

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032023.D
 Acq On : 06 Aug 2025 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 02:15:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	239068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	426793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	383470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	167908	46.428	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.860%
35) Dibromofluoromethane	7.892	113	144268	49.746	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.500%
50) Toluene-d8	10.325	98	549752	50.087	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.617	95	212943	50.525	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	78451	44.153	ug/l	97
3) Chloromethane	2.253	50	109784	48.139	ug/l	99
4) Vinyl Chloride	2.405	62	148957	50.281	ug/l	96
5) Bromomethane	2.826	94	104228	47.778	ug/l	97
6) Chloroethane	2.966	64	97195	49.710	ug/l	99
7) Trichlorofluoromethane	3.302	101	127399	42.459	ug/l	96
8) Diethyl Ether	3.716	74	96089	47.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	145677	50.475	ug/l	98
10) Methyl Iodide	4.301	142	214163	49.631	ug/l	100
11) Tert butyl alcohol	5.246	59	52512	247.020	ug/l	98
12) 1,1-Dichloroethene	4.076	96	160820	50.449	ug/l	90
13) Acrolein	3.936	56	14448	40.765	ug/l	92
14) Allyl chloride	4.698	41	244382	49.247	ug/l	99
15) Acrylonitrile	5.399	53	218354	243.674	ug/l	100
16) Acetone	4.167	43	194168	226.256	ug/l	99
17) Carbon Disulfide	4.411	76	419740	50.771	ug/l	99
18) Methyl Acetate	4.710	43	123287	52.145	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	296648	53.859	ug/l	99
20) Methylene Chloride	4.948	84	172567	46.711	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	167572	49.545	ug/l	97
22) Diisopropyl ether	6.338	45	498470	50.200	ug/l	98
23) Vinyl Acetate	6.277	43	1607871	247.850	ug/l	100
24) 1,1-Dichloroethane	6.240	63	308135	49.841	ug/l	99
25) 2-Butanone	7.191	43	279155	237.745	ug/l	98
26) 2,2-Dichloropropane	7.179	77	173307	49.515	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	200395	50.398	ug/l	99
28) Bromochloromethane	7.526	49	111719	43.159	ug/l	94
29) Tetrahydrofuran	7.551	42	186613	242.410	ug/l	99
30) Chloroform	7.691	83	323303	49.875	ug/l	99
31) Cyclohexane	7.965	56	263922	47.583	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	252386	51.166	ug/l	97
36) 1,1-Dichloropropene	8.093	75	229662	51.566	ug/l	99
37) Ethyl Acetate	7.270	43	122489	48.211	ug/l	97
38) Carbon Tetrachloride	8.081	117	226210	52.923	ug/l	99
39) Methylcyclohexane	9.343	83	293124	52.298	ug/l	95
40) Benzene	8.331	78	687780	52.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	74330	48.872	ug/l	92
42) 1,2-Dichloroethane	8.410	62	214624	50.865	ug/l	100
43) Isopropyl Acetate	8.435	43	236468	51.412	ug/l	99
44) Trichloroethene	9.099	130	163699	52.237	ug/l	98
45) 1,2-Dichloropropane	9.374	63	163160	51.386	ug/l	99
46) Dibromomethane	9.465	93	102907	52.283	ug/l	97
47) Bromodichloromethane	9.648	83	247324	52.402	ug/l	98
48) Methyl methacrylate	9.441	41	117022	53.478	ug/l	98
49) 1,4-Dioxane	9.471	88	26851	1367.171	ug/l #	88
51) 4-Methyl-2-Pentanone	10.209	43	659480	261.993	ug/l	99
52) Toluene	10.392	92	441594	52.104	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	236758	52.295	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	270682	52.354	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	137421	52.562	ug/l	93
56) Ethyl methacrylate	10.648	69	199654	54.071	ug/l	98
57) 1,3-Dichloropropane	10.934	76	241119	52.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	459911	242.488	ug/l	99
59) 2-Hexanone	10.965	43	452693	258.730	ug/l	99
60) Dibromochloromethane	11.129	129	166640	54.667	ug/l	94
61) 1,2-Dibromoethane	11.233	107	135643	52.505	ug/l	100
64) Tetrachloroethene	10.861	164	130531	51.629	ug/l	89
65) Chlorobenzene	11.654	112	478346	50.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	151541	52.084	ug/l	98
67) Ethyl Benzene	11.727	91	834852	50.628	ug/l	96
68) m/p-Xylenes	11.837	106	648864	104.526	ug/l	97
69) o-Xylene	12.166	106	310413	52.838	ug/l	100
70) Styrene	12.178	104	536068	53.594	ug/l	98
71) Bromoform	12.349	173	85327	53.623	ug/l #	98
73) Isopropylbenzene	12.458	105	784794	53.956	ug/l	98
74) N-amyl acetate	12.269	43	218861	55.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	168799	54.674	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	215851	93.262	ug/l #	100
77) Bromobenzene	12.739	156	175725	55.838	ug/l	94
78) n-propylbenzene	12.800	91	946171	52.965	ug/l	97
79) 2-Chlorotoluene	12.891	91	567762	53.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	662438	54.304	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	55578	55.440	ug/l	98
82) 4-Chlorotoluene	12.983	91	607242	54.269	ug/l	99
83) tert-Butylbenzene	13.202	119	545444	52.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	667403	54.053	ug/l	100
85) sec-Butylbenzene	13.379	105	840286	53.849	ug/l	97
86) p-Isopropyltoluene	13.489	119	678429	52.600	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	351418	53.644	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	355887	55.457	ug/l	95
89) n-Butylbenzene	13.818	91	682675	53.955	ug/l	98
90) Hexachloroethane	14.086	117	119559	53.607	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	298333	51.386	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	28873	51.764	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	200130	57.159	ug/l	91
94) Hexachlorobutadiene	15.232	225	86781	52.306	ug/l	97
95) Naphthalene	15.354	128	480165	55.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	166860	52.599	ug/l	97

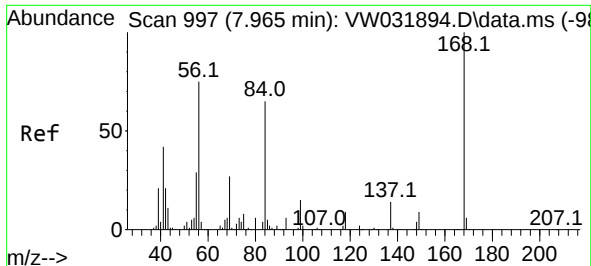
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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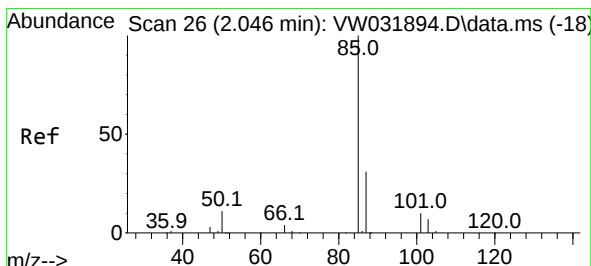
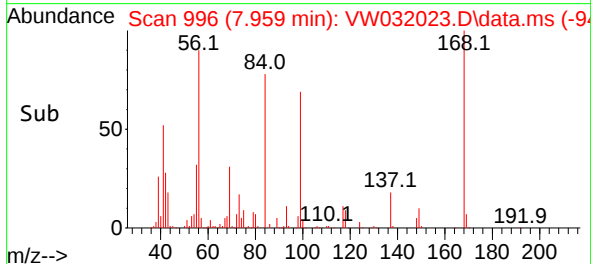
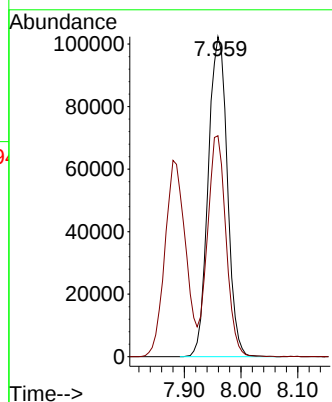
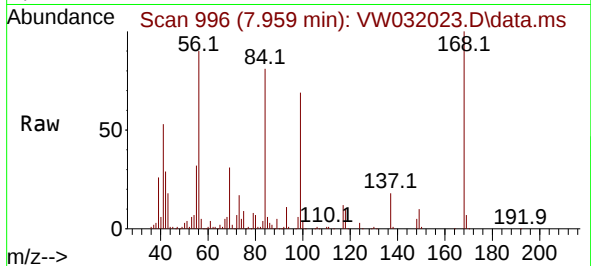
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

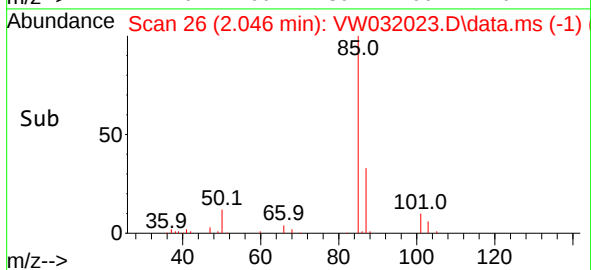
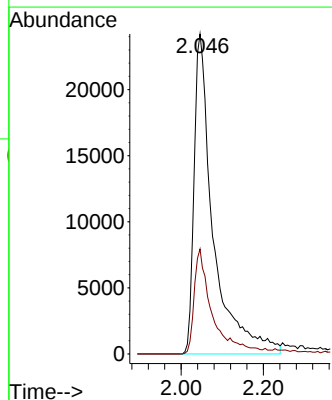
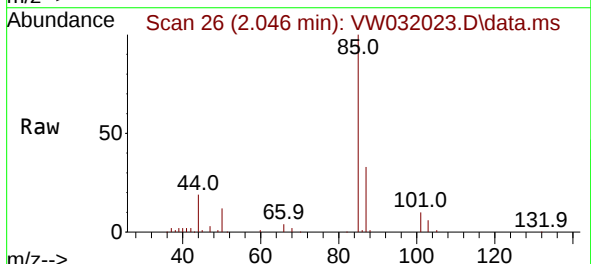
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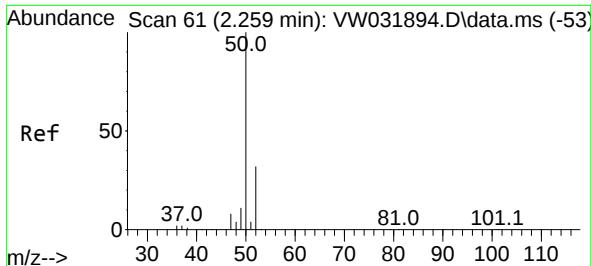
Tgt Ion:168 Resp: 239068
Ion Ratio Lower Upper
168 100
99 69.0 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 44.153 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 85 Resp: 78451
Ion Ratio Lower Upper
85 100
87 32.8 15.5 46.5

