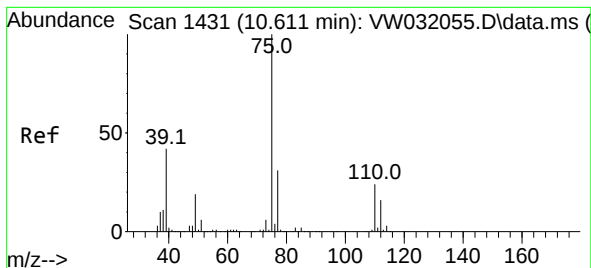
Tgt Ion: 43 Resp: 583607
Ion Ratio Lower Upper
43 100
58 40.0 33.1 49.7



#52
Toluene
Concen: 54.434 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 92 Resp: 374497
Ion Ratio Lower Upper
92 100
91 170.5 136.3 204.5

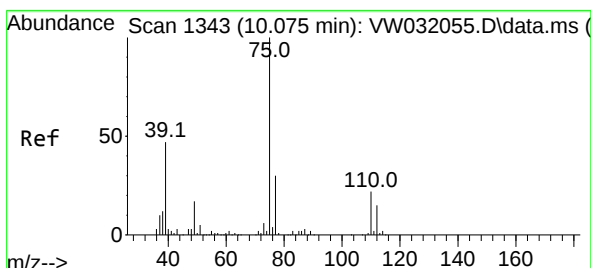
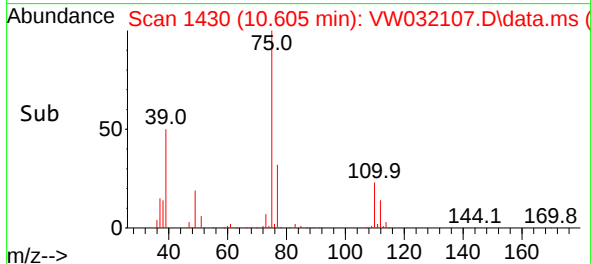
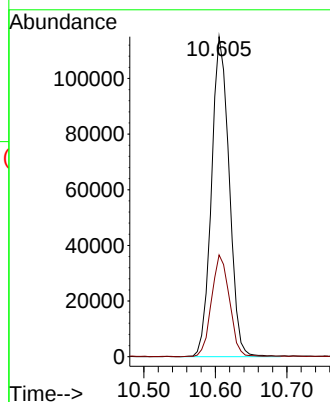
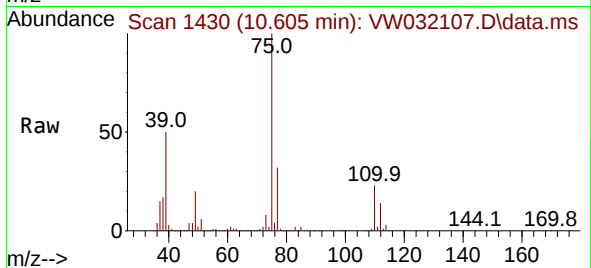




#53
t-1,3-Dichloropropene
Concen: 53.789 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

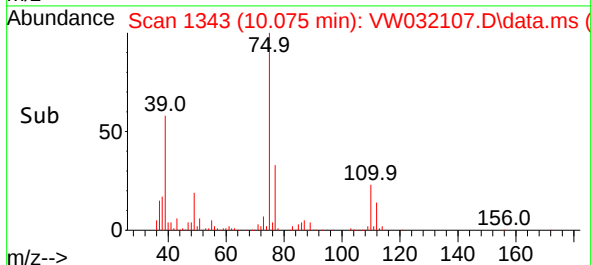
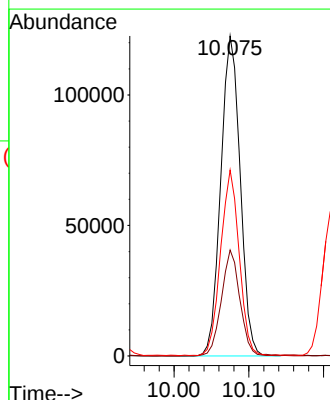
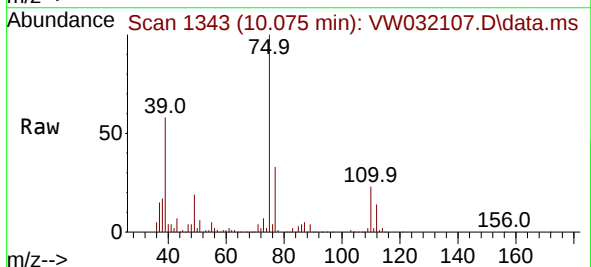
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

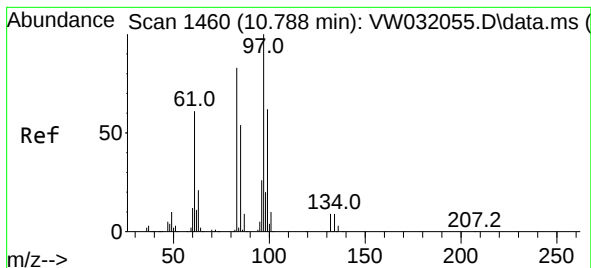
Tgt Ion: 75 Resp: 197759
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.160 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 75 Resp: 221731
Ion Ratio Lower Upper
75 100
77 33.1 24.0 36.0
39 58.0 37.8 56.8#

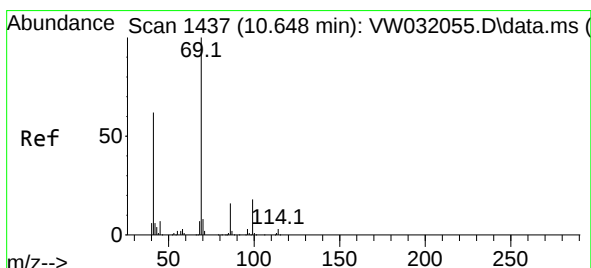
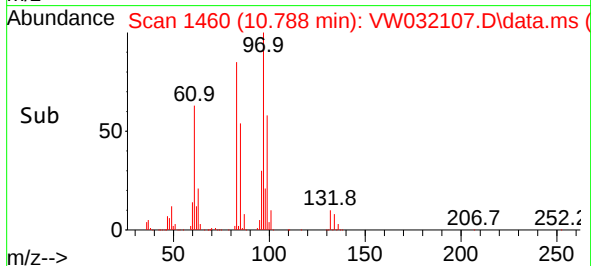
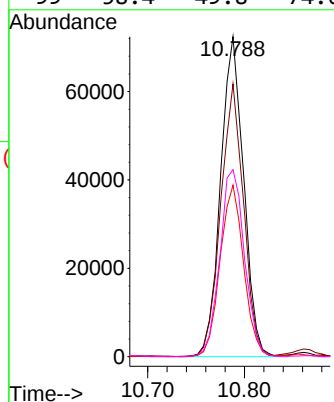
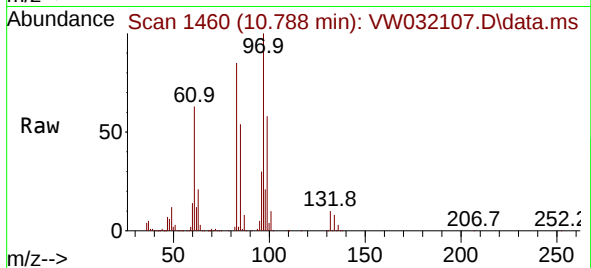




#55
1,1,2-Trichloroethane
Concen: 53.009 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

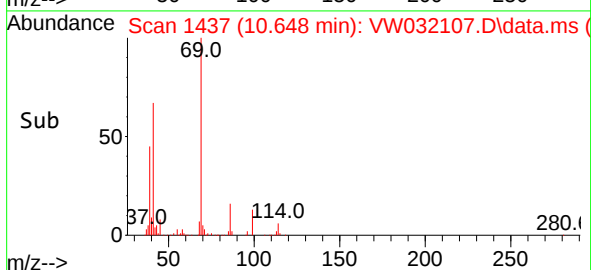
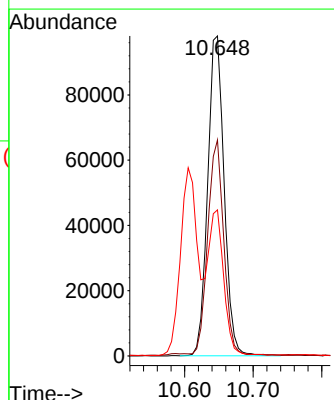
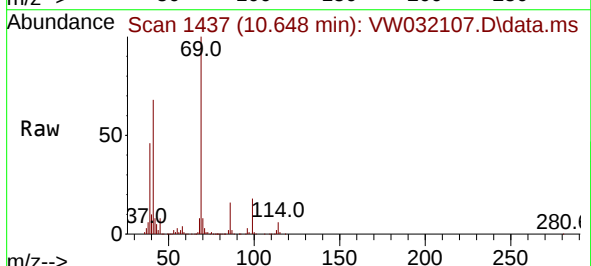
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

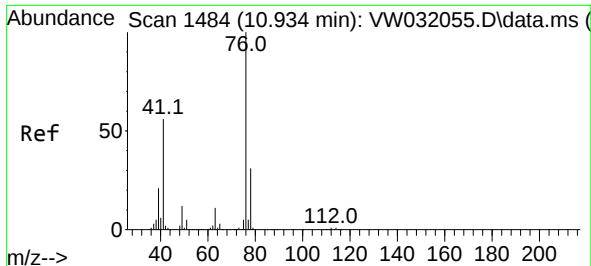
Tgt Ion:	97	Resp:	119964
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	53.5	43.1	64.7
99	58.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 54.076 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:	69	Resp:	163765
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.2	76.8
39	40.4	25.4	38.0





#57

1,3-Dichloropropane

Concen: 51.484 ug/l

RT: 10.928 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

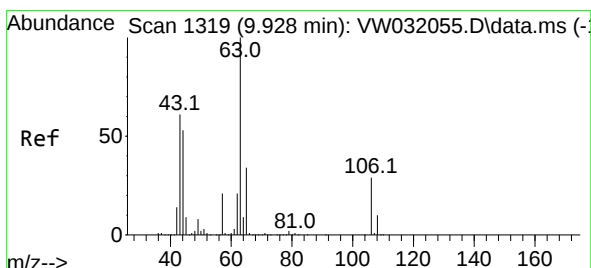
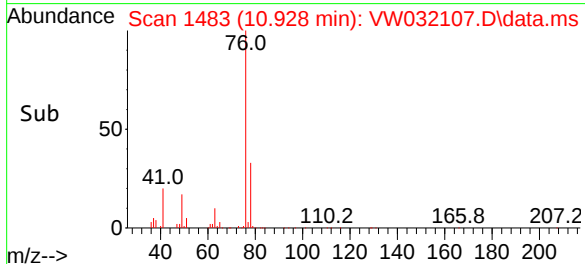
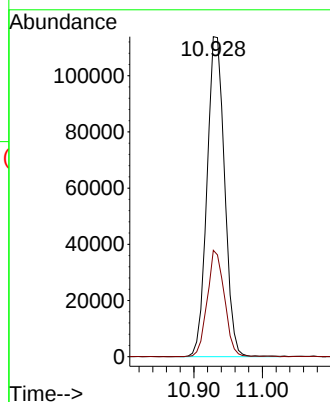
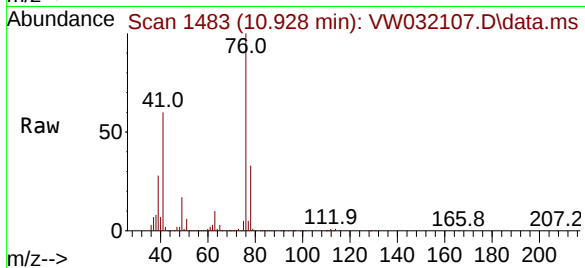
VSTDCCC050