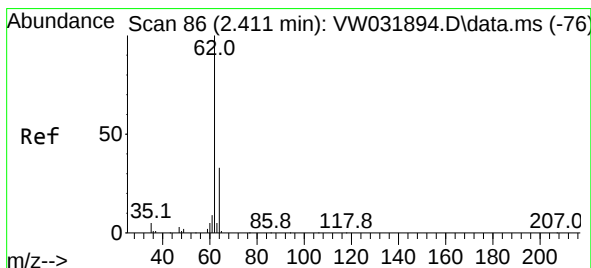
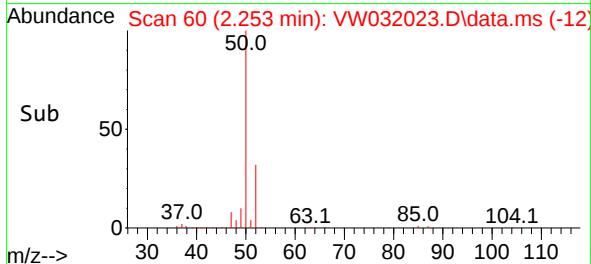
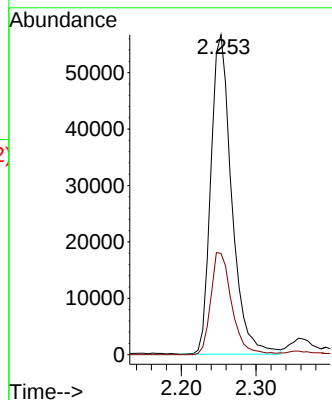
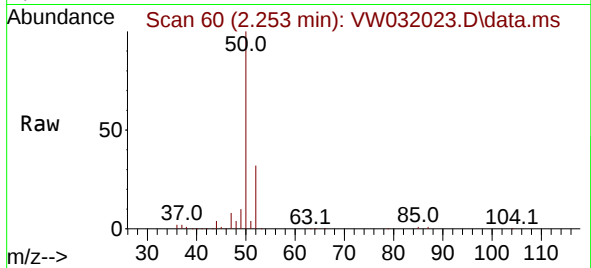




#3
Chloromethane
Concen: 48.139 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

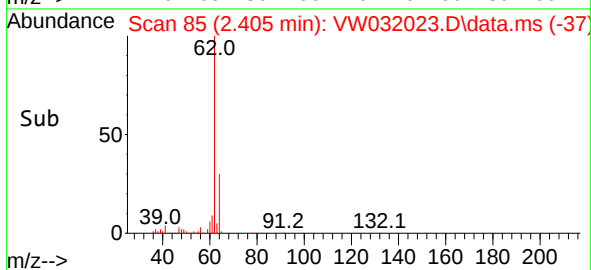
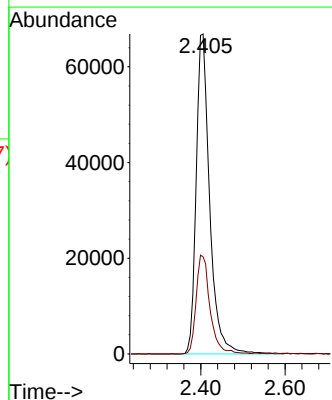
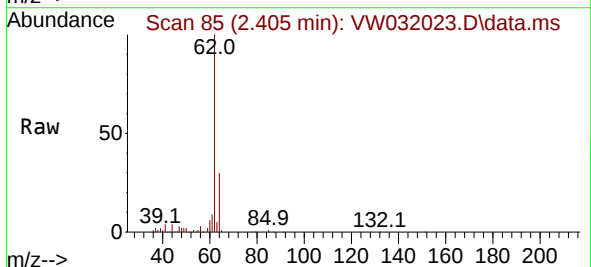
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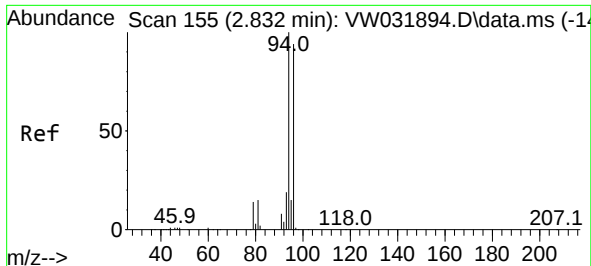
Tgt Ion: 50 Resp: 109784
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5



#4
Vinyl Chloride
Concen: 50.281 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 62 Resp: 148957
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2

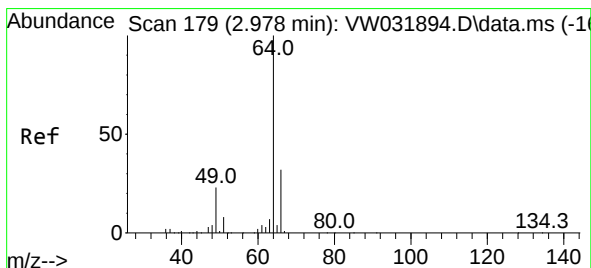
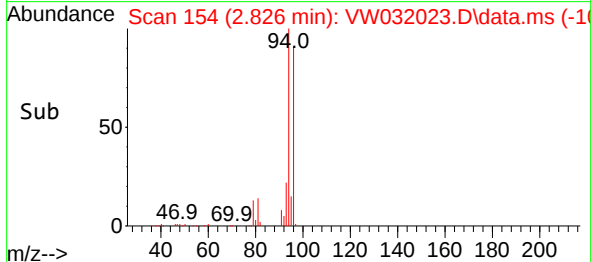
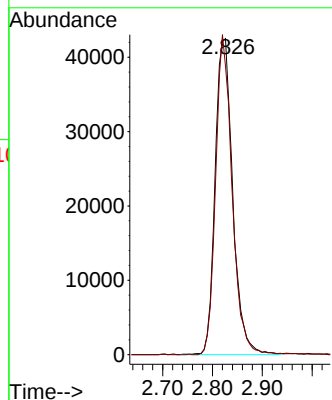
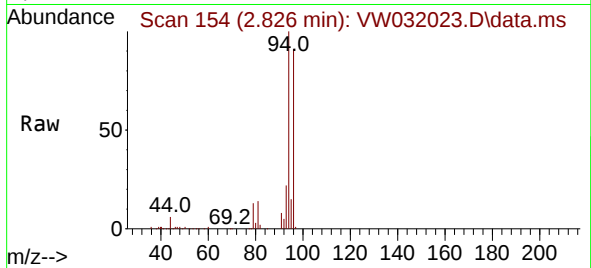




#5
Bromomethane
Concen: 47.778 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

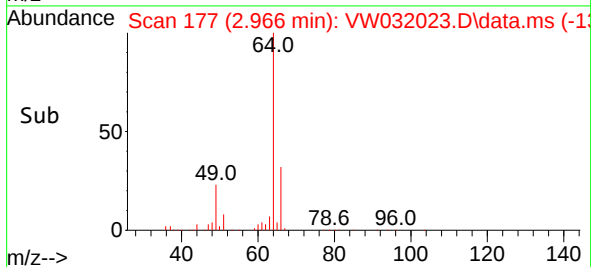
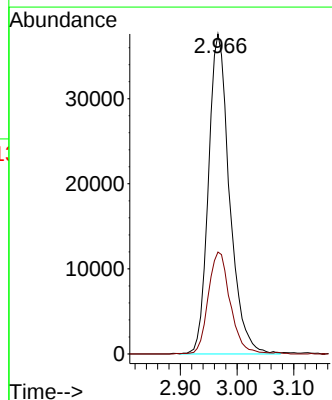
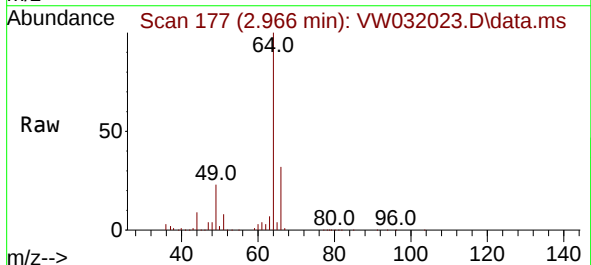
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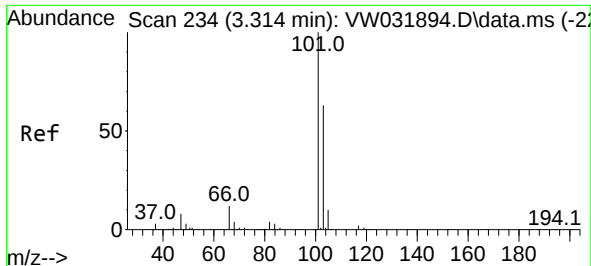
Tgt Ion: 94 Resp: 104228
Ion Ratio Lower Upper
94 100
96 91.3 75.0 112.6



#6
Chloroethane
Concen: 49.710 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 64 Resp: 97195
Ion Ratio Lower Upper
64 100
66 31.7 25.6 38.4

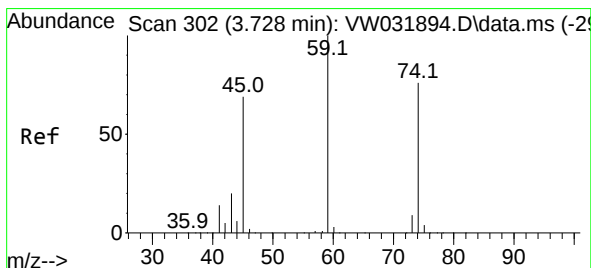
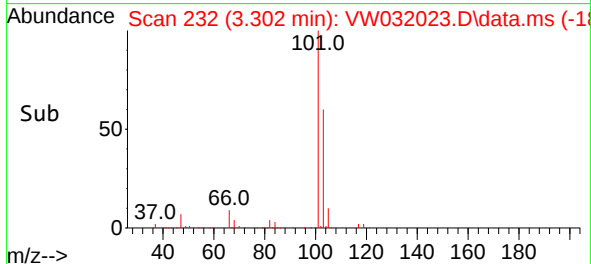
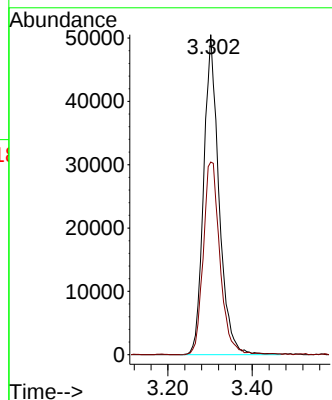
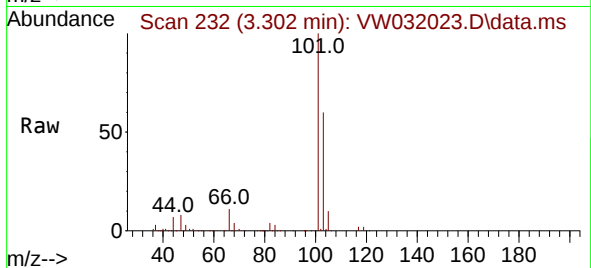