Tgt Ion: 76 Resp: 203093

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 249.848 ug/l

RT: 9.922 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VW032107.D

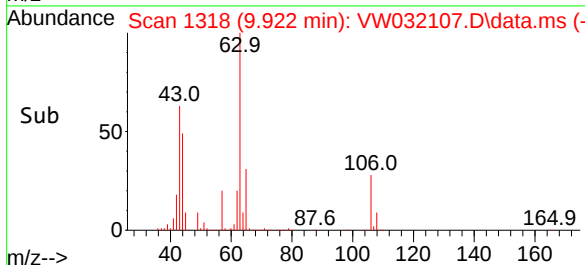
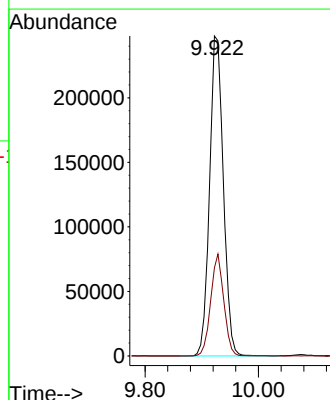
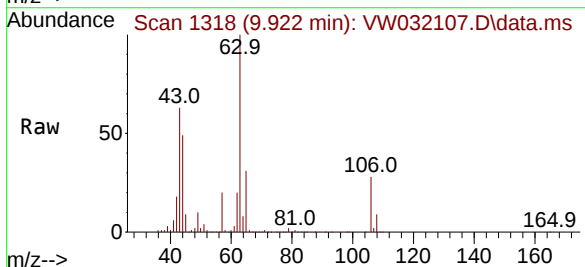
Acq: 22 Aug 2025 12:12

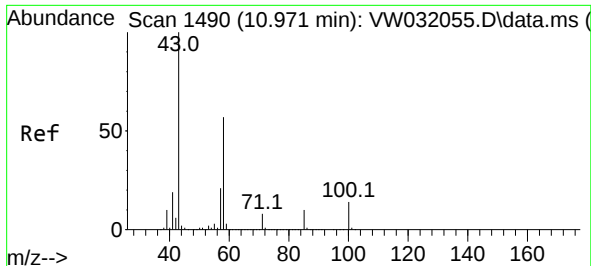
Tgt Ion: 63 Resp: 418525

Ion Ratio Lower Upper

63 100

106 30.1 23.5 35.3

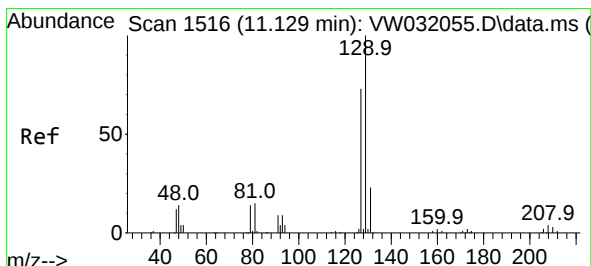
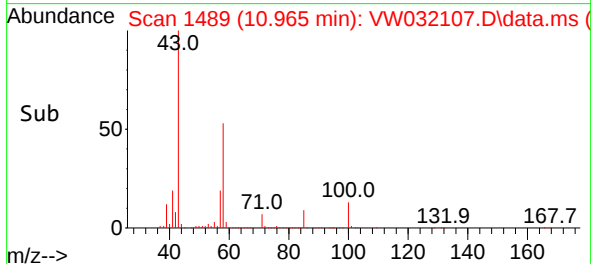
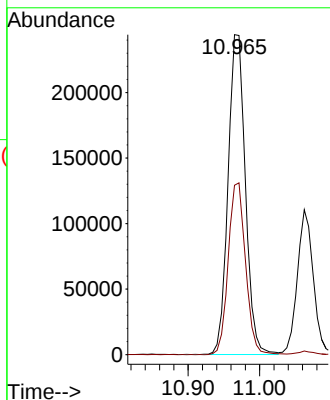
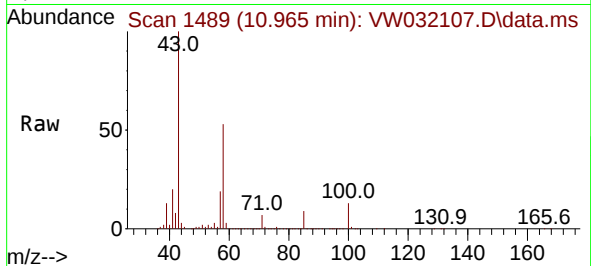




#59
2-Hexanone
Concen: 276.045 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

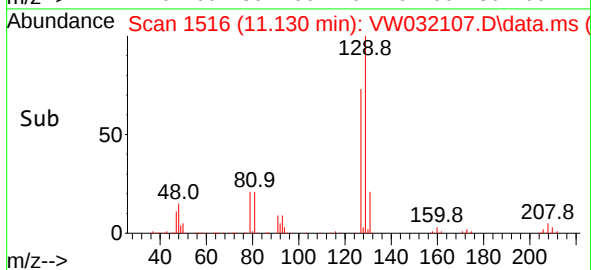
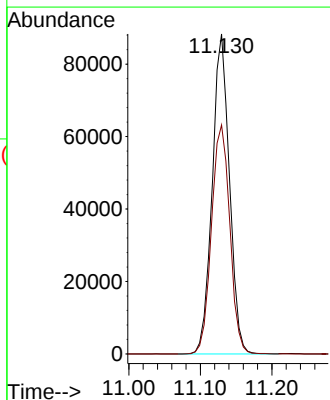
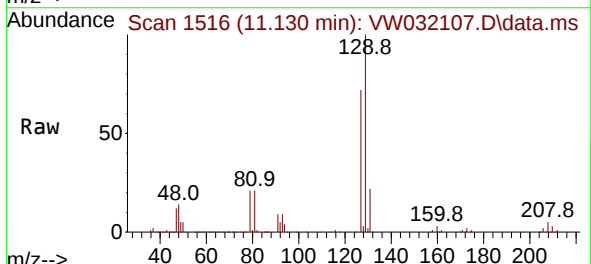
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

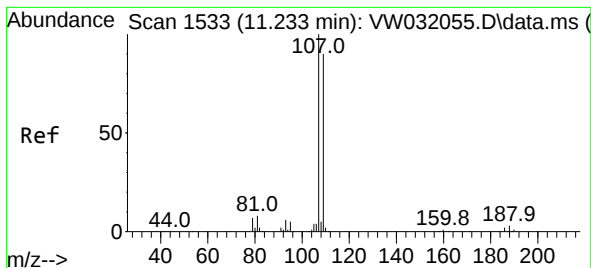
Tgt Ion: 43 Resp: 410868
Ion Ratio Lower Upper
43 100
58 53.7 28.3 85.0



#60
Dibromochloromethane
Concen: 56.972 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:129 Resp: 147281
Ion Ratio Lower Upper
129 100
127 76.2 39.0 116.9

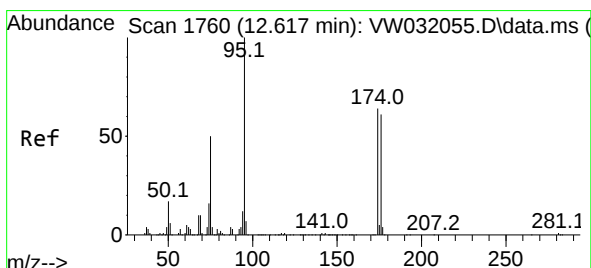
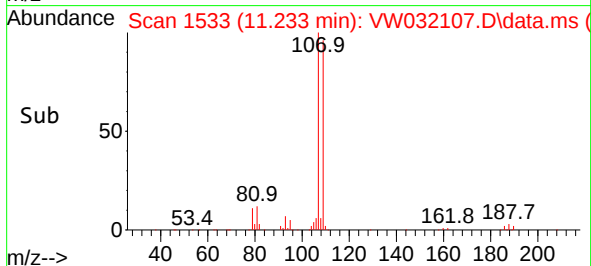
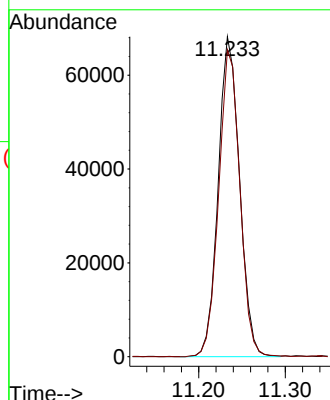
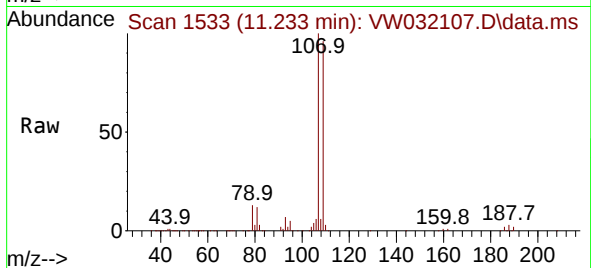




#61
1,2-Dibromoethane
Concen: 53.033 ug/l
RT: 11.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

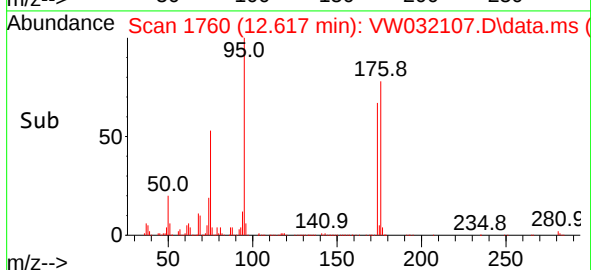
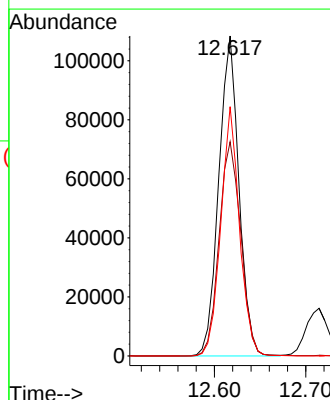
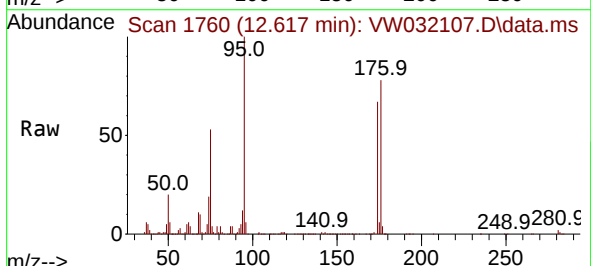
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

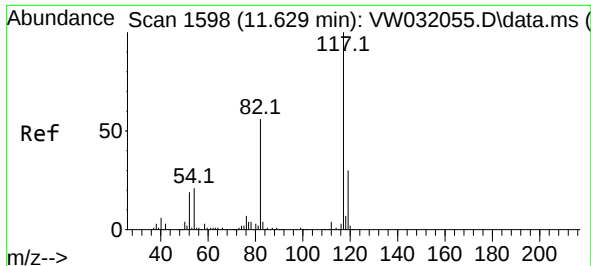
Tgt Ion:107 Resp: 116633
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 95 Resp: 166189
Ion Ratio Lower Upper
95 100
174 72.1 0.0 129.0
176 72.3 0.0 124.6

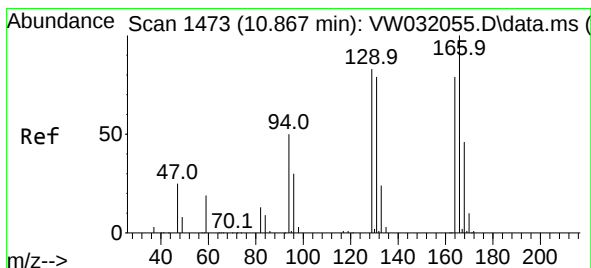
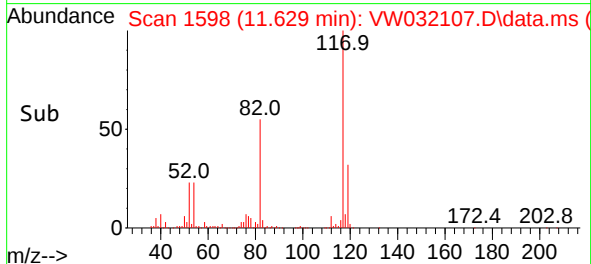
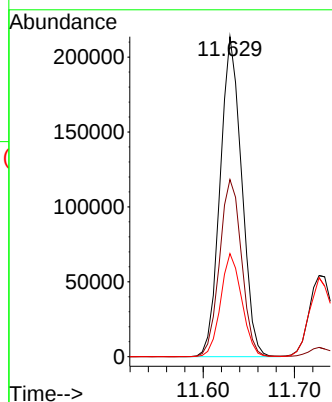
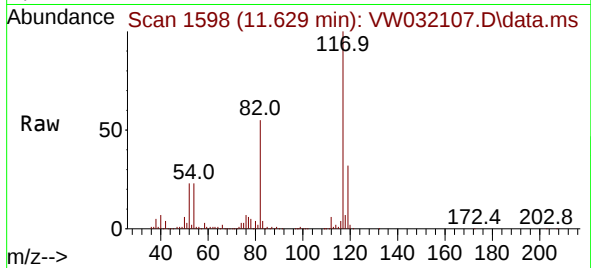