#7
 Trichlorofluoromethane
 Concen: 42.459 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

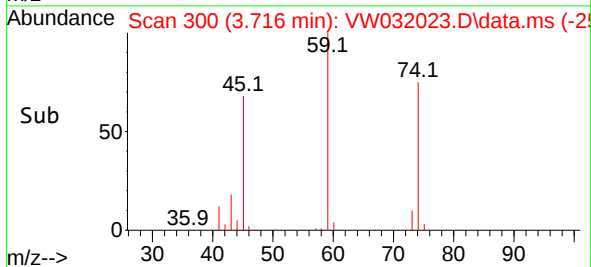
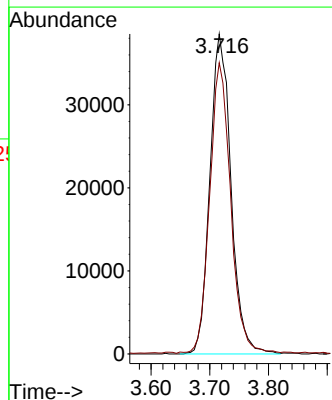
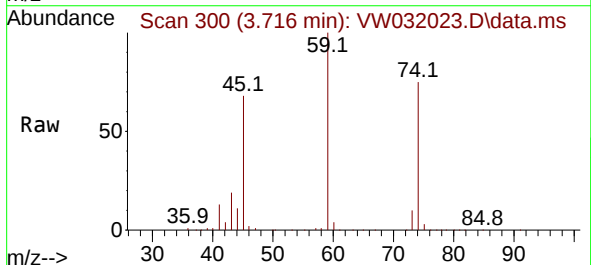
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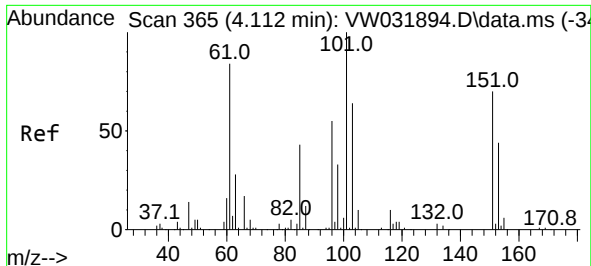
Tgt Ion:101 Resp: 127399
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.941 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion: 74 Resp: 96089
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.5 136.5

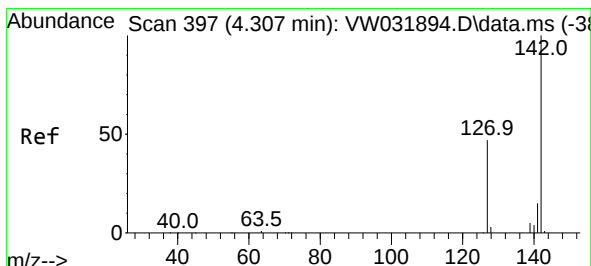
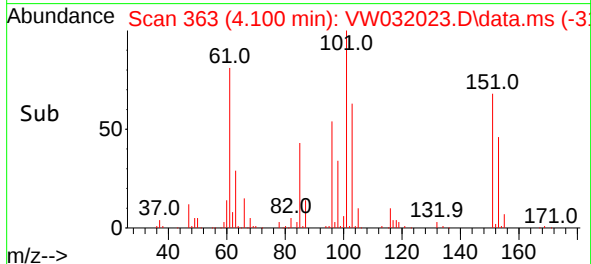
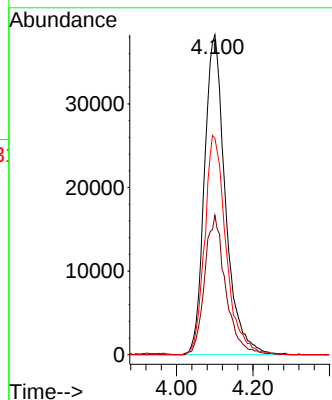
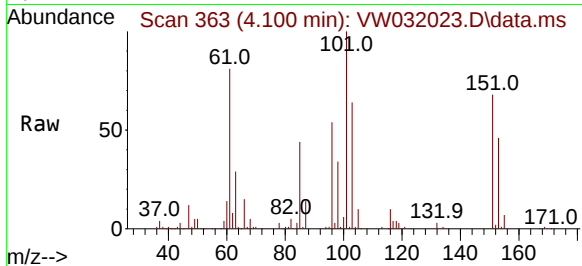




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.475 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.012 min
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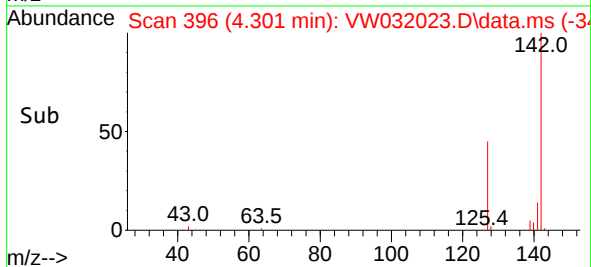
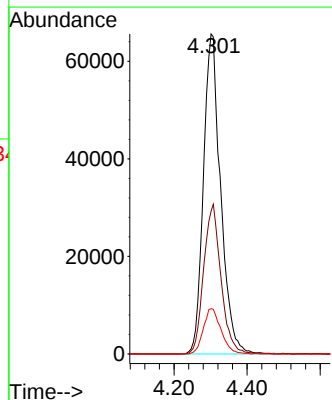
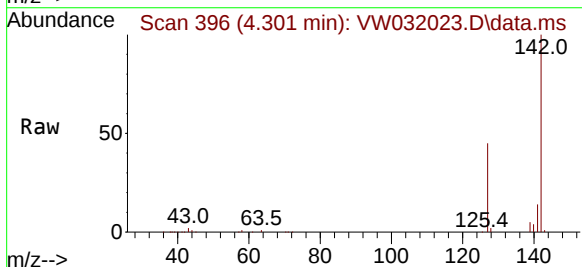
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

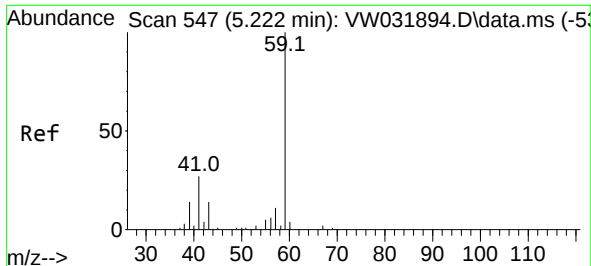
Tgt Ion:101 Resp: 145677
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 69.9 54.6 81.8



#10
Methyl Iodide
Concen: 49.631 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:142 Resp: 214163
Ion Ratio Lower Upper
142 100
127 46.9 37.4 56.2
141 14.6 11.9 17.9

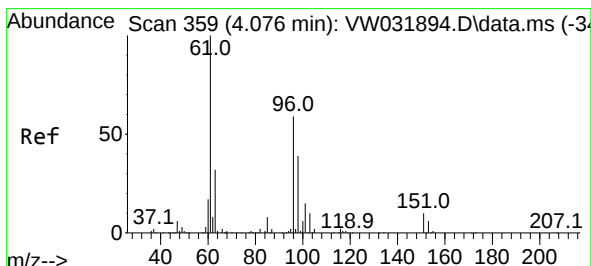
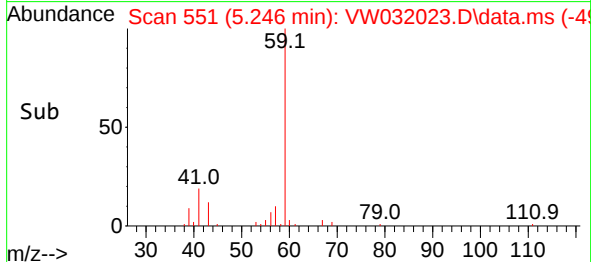
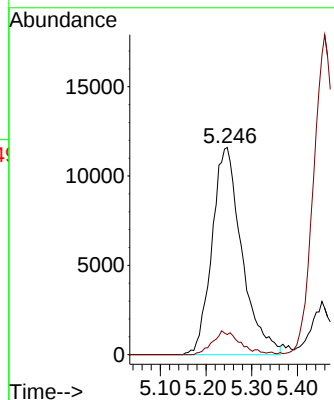
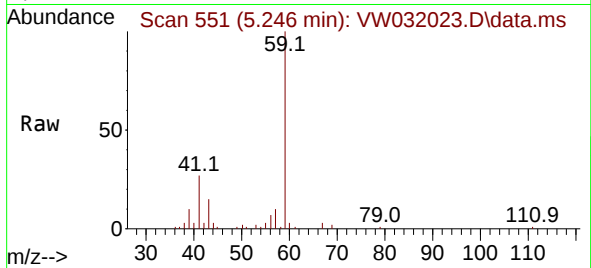




#11
Tert butyl alcohol
Concen: 247.020 ug/l
RT: 5.246 min Scan# 511
Delta R.T. 0.024 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

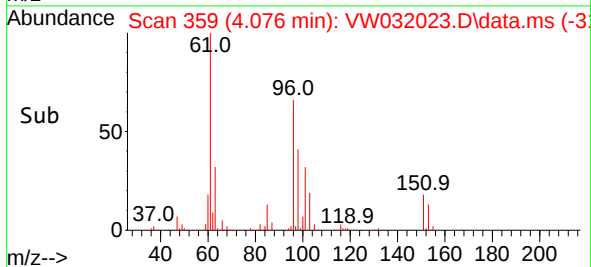
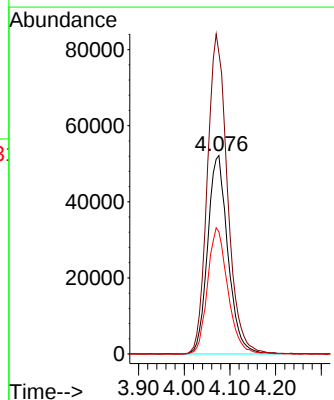
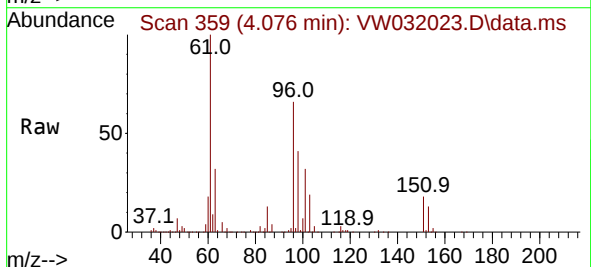
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 52512
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.449 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 96 Resp: 160820
Ion Ratio Lower Upper
96 100
61 151.7 135.0 202.6
98 61.5 52.3 78.5

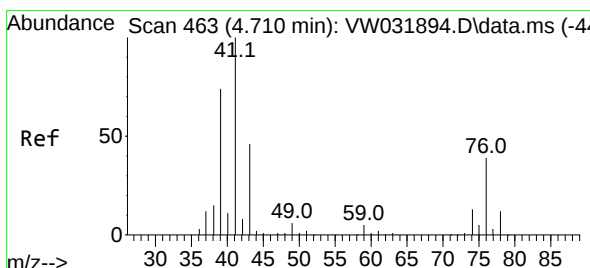
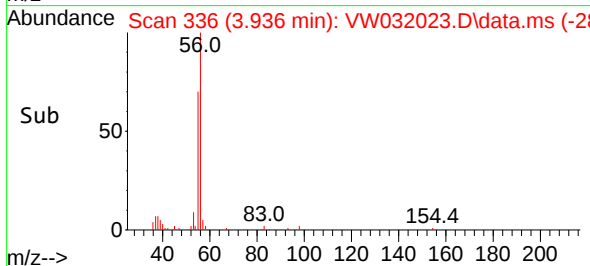
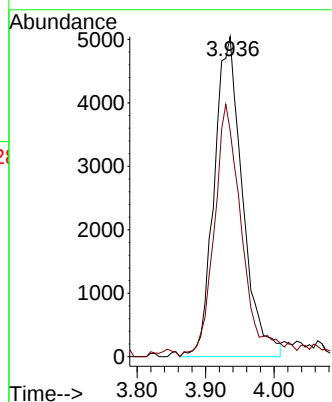
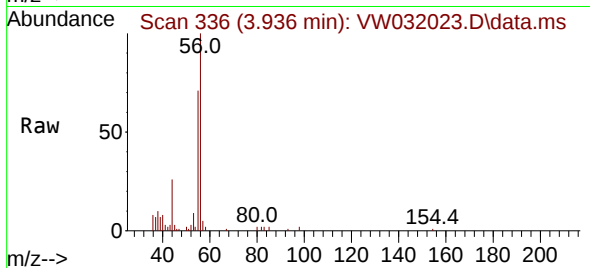




#13
Acrolein
Concen: 40.765 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

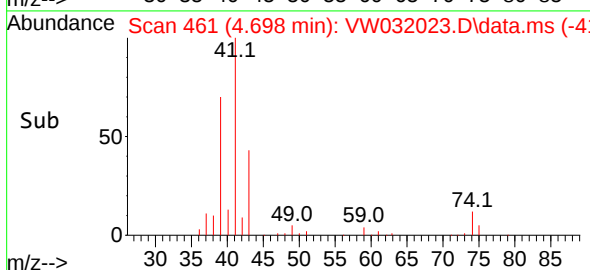
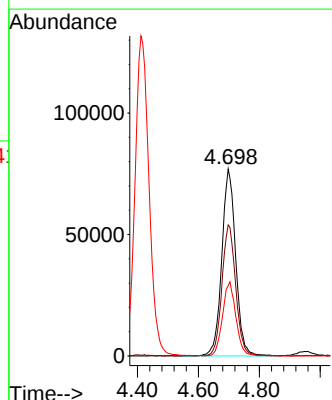
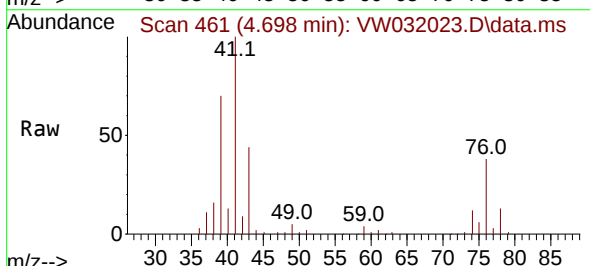
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

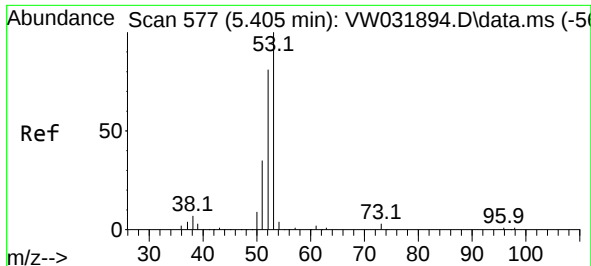
Tgt Ion: 56 Resp: 14448
Ion Ratio Lower Upper
56 100
55 77.4 56.7 85.1



#14
Allyl chloride
Concen: 49.247 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 41 Resp: 244382
Ion Ratio Lower Upper
41 100
39 69.5 56.6 85.0
76 38.0 30.1 45.1

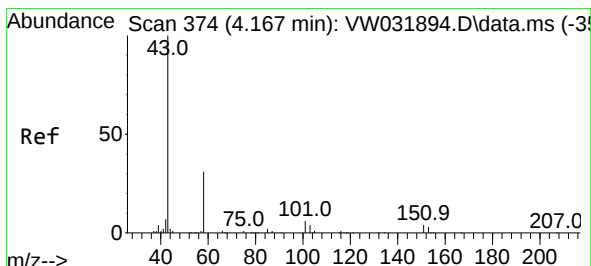
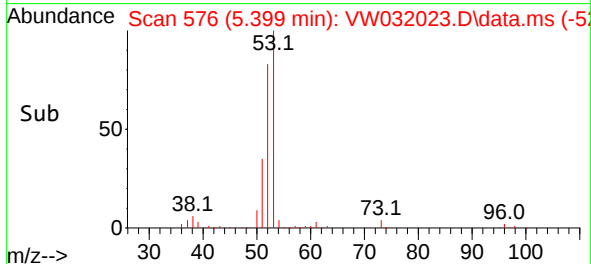
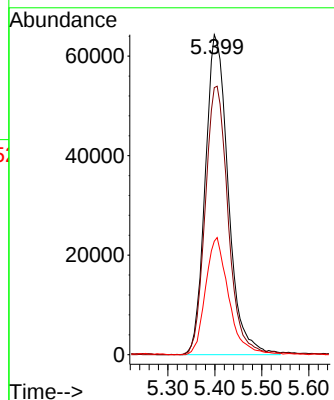
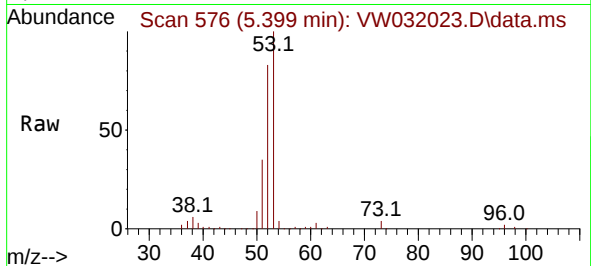




#15
Acrylonitrile
Concen: 243.674 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

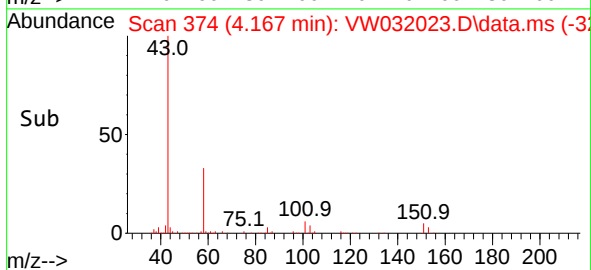
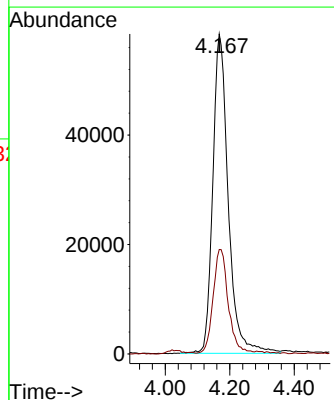
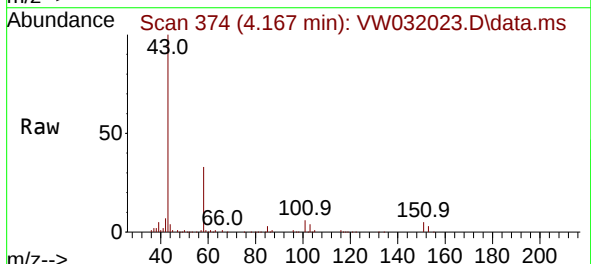
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

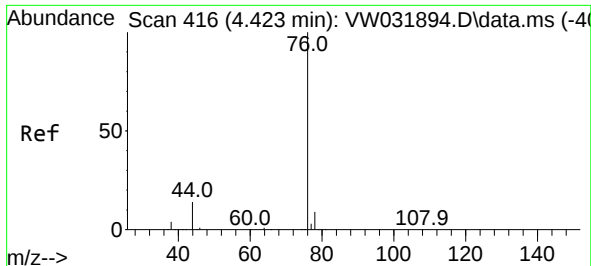
Tgt Ion: 53 Resp: 218354
Ion Ratio Lower Upper
53 100
52 83.7 67.0 100.4
51 37.0 29.9 44.9



#16
Acetone
Concen: 226.256 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 43 Resp: 194168
Ion Ratio Lower Upper
43 100
58 32.5 25.5 38.3

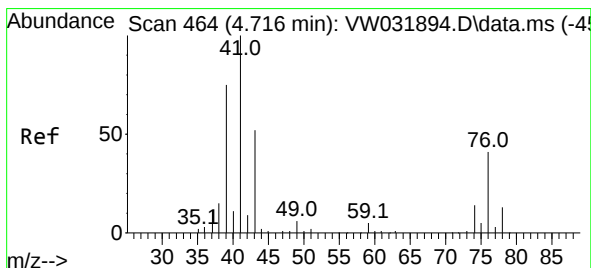
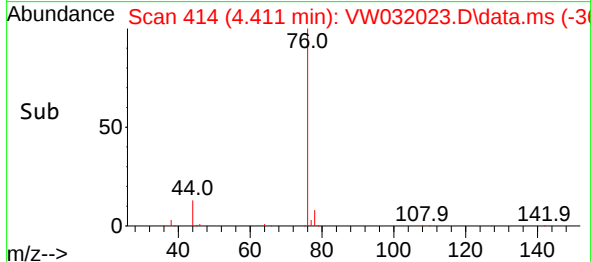
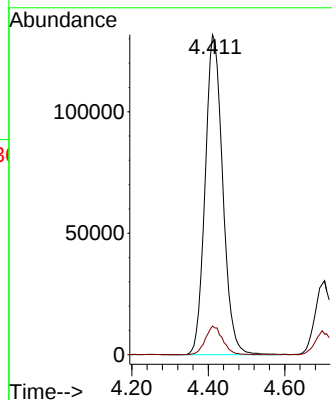
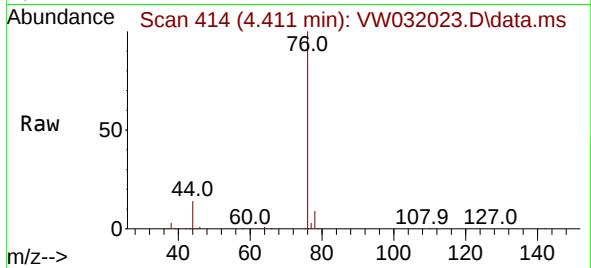