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

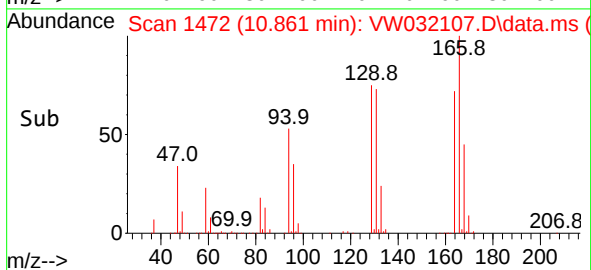
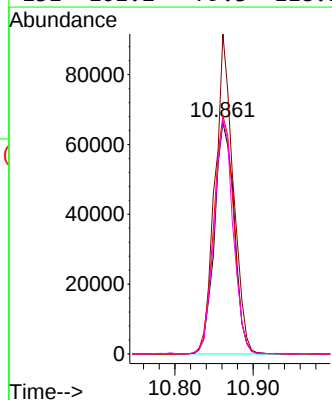
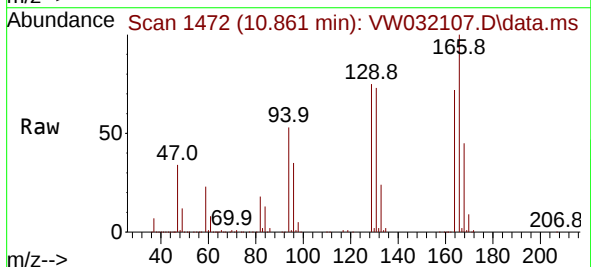
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

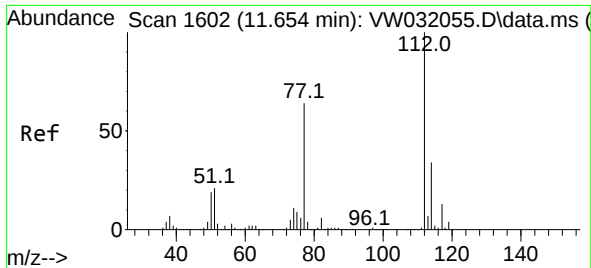
Tgt Ion:117 Resp: 350083
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.2 24.2 36.4



#64
Tetrachloroethene
Concen: 57.415 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:164 Resp: 116098
Ion Ratio Lower Upper
164 100
166 138.2 100.9 151.3
129 103.0 83.6 125.4
131 101.2 79.3 118.9

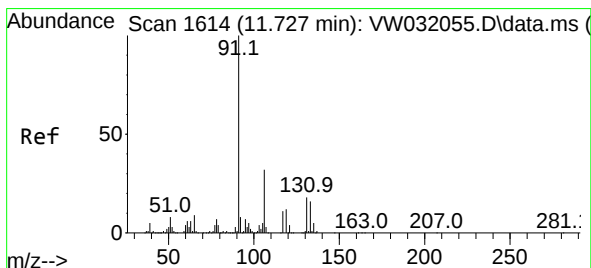
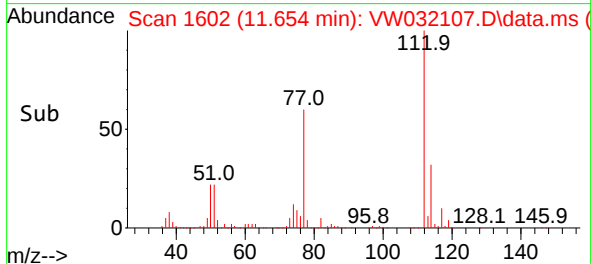
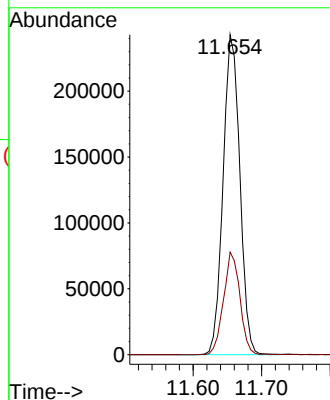
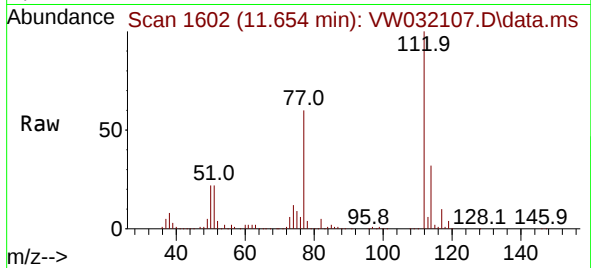




#65
Chlorobenzene
Concen: 53.999 ug/l
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

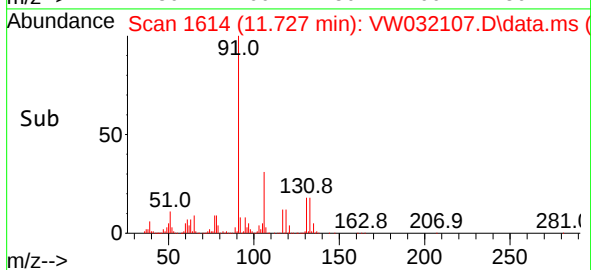
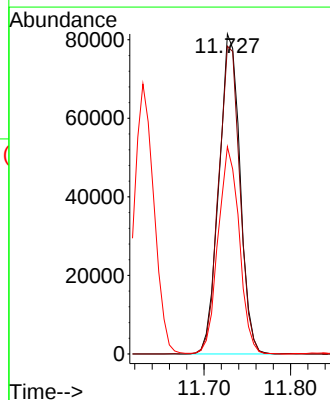
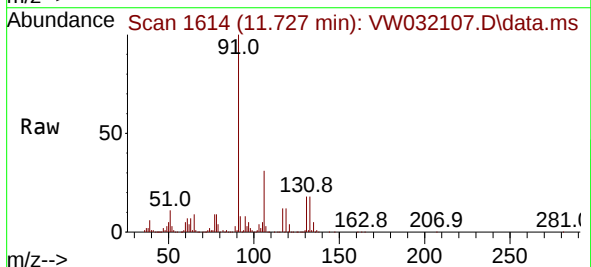
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

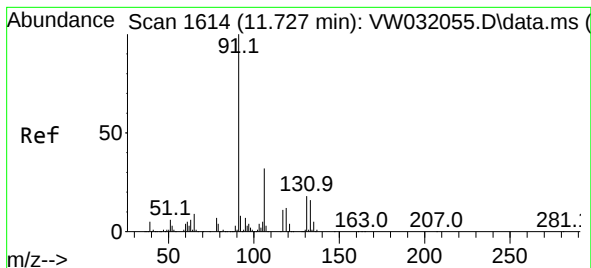
Tgt Ion:112 Resp: 411476
Ion Ratio Lower Upper
112 100
114 32.0 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.955 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:131 Resp: 137785
Ion Ratio Lower Upper
131 100
133 96.9 47.3 142.0
119 65.0 34.5 103.5

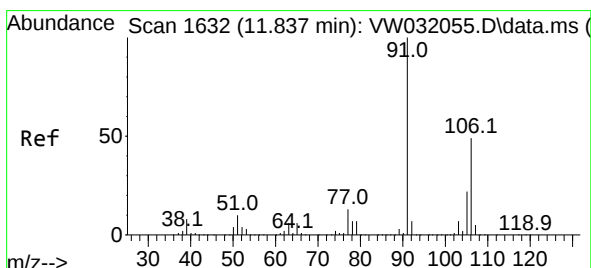
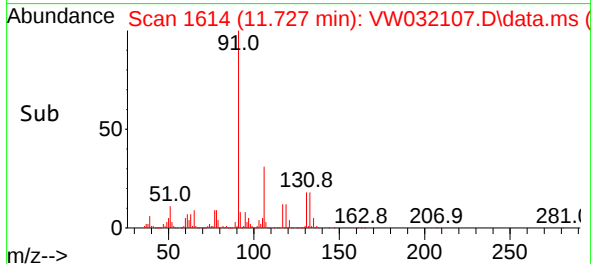
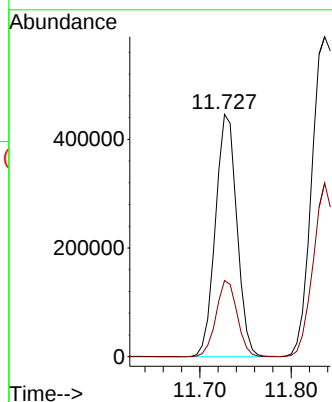
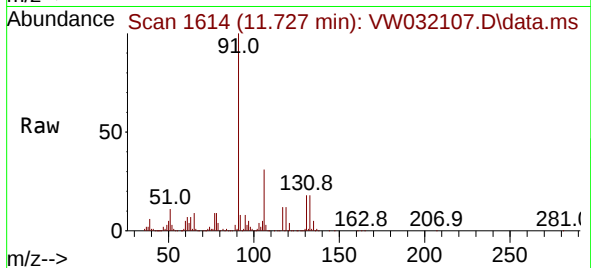




#67
Ethyl Benzene
Concen: 56.401 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

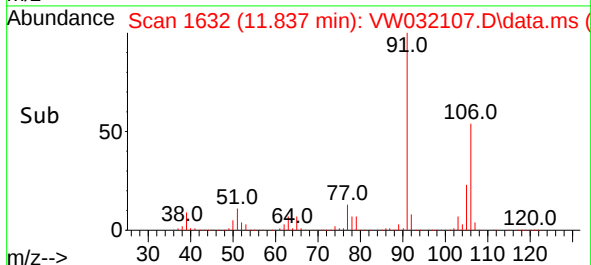
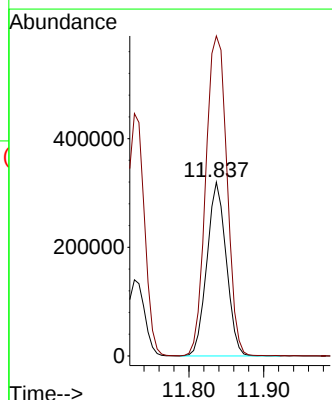
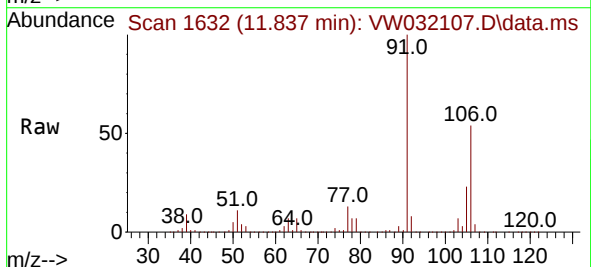
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

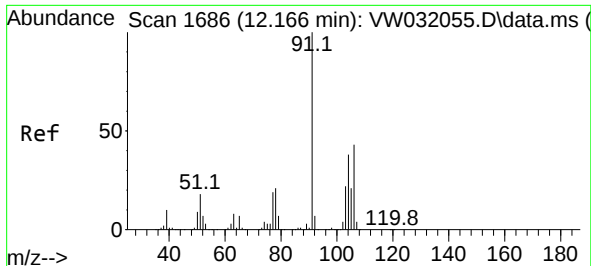
Tgt Ion: 91 Resp: 727983
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 115.123 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 106 Resp: 573373
Ion Ratio Lower Upper
106 100
91 201.3 162.2 243.2