#17
Carbon Disulfide
Concen: 50.771 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

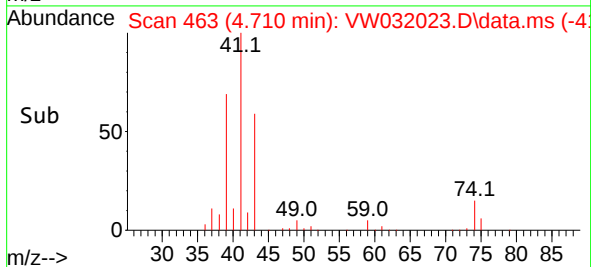
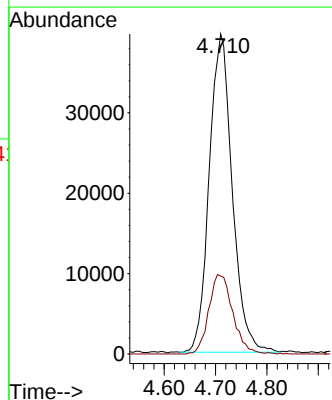
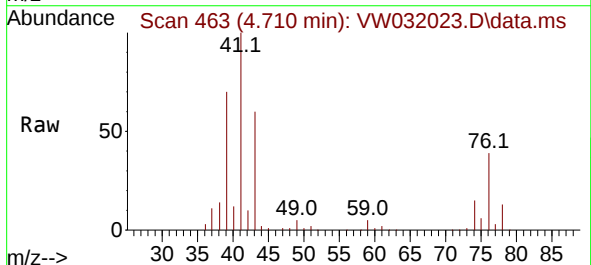
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

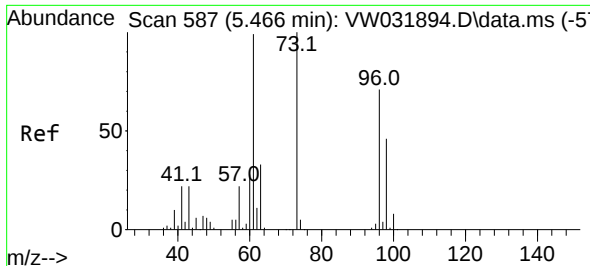
Tgt Ion: 76 Resp: 419740
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 52.145 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 43 Resp: 123287
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

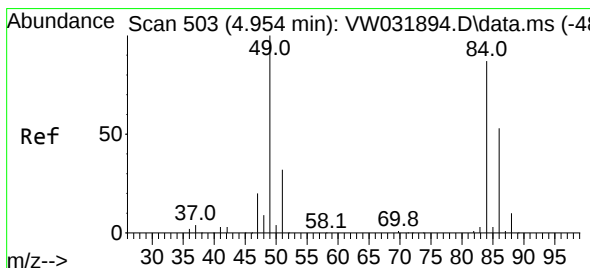
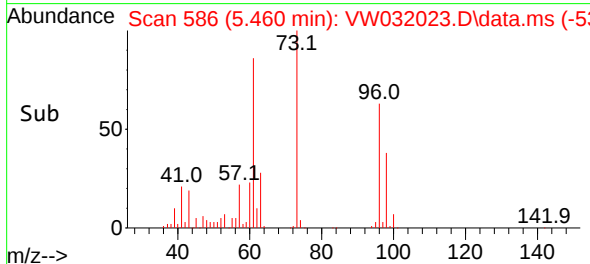
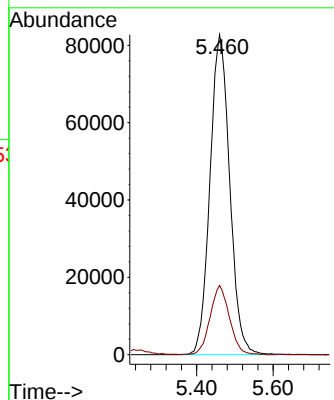
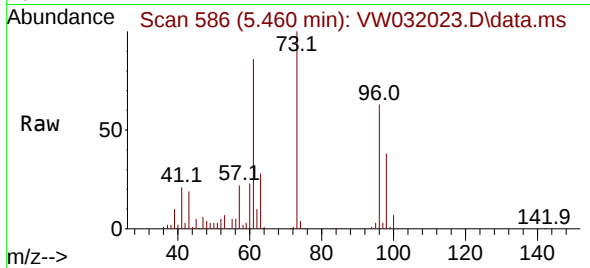




#19
Methyl tert-butyl Ether
Concen: 53.859 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

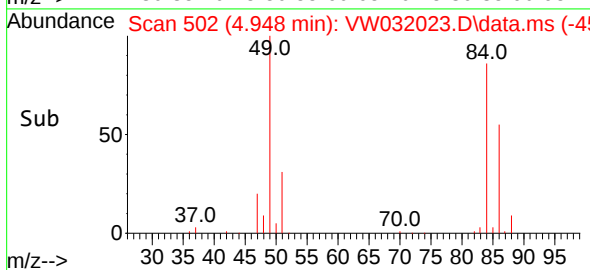
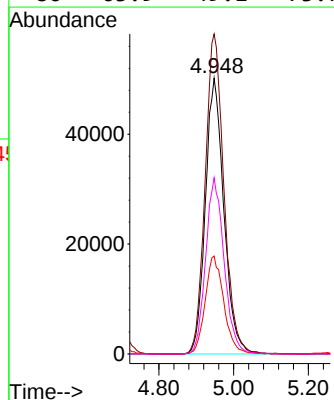
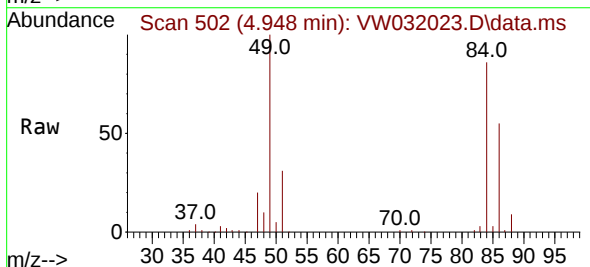
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

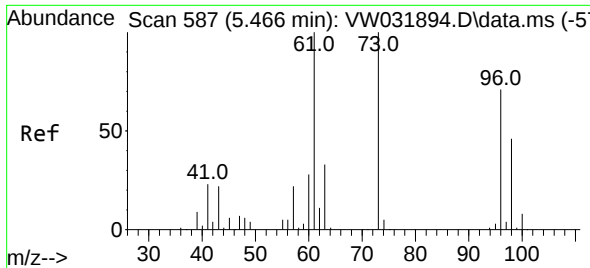
Tgt Ion: 73 Resp: 296648
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 46.711 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 84 Resp: 172567
Ion Ratio Lower Upper
84 100
49 116.1 91.9 137.9
51 35.5 29.0 43.6
86 63.9 49.1 73.7

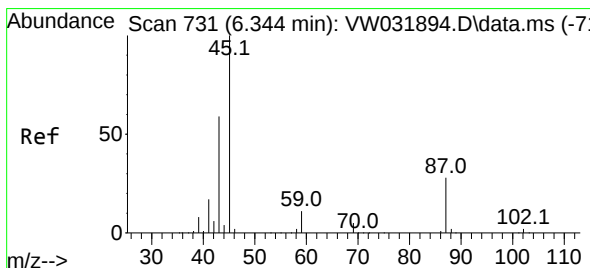
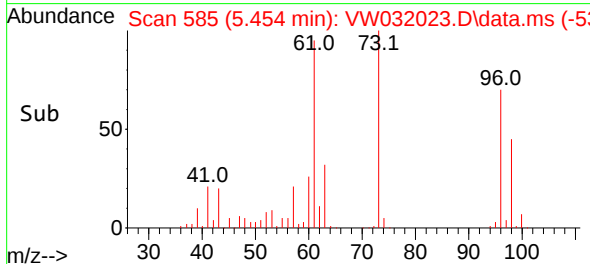
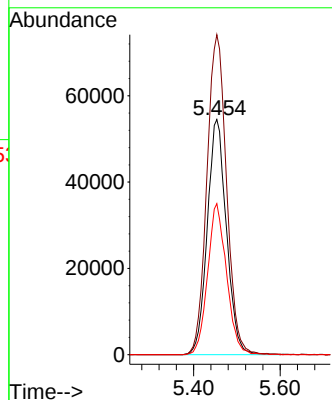
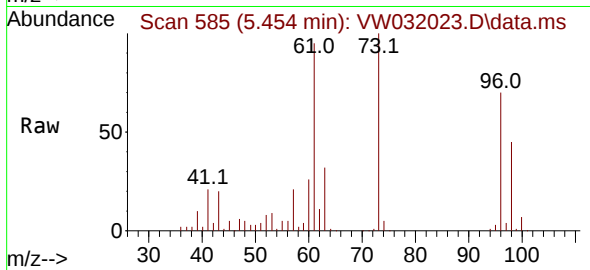




#21
trans-1,2-Dichloroethene
Concen: 49.545 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

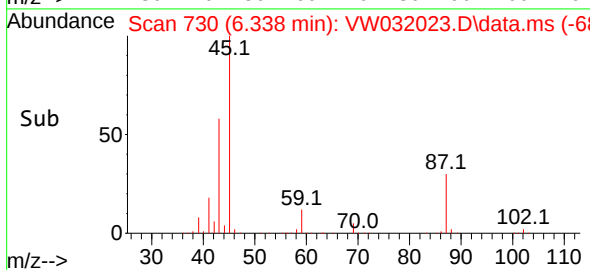
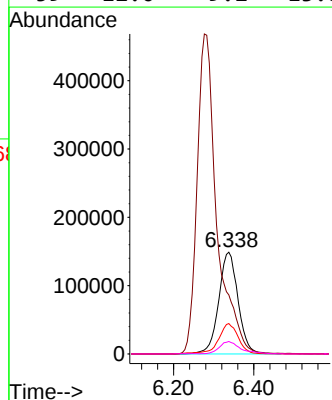
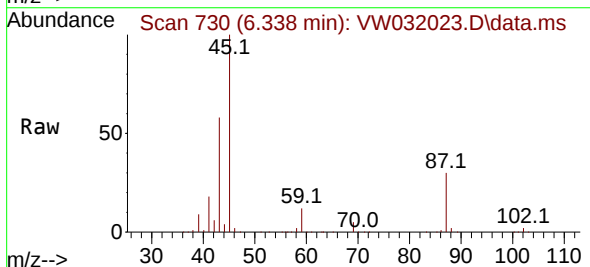
Instrument :
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ClientSampleId :
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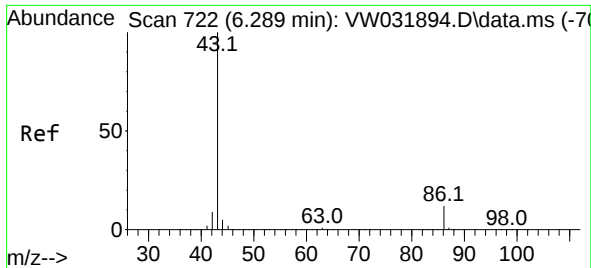
Tgt Ion: 96 Resp: 167572
Ion Ratio Lower Upper
96 100
61 136.0 112.8 169.2
98 64.2 51.9 77.9