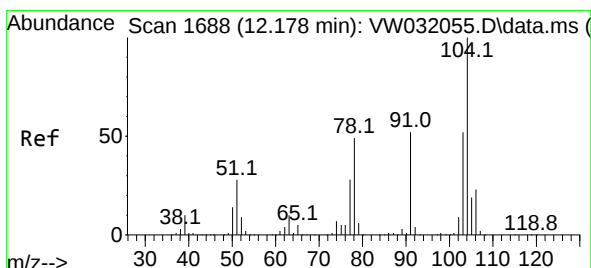
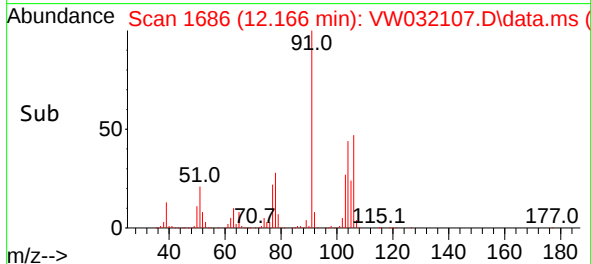
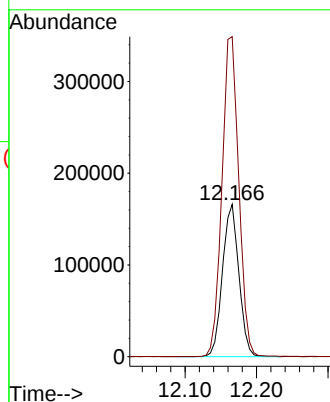
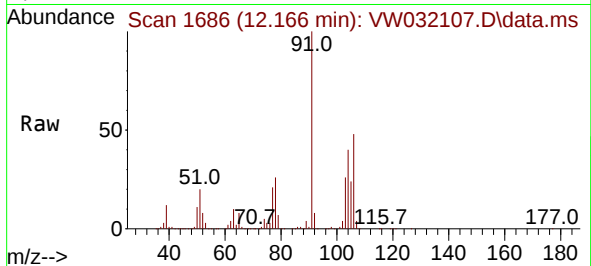




#69
o-Xylene
Concen: 57.247 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

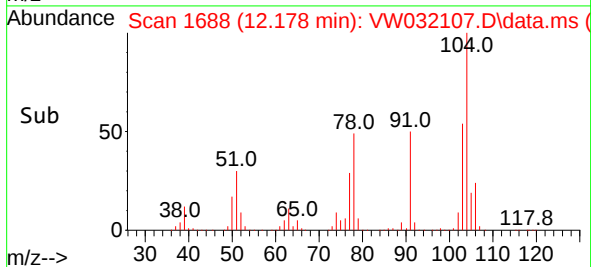
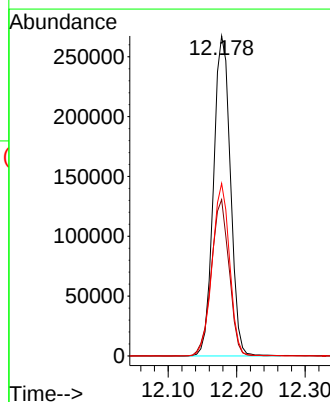
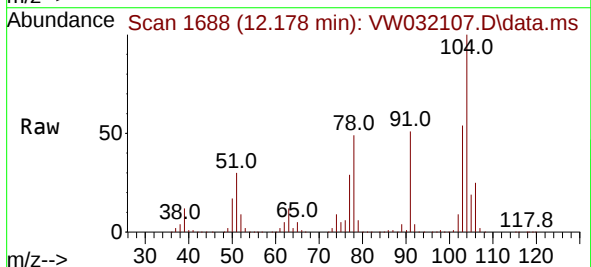
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

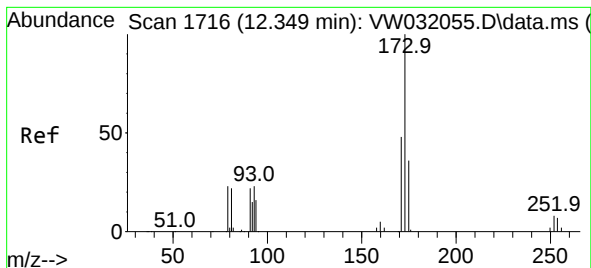
Tgt Ion:106 Resp: 263527
Ion Ratio Lower Upper
106 100
91 216.3 110.8 332.3



#70
Styrene
Concen: 55.976 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:104 Resp: 457694
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.4 43.8 65.8





#71

Bromoform

Concen: 62.328 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

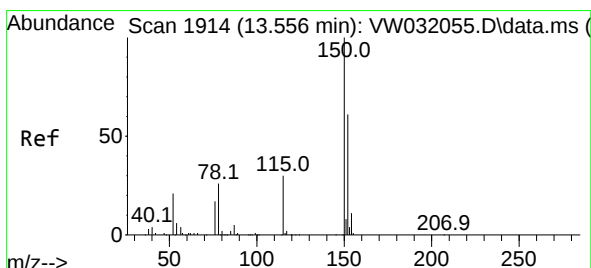
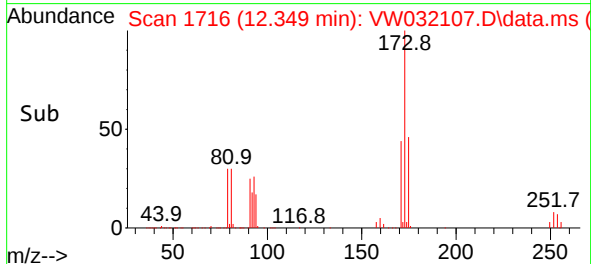
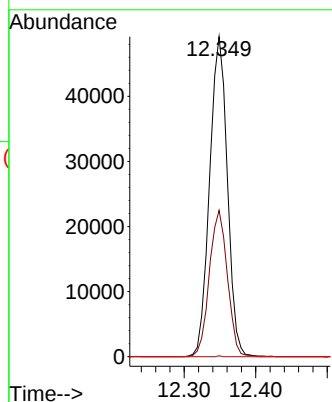
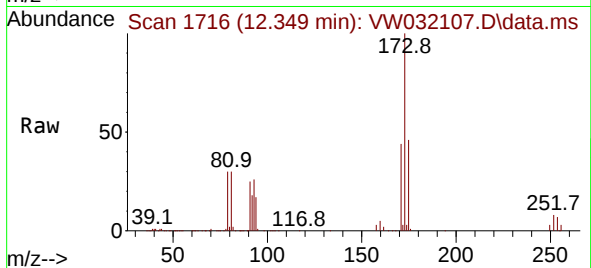
Tgt Ion:173 Resp: 84763

Ion Ratio Lower Upper

173 100

175 46.4 22.9 68.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

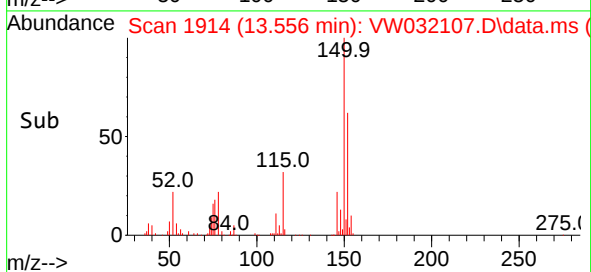
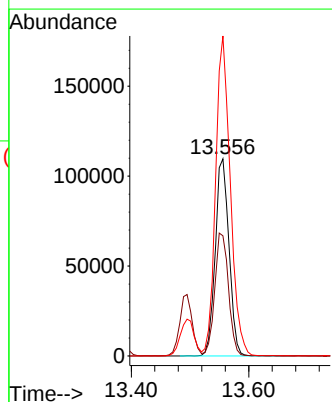
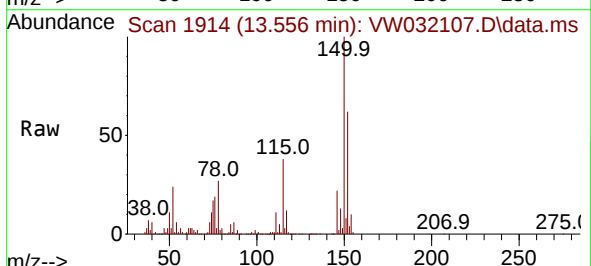
Tgt Ion:152 Resp: 177844

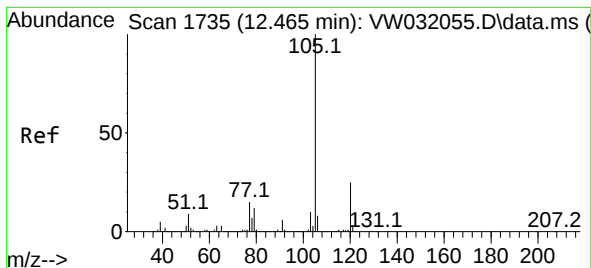
Ion Ratio Lower Upper

152 100

115 62.1 32.6 97.8

150 173.4 0.0 359.4





#73

Isopropylbenzene

Concen: 54.561 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

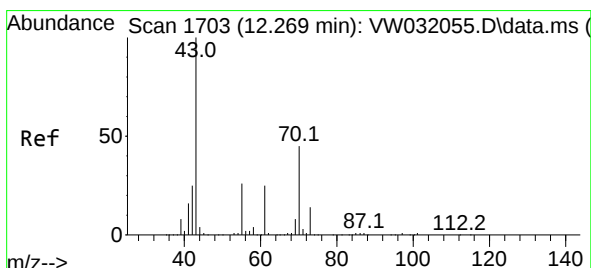
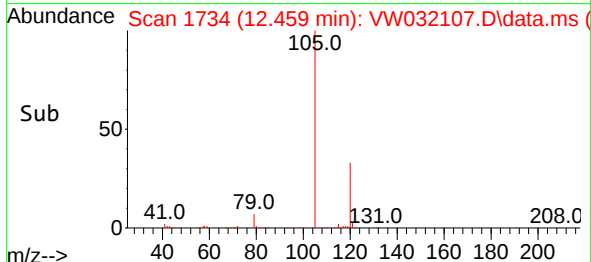
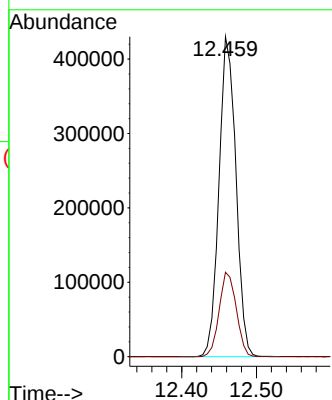
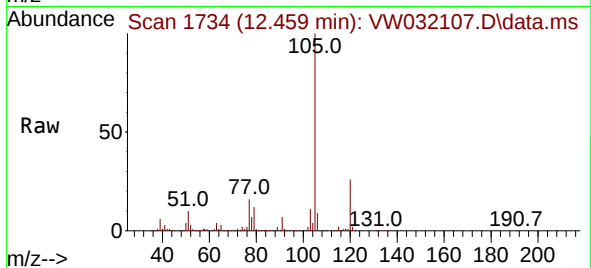
VSTDCCC050

Tgt Ion:105 Resp: 678121

Ion Ratio Lower Upper

105 100

120 26.7 12.8 38.4



#74

N-ethyl acetate

Concen: 53.569 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Tgt Ion: 43 Resp: 191017

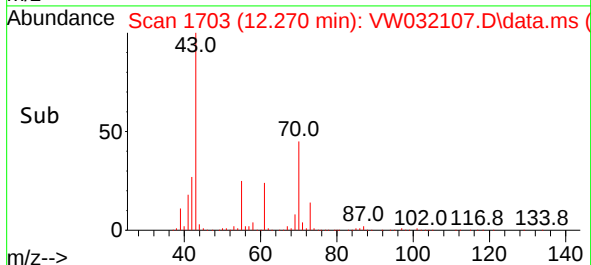
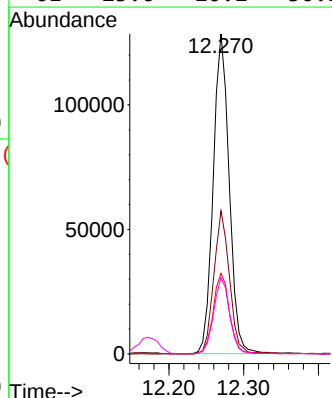
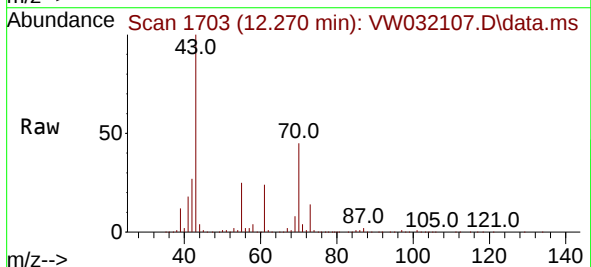
Ion Ratio Lower Upper