#22
Diisopropyl ether
Concen: 50.200 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 45 Resp: 498470
Ion Ratio Lower Upper
45 100
43 57.7 47.0 70.6
87 29.8 22.8 34.2
59 12.0 9.2 13.8

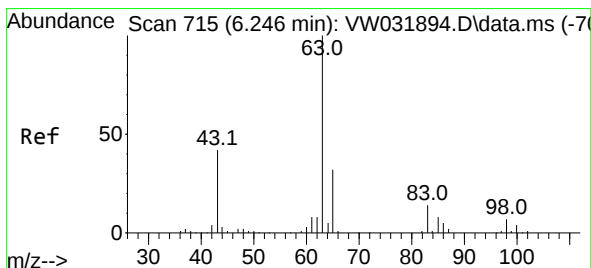
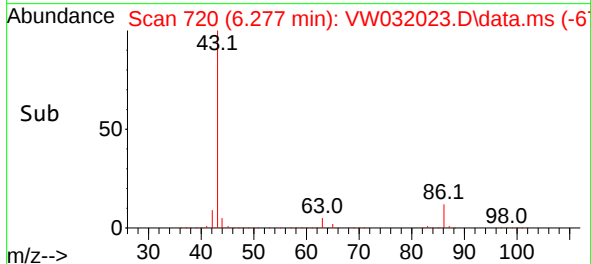
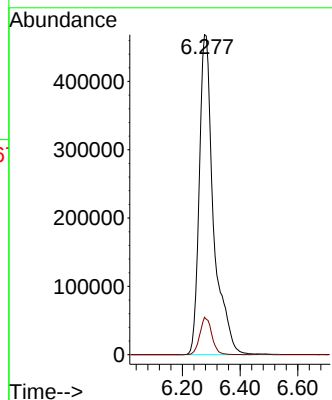
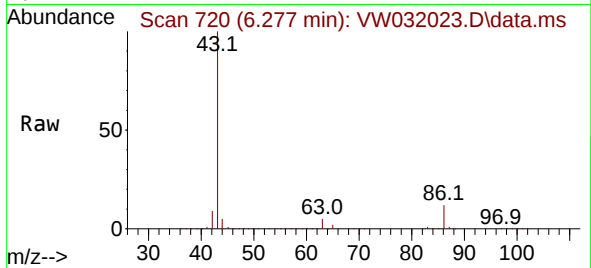




#23
 Vinyl Acetate
 Concen: 247.850 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

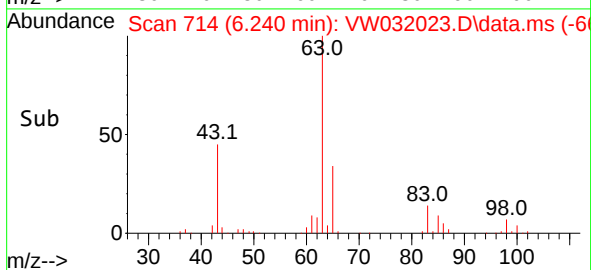
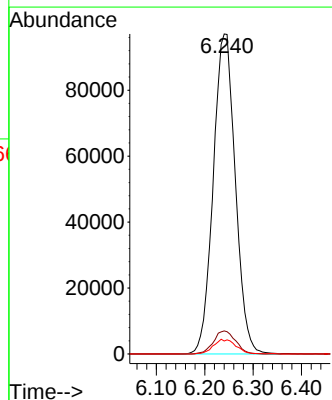
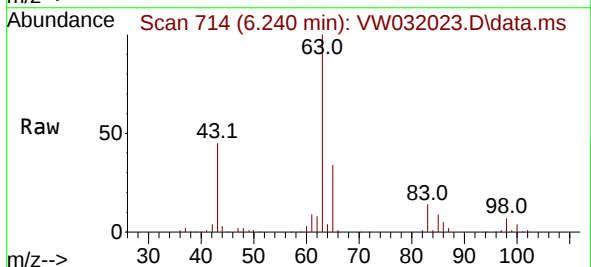
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

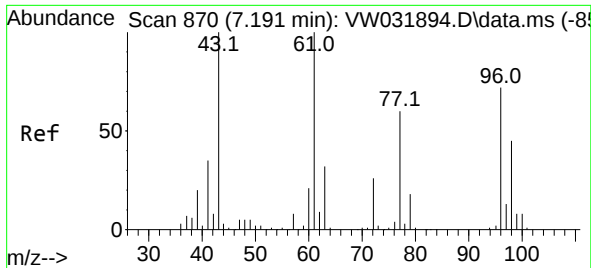
Tgt Ion: 43 Resp: 1607871
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 49.841 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion: 63 Resp: 308135
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.1 2.2 6.6

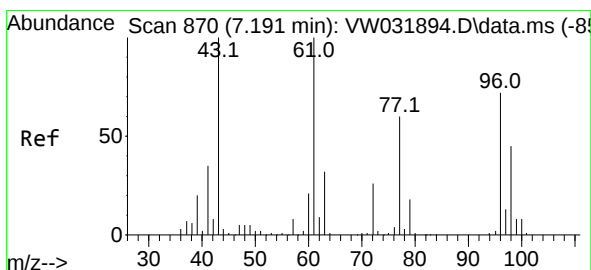
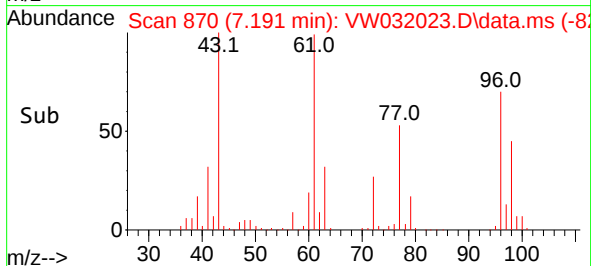
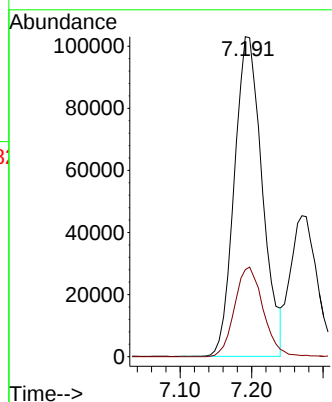
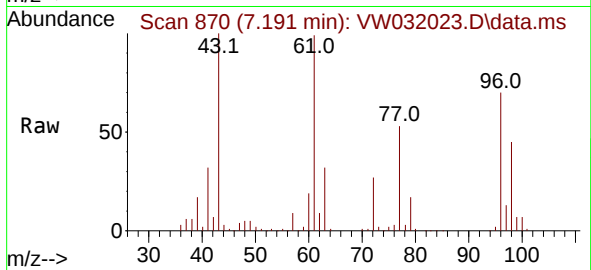




#25
2-Butanone
Concen: 237.745 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

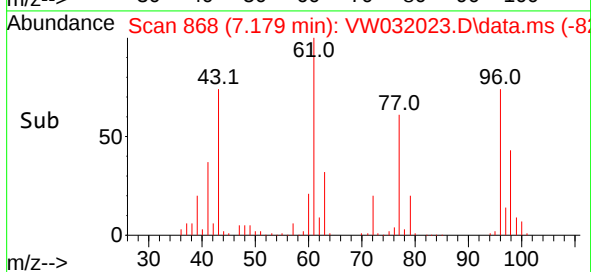
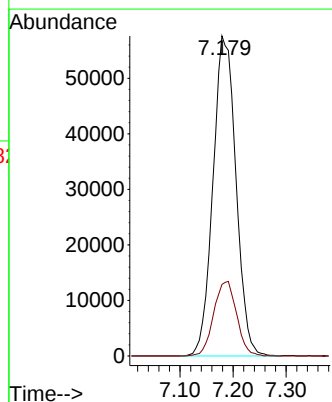
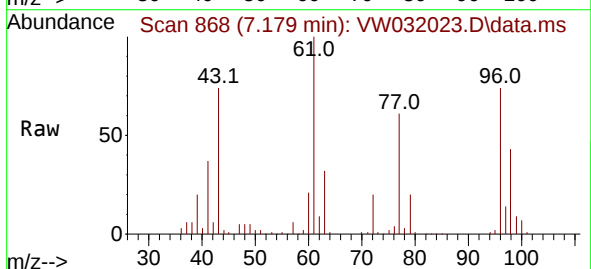
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

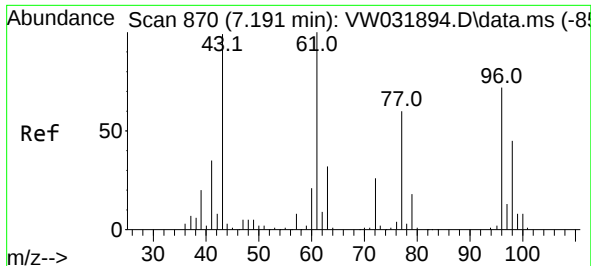
Tgt Ion: 43 Resp: 279155
Ion Ratio Lower Upper
43 100
72 27.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 49.515 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 77 Resp: 173307
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1



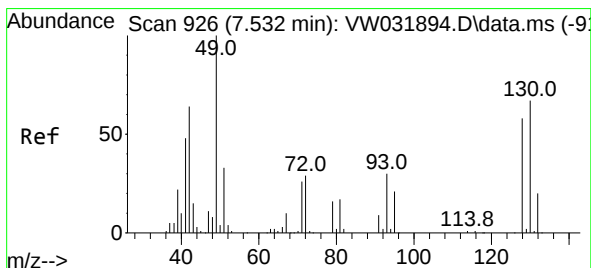
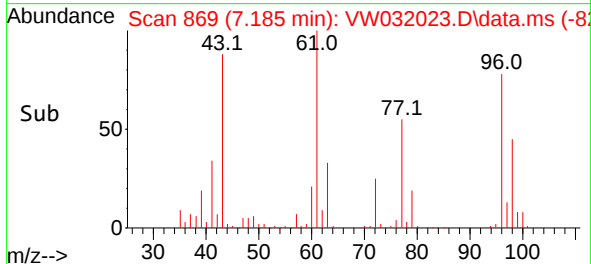
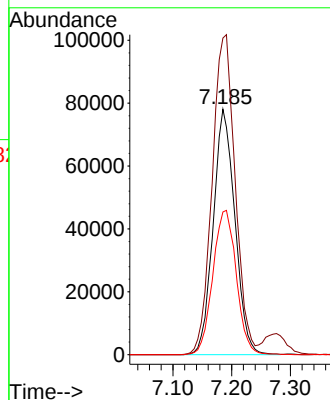
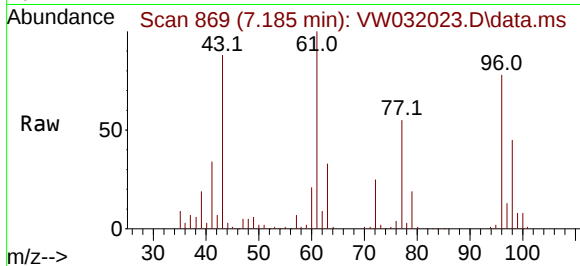