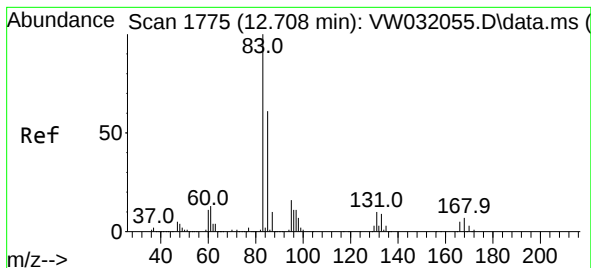
43 100

70 44.1 37.0 55.4

55 25.6 21.1 31.7

61 23.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.800 ug/l

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

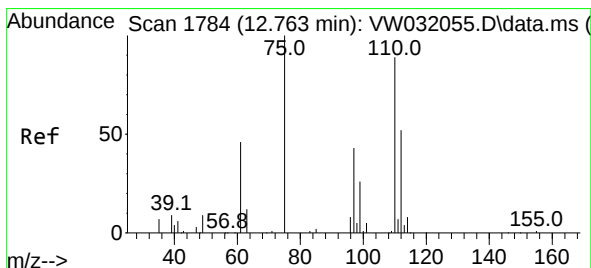
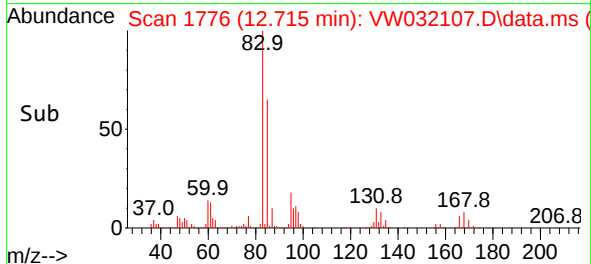
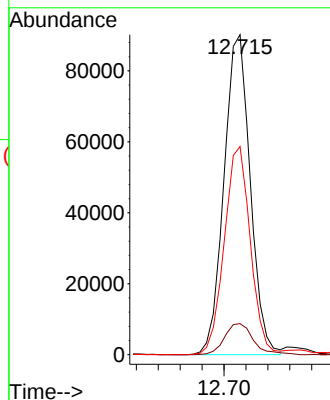
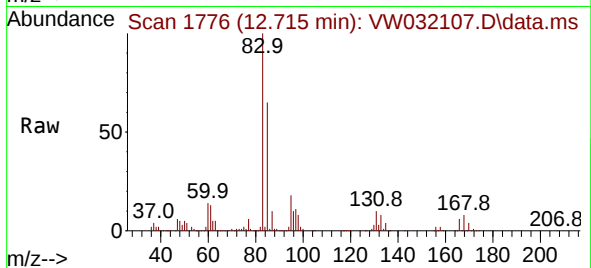
Tgt Ion: 83 Resp: 149910

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 64.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 78.619 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032107.D

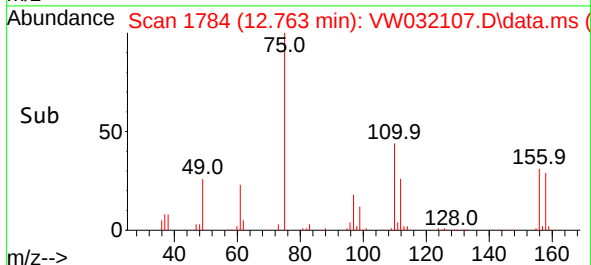
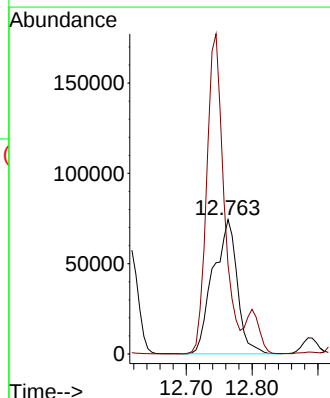
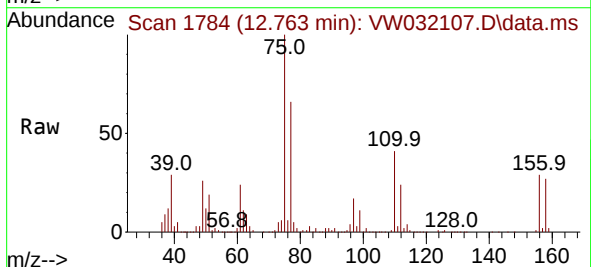
Acq: 22 Aug 2025 12:12

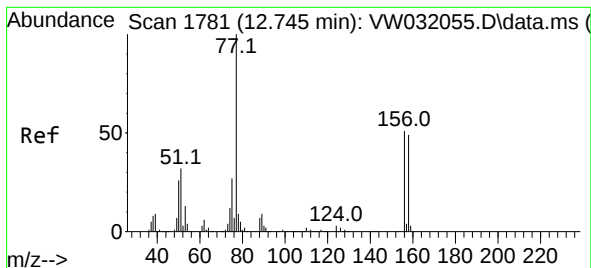
Tgt Ion: 75 Resp: 189767

Ion Ratio Lower Upper

75 100

77 170.3 123.5 370.5





#77

Bromobenzene

Concen: 55.667 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

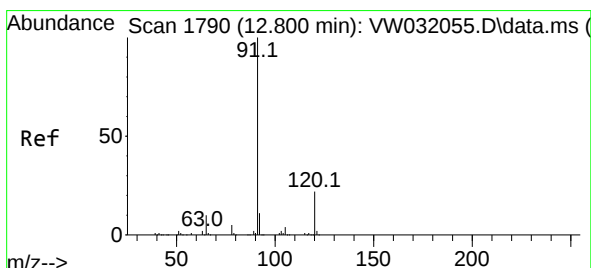
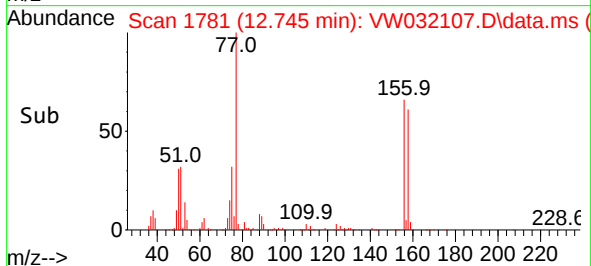
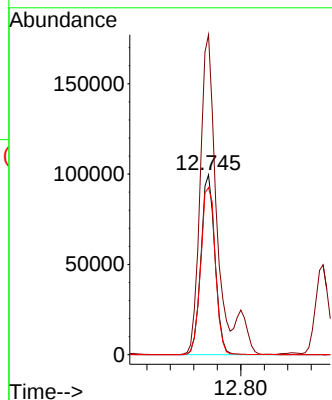
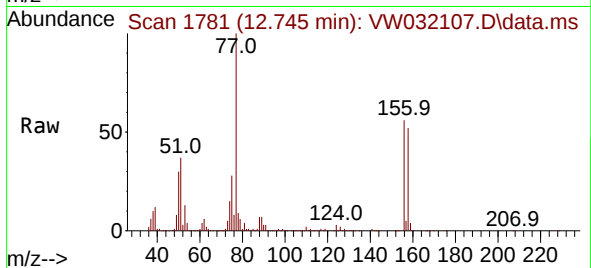
Tgt Ion:156 Resp: 165247

Ion Ratio Lower Upper

156 100

77 195.5 108.7 326.3

158 96.9 48.3 144.9



#78

n-propylbenzene

Concen: 56.074 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032107.D

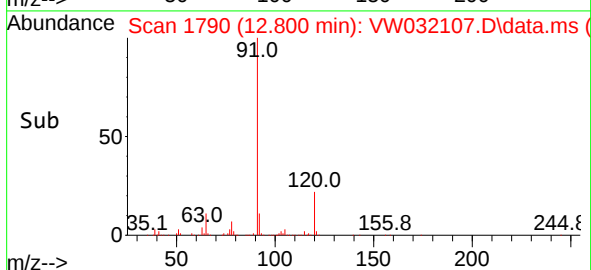
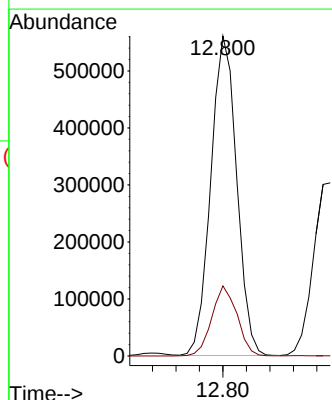
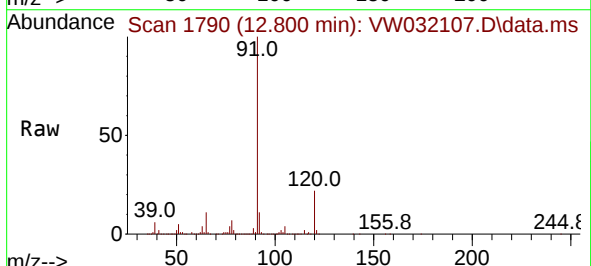
Acq: 22 Aug 2025 12:12

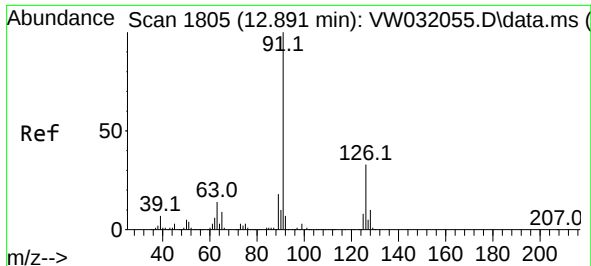
Tgt Ion: 91 Resp: 858032

Ion Ratio Lower Upper

91 100

120 21.4 11.1 33.3

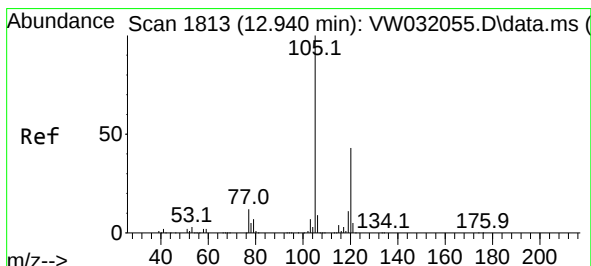
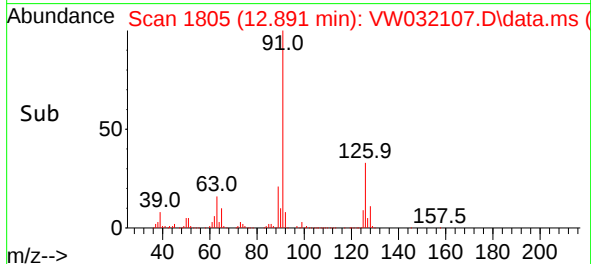
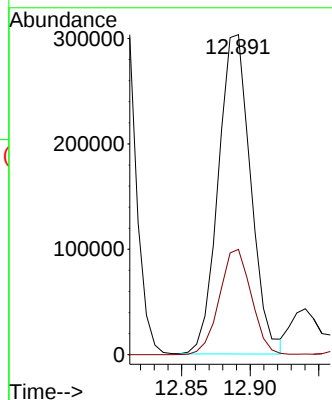
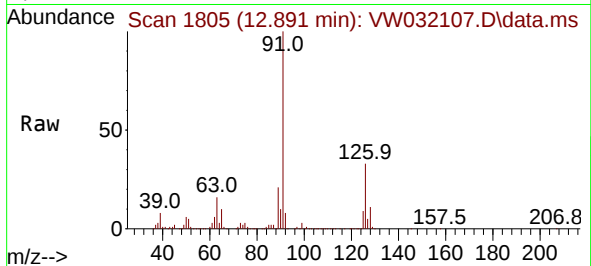




#79
2-Chlorotoluene
Concen: 52.885 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

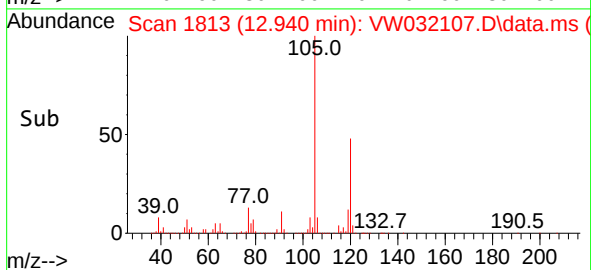
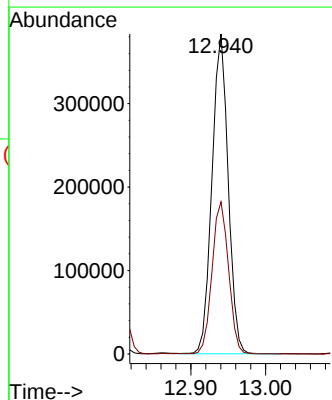
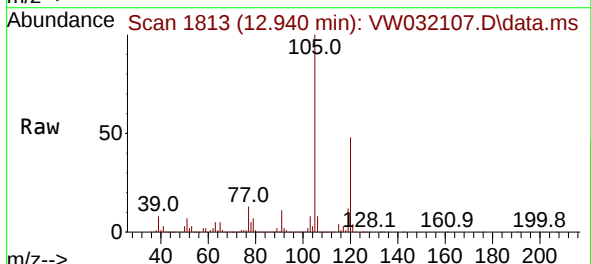
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

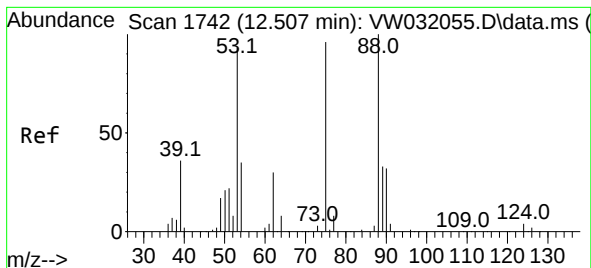
Tgt Ion: 91 Resp: 499434
Ion Ratio Lower Upper
91 100
126 32.6 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 54.770 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 105 Resp: 577915
Ion Ratio Lower Upper
105 100
120 48.4 23.4 70.0

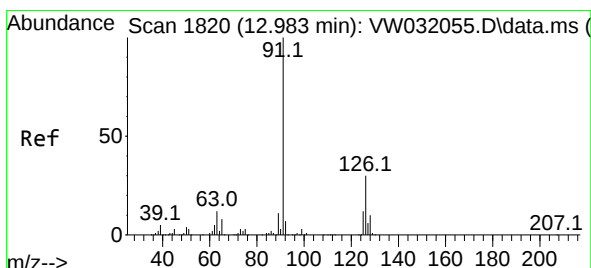
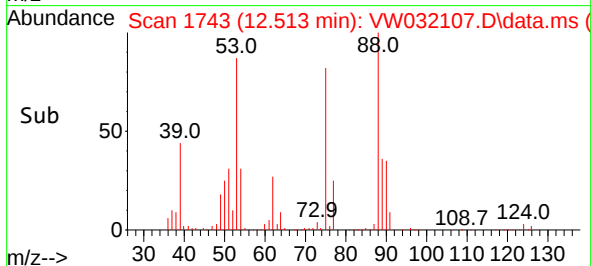
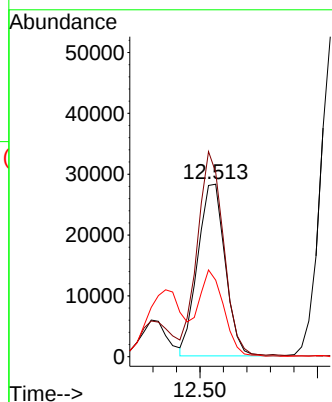
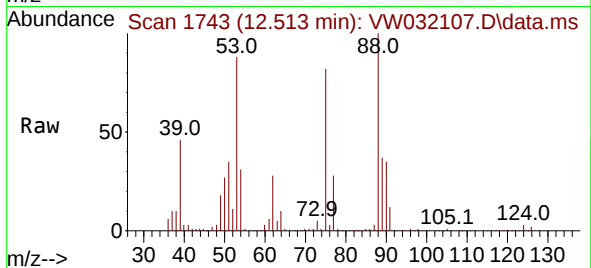




#81
trans-1,4-Dichloro-2-butene
Concen: 49.236 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

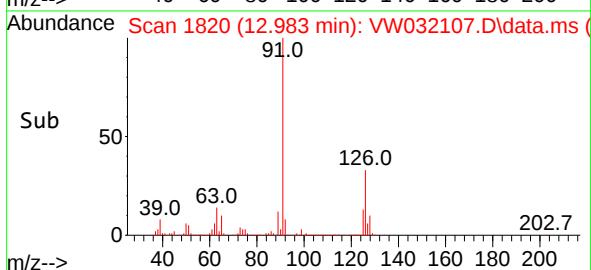
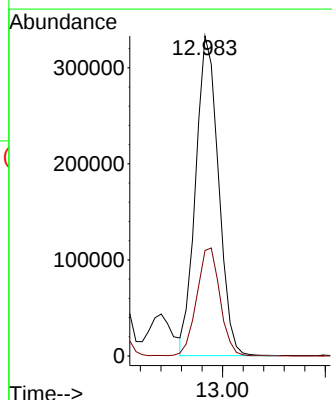
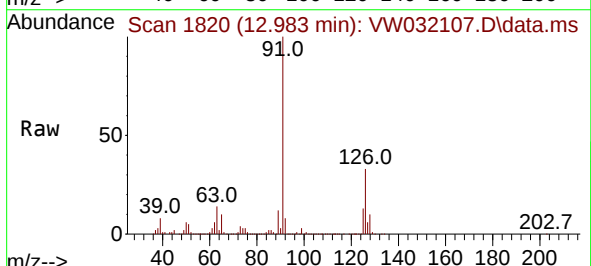
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

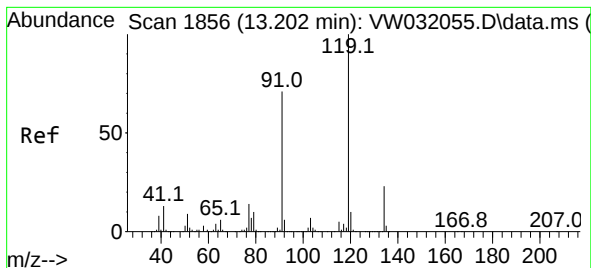
Tgt Ion: 75 Resp: 45905
Ion Ratio Lower Upper
75 100
53 114.4 81.0 121.6
89 47.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.180 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 91 Resp: 513517
Ion Ratio Lower Upper
91 100
126 34.5 15.5 46.5

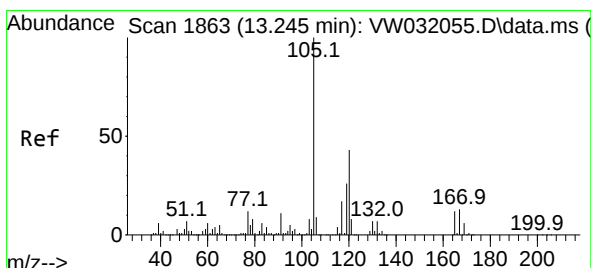
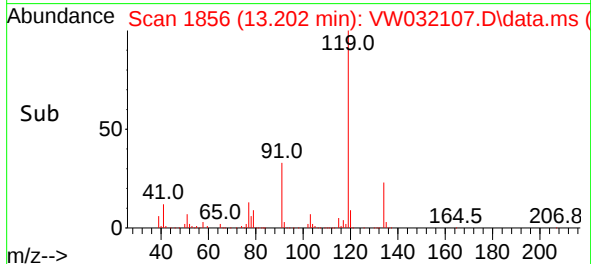
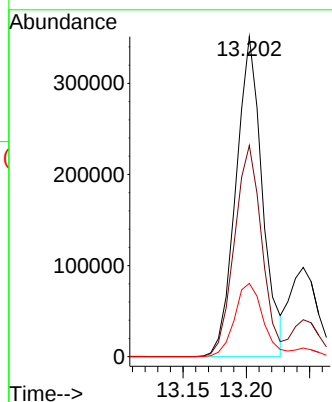
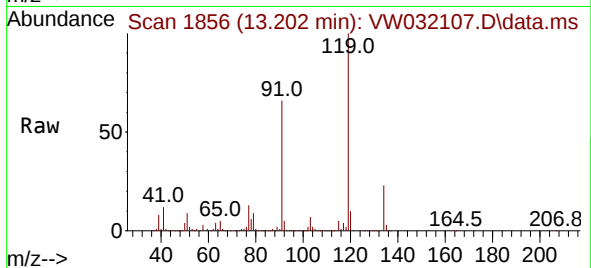




#83
 tert-Butylbenzene
 Concen: 58.520 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

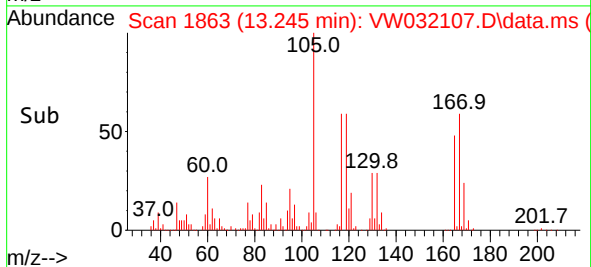
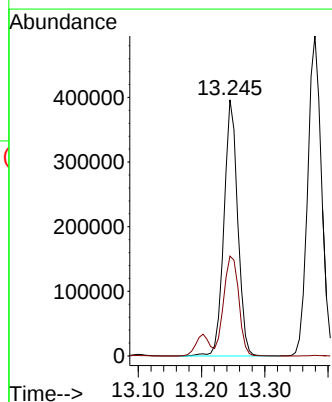
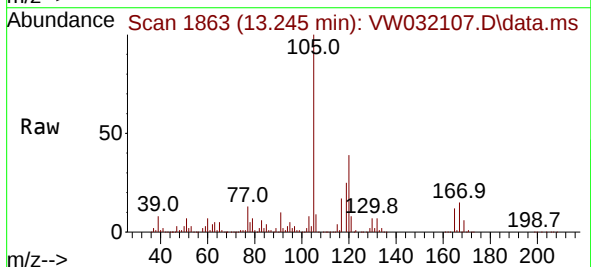
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

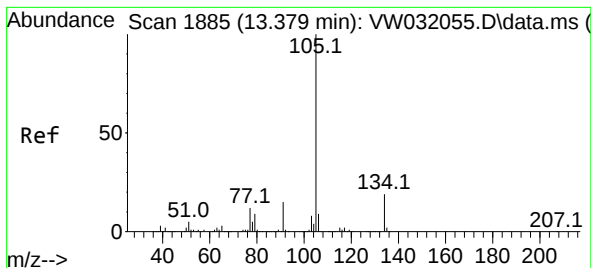
Tgt Ion:119 Resp: 512461
 Ion Ratio Lower Upper
 119 100
 91 68.0 35.3 105.9
 134 24.8 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.365 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion:105 Resp: 594687
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.6 64.8