#27
 cis-1,2-Dichloroethene
 Concen: 50.398 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 200395

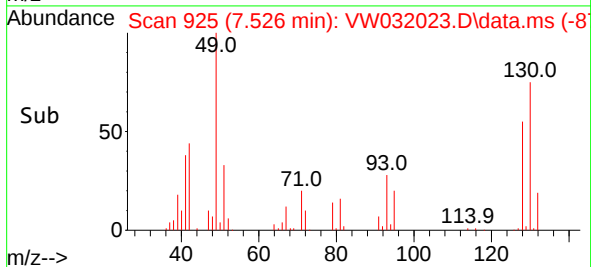
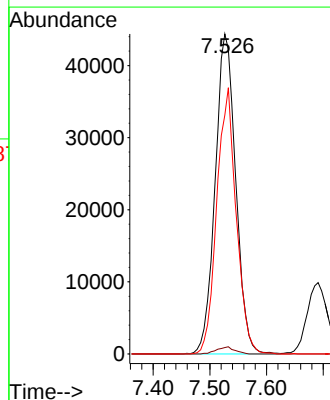
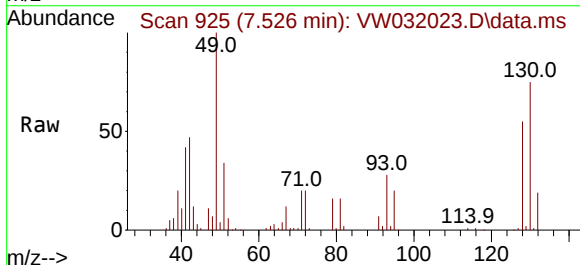
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	280.2
98	63.7	0.0	126.8

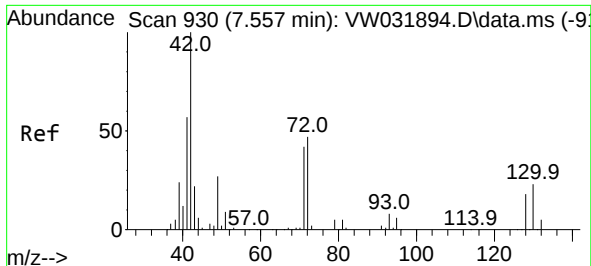


#28
 Bromochloromethane
 Concen: 43.159 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion: 49 Resp: 111719

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	78.6	59.0	88.4





#29

Tetrahydrofuran

Concen: 242.410 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

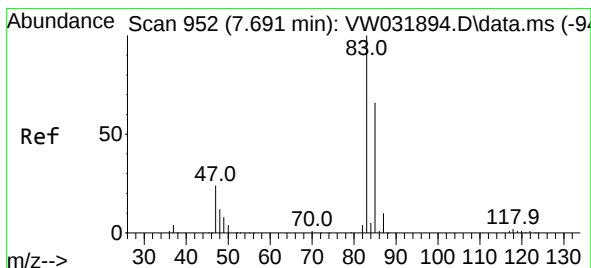
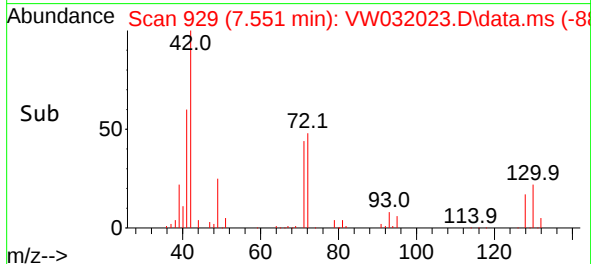
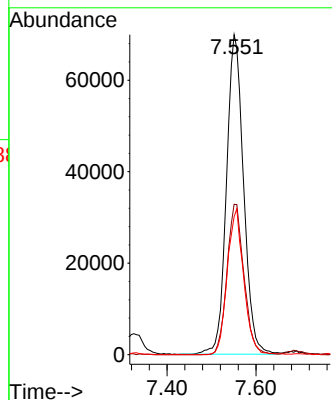
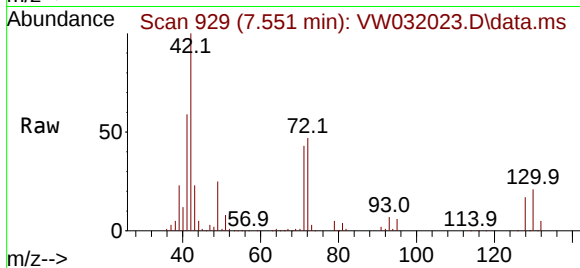
Tgt Ion: 42 Resp: 186613

Ion Ratio Lower Upper

42 100

72 46.8 37.0 55.6

71 43.9 34.5 51.7



#30

Chloroform

Concen: 49.875 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032023.D

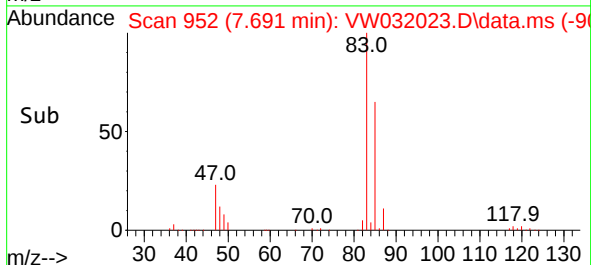
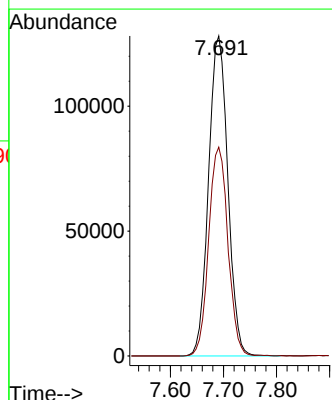
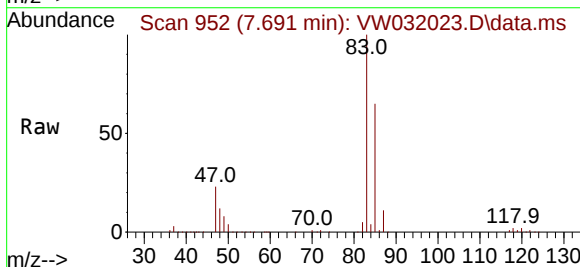
Acq: 06 Aug 2025 09:34

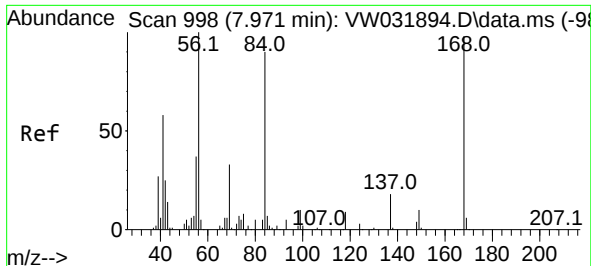
Tgt Ion: 83 Resp: 323303

Ion Ratio Lower Upper

83 100

85 65.2 52.6 78.8

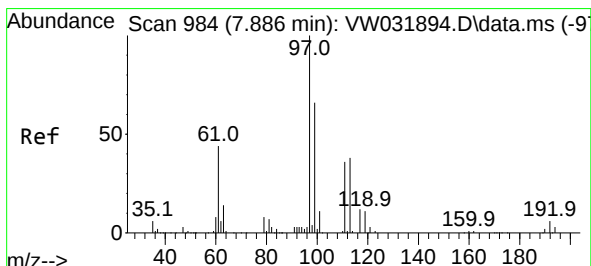
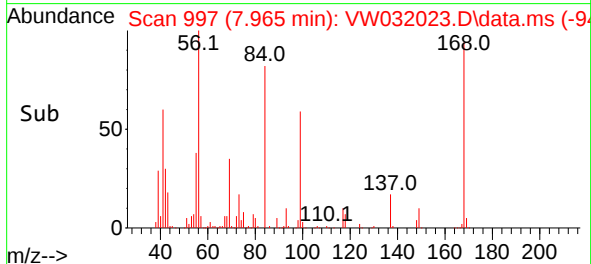
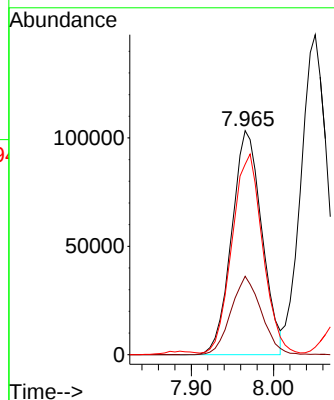
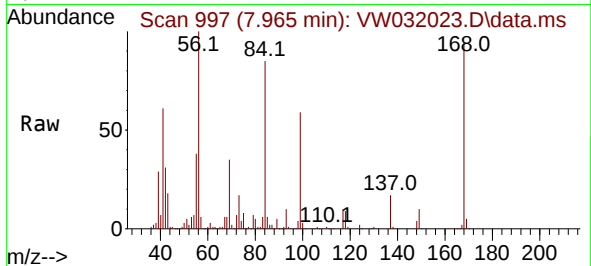




#31
Cyclohexane
Concen: 47.583 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

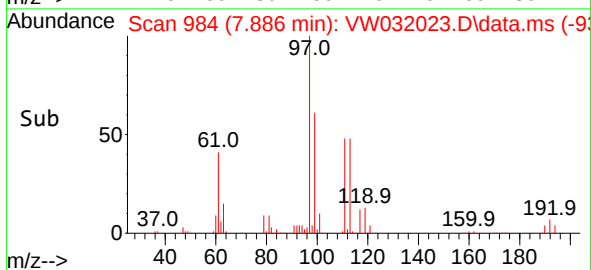
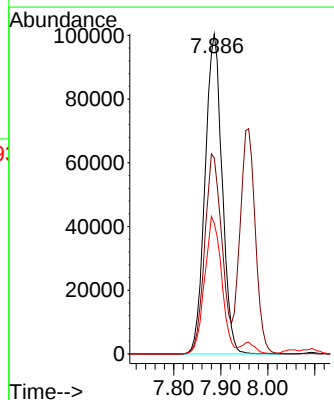
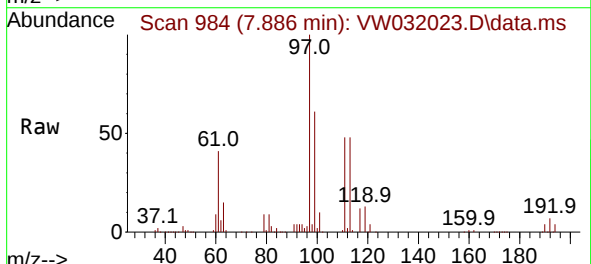
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