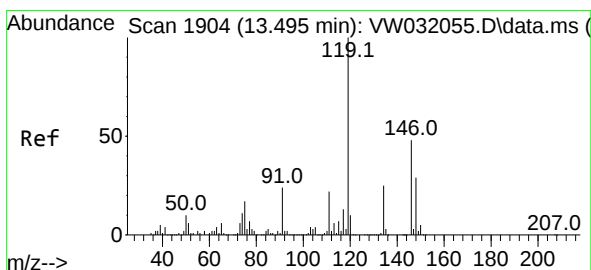
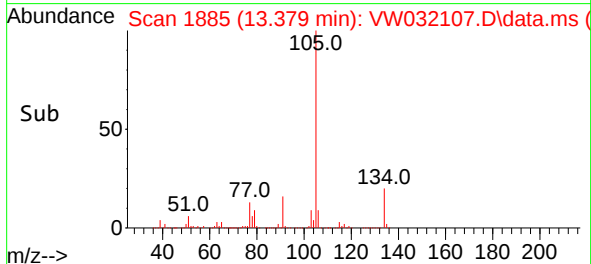
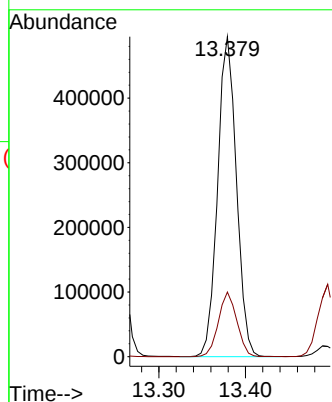
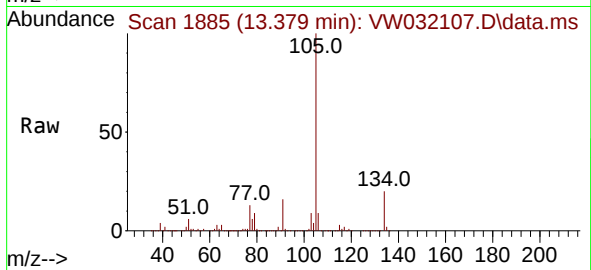




#85
 sec-Butylbenzene
 Concen: 56.380 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

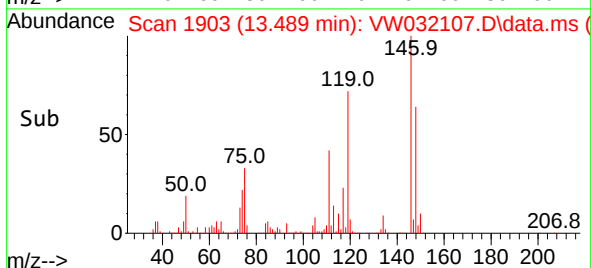
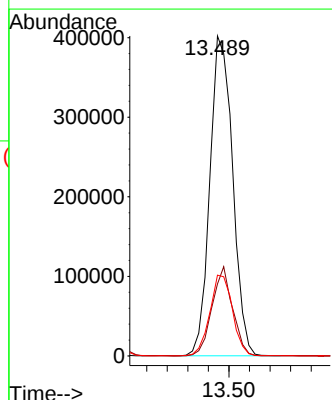
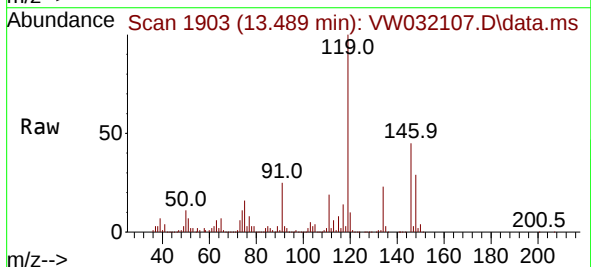
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

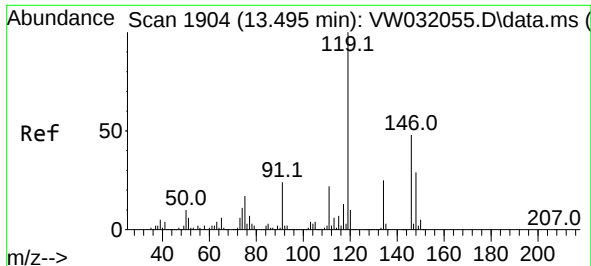
Tgt Ion:105 Resp: 746453
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 56.029 ug/l
 RT: 13.489 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW032107.D
 Acq: 22 Aug 2025 12:12

Tgt Ion:119 Resp: 618425
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.4 37.0
 91 25.4 12.1 36.3

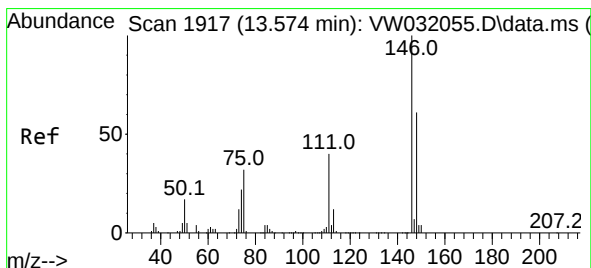
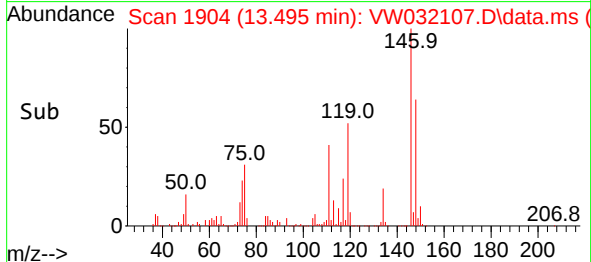
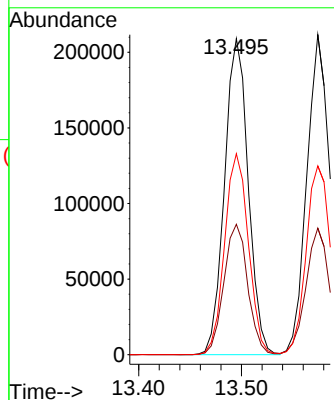
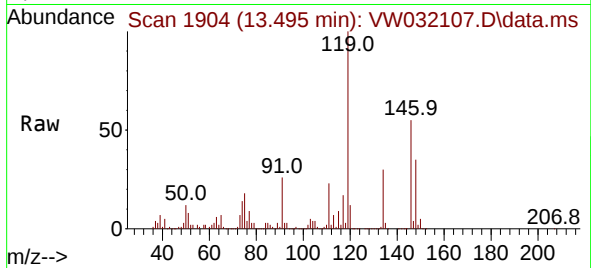




#87
1,3-Dichlorobenzene
Concen: 56.714 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

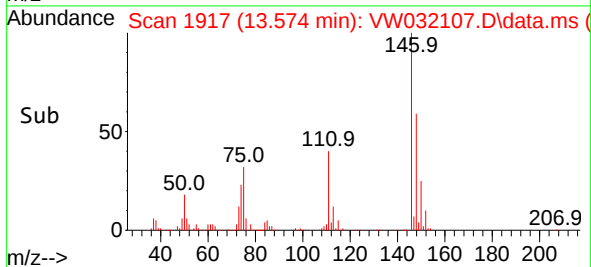
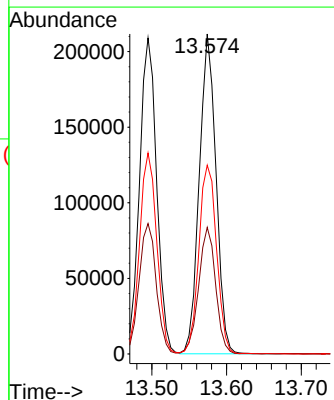
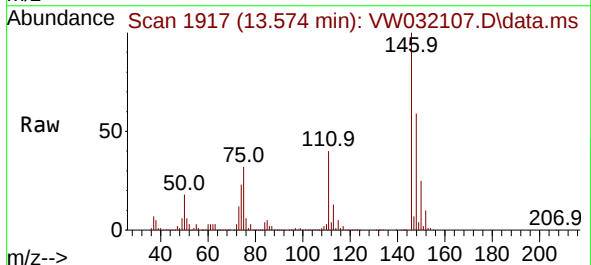
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

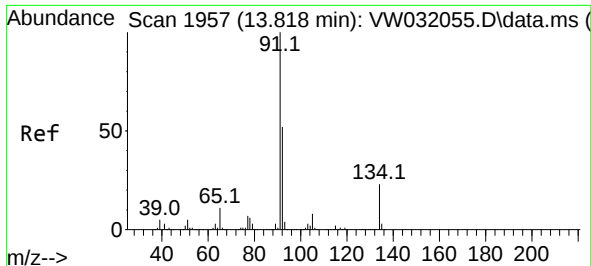
Tgt Ion:146 Resp: 334998
Ion Ratio Lower Upper
146 100
111 41.4 21.2 63.6
148 63.9 30.3 90.8



#88
1,4-Dichlorobenzene
Concen: 55.149 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion:146 Resp: 329197
Ion Ratio Lower Upper
146 100
111 40.2 21.6 64.6
148 62.5 32.0 96.2





#89

n-Butylbenzene

Concen: 57.394 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

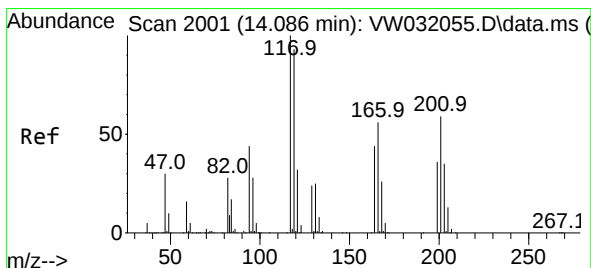
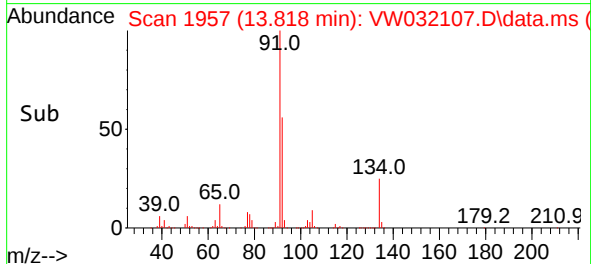
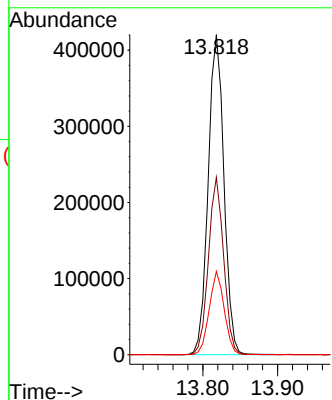
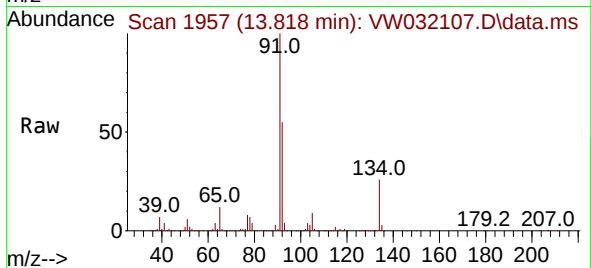
Tgt Ion: 91 Resp: 615433

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 56.062 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032107.D

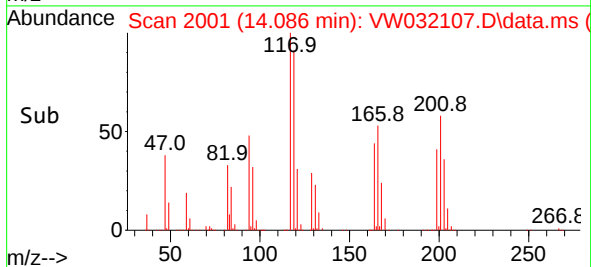
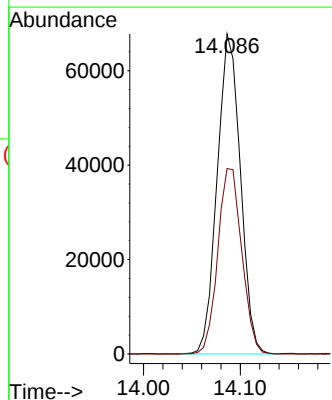
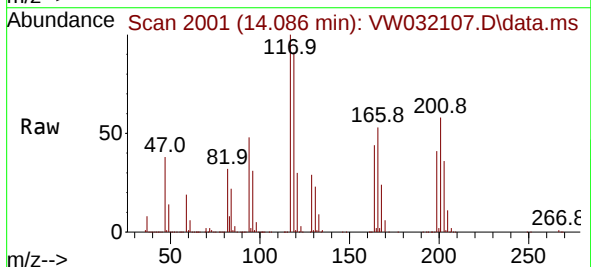
Acq: 22 Aug 2025 12:12

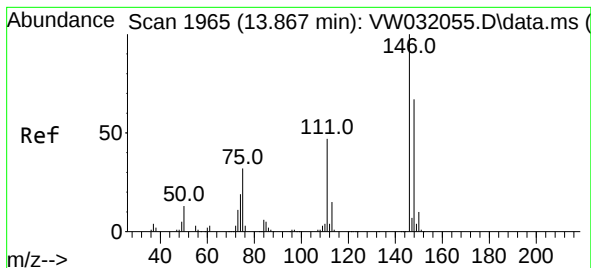
Tgt Ion: 117 Resp: 113164

Ion Ratio Lower Upper

117 100

201 59.8 30.9 92.5

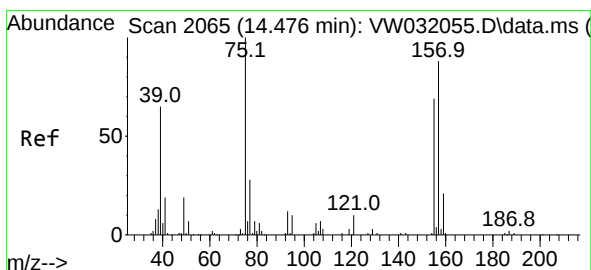
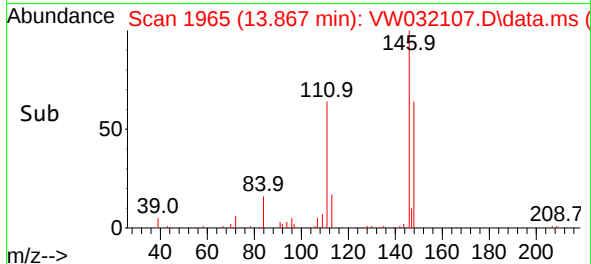
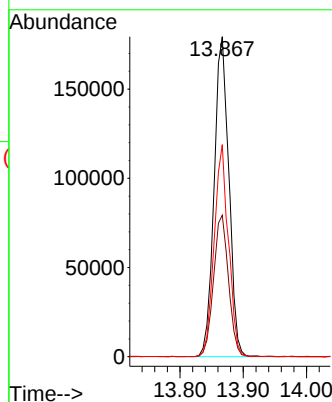
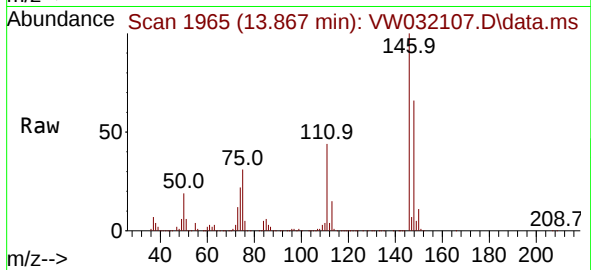




#91
1,2-Dichlorobenzene
Concen: 54.146 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

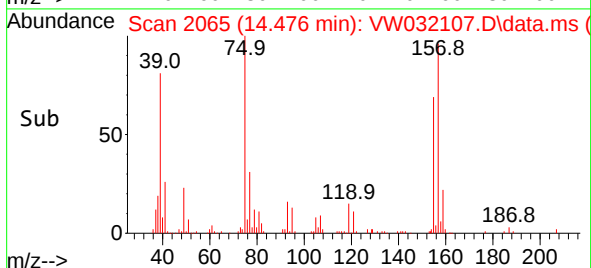
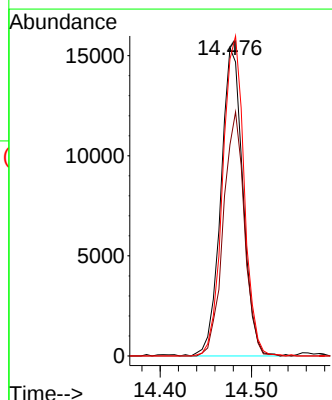
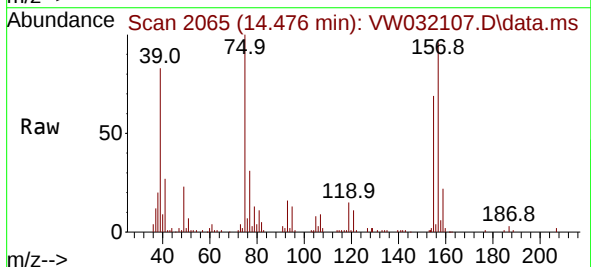
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

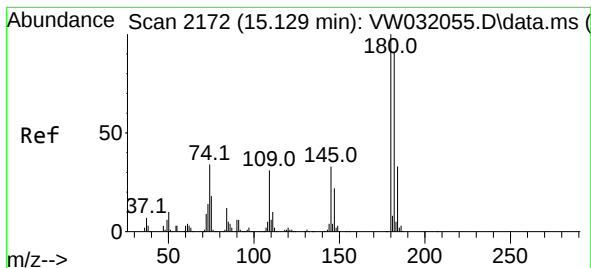
Tgt Ion:146 Resp: 289722
Ion Ratio Lower Upper
146 100
111 45.0 23.1 69.3
148 64.2 32.9 98.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.202 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032107.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 75 Resp: 25812
Ion Ratio Lower Upper
75 100
155 75.8 35.2 105.6
157 101.2 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 55.434 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

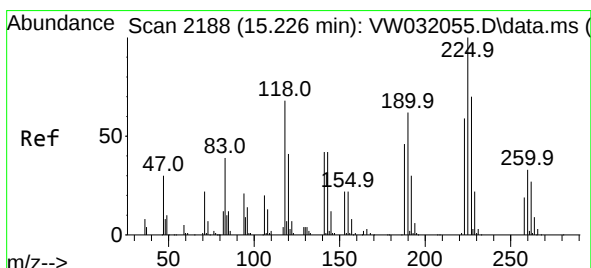
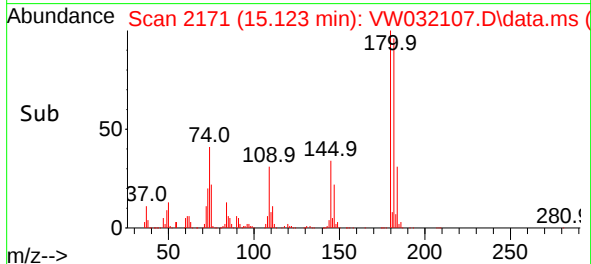
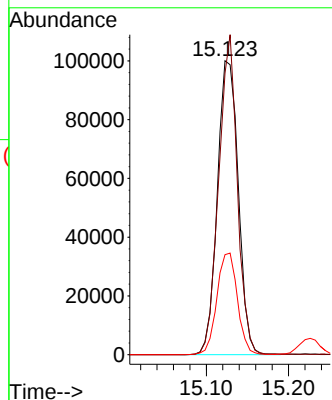
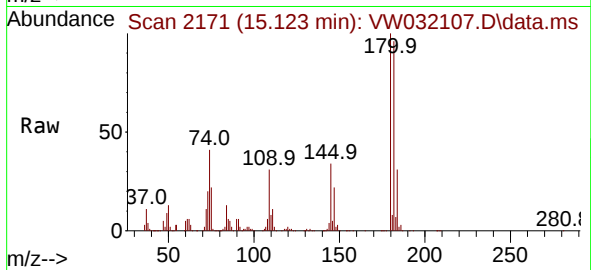
Tgt Ion:180 Resp: 177438

Ion Ratio Lower Upper

180 100

182 97.0 49.0 147.0

145 33.9 17.3 51.9



#94

Hexachlorobutadiene

Concen: 57.418 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

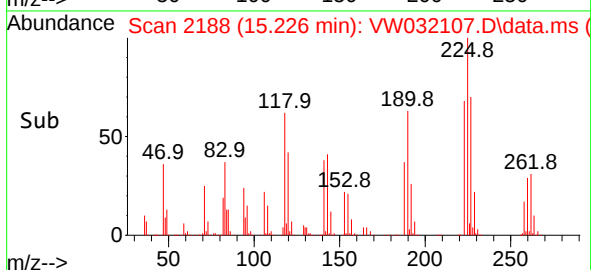
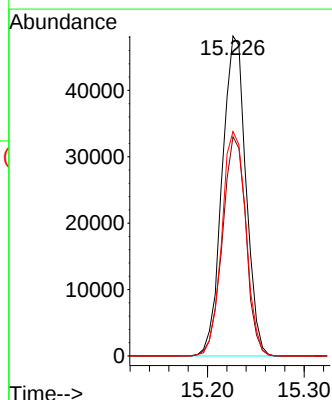
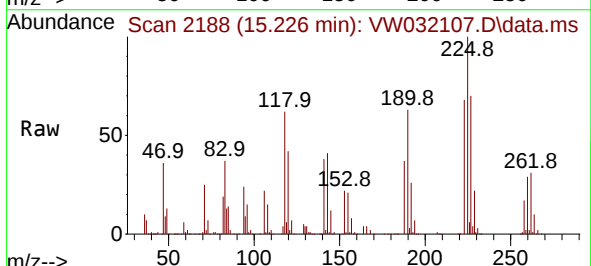
Tgt Ion:225 Resp: 82155

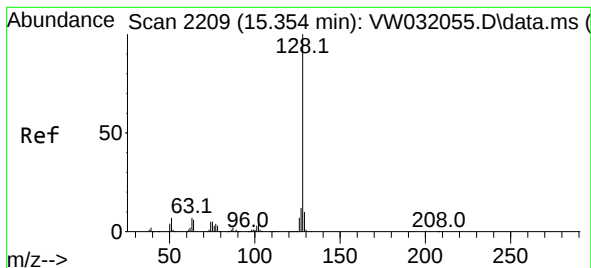
Ion Ratio Lower Upper

225 100

223 67.5 31.8 95.3

227 70.9 33.5 100.5





#95

Naphthalene

Concen: 52.621 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

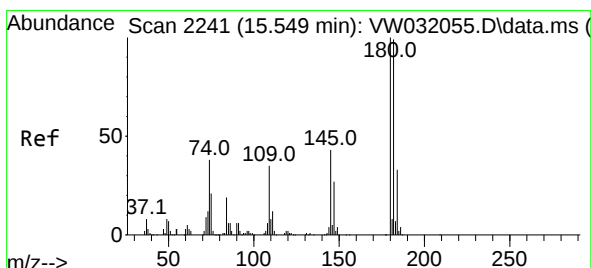
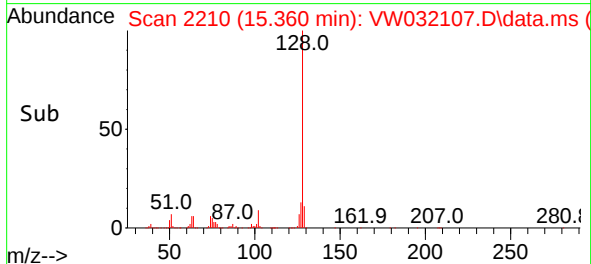
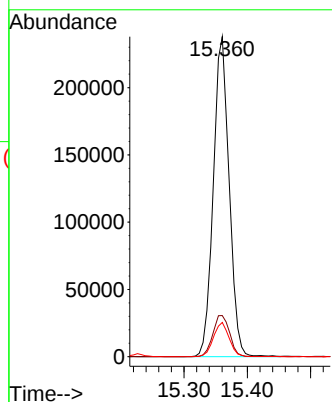
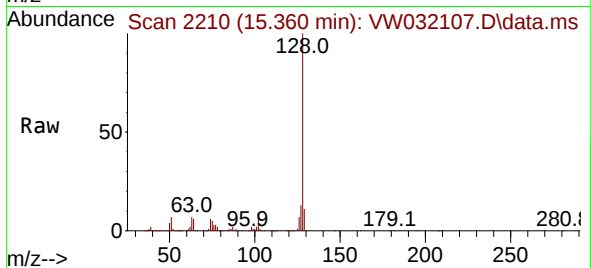
Tgt Ion:128 Resp: 412715

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.6 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 54.921 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032107.D

Acq: 22 Aug 2025 12:12

Tgt Ion:180 Resp: 159949

Ion Ratio Lower Upper

180 100

182 98.4 46.0 138.0

145 35.1 19.2 57.6