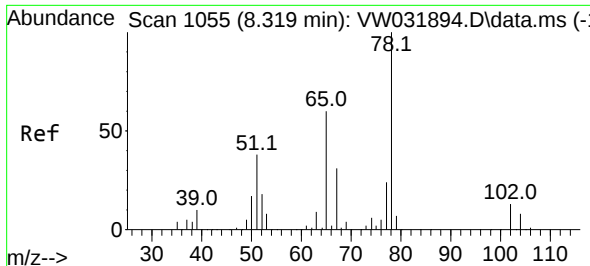
Tgt Ion: 56 Resp: 263922
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 83.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.166 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 97 Resp: 252386
Ion Ratio Lower Upper
97 100
99 63.3 53.0 79.4
61 43.0 35.4 53.0

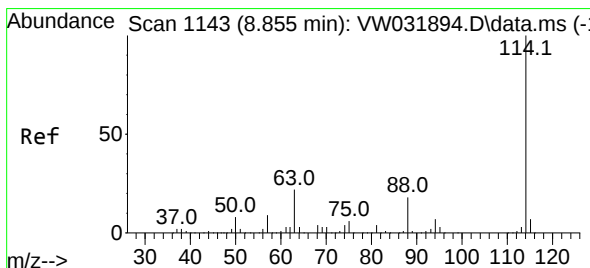
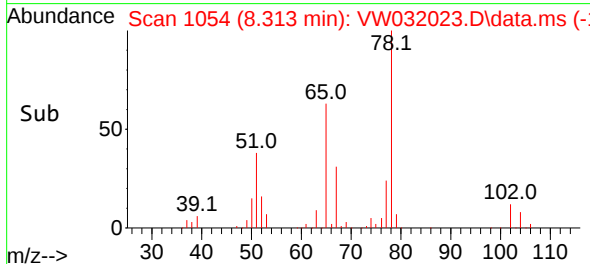
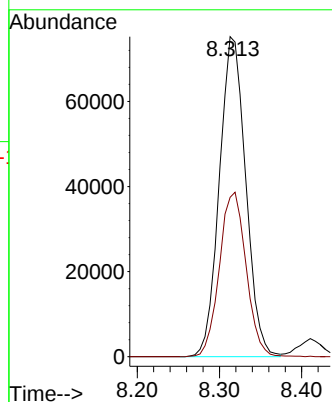
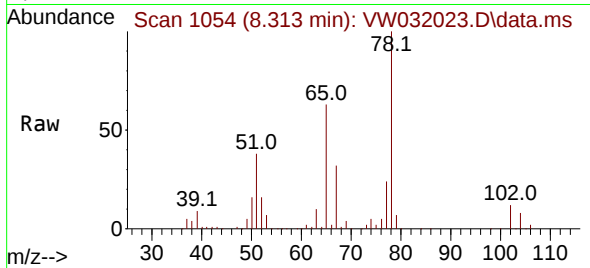




#33
 1,2-Dichloroethane-d4
 Concen: 46.428 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

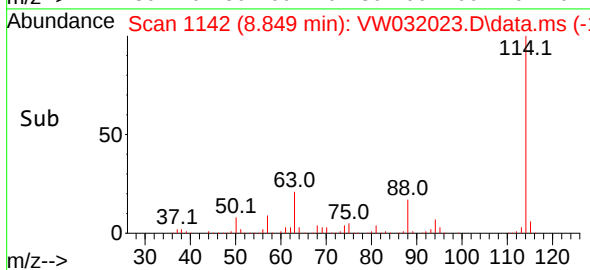
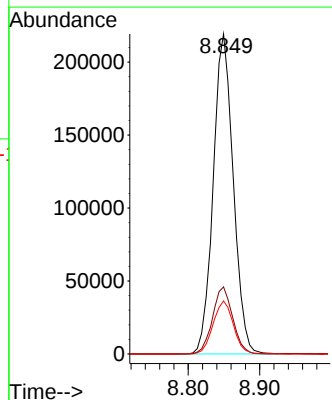
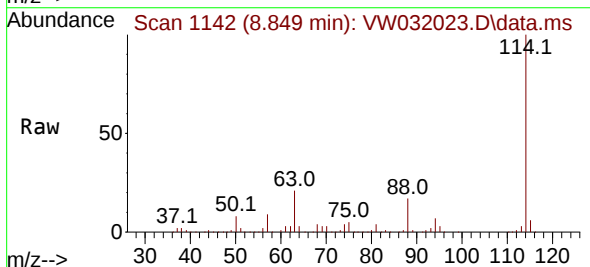
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

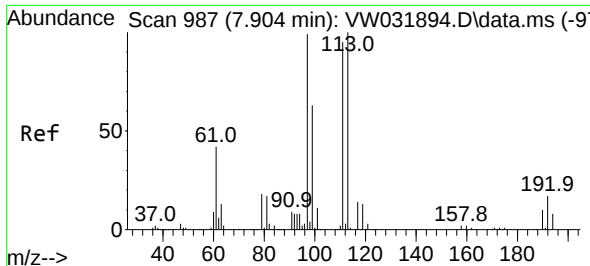
Tgt Ion: 65 Resp: 167908
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion: 114 Resp: 426793
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.5 0.0 35.6

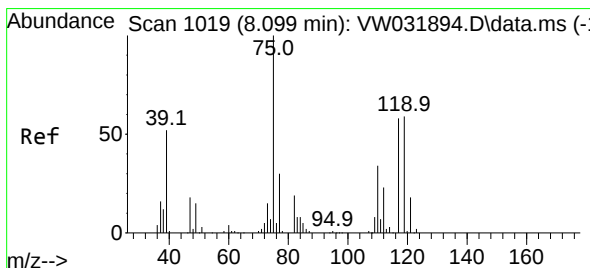
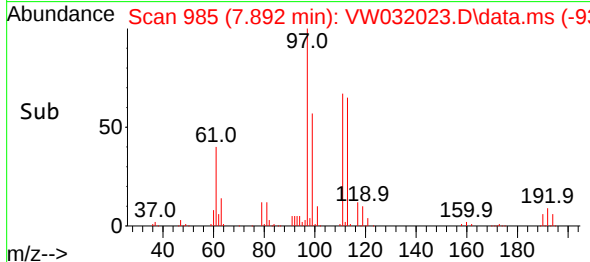
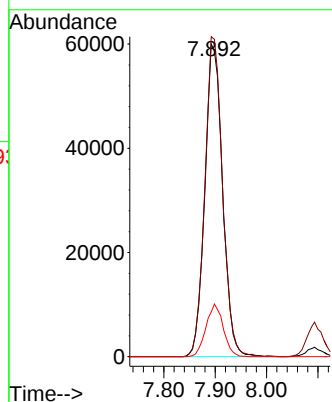
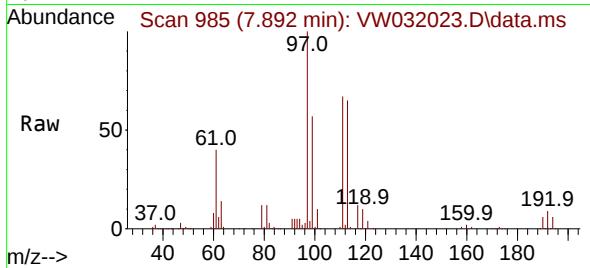




#35
 Dibromofluoromethane
 Concen: 49.746 ug/l
 RT: 7.892 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

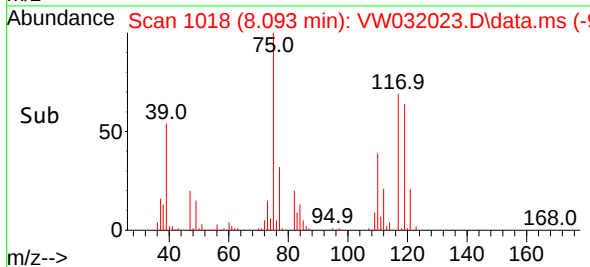
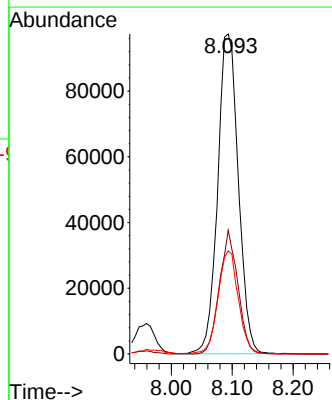
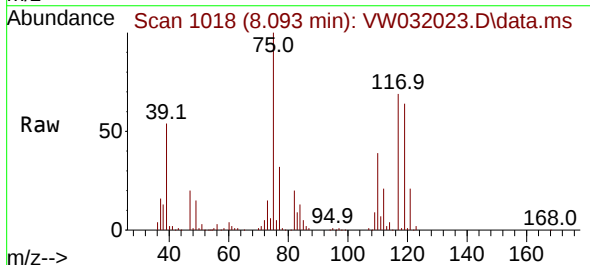
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

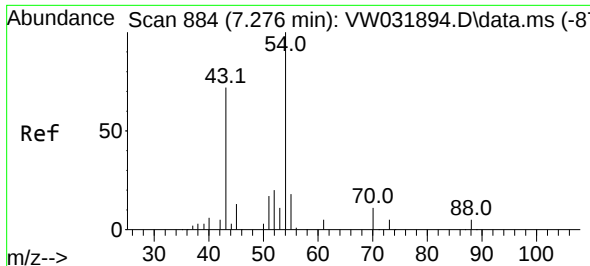
Tgt Ion:113 Resp: 144268
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.9 119.9
 192 16.4 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 51.566 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion: 75 Resp: 229662
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.0 50.9
 77 31.7 25.1 37.7

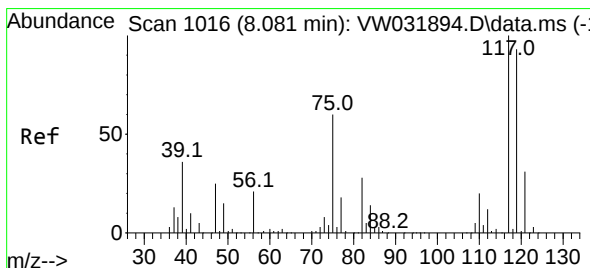
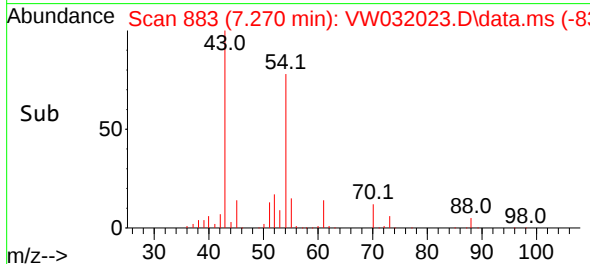
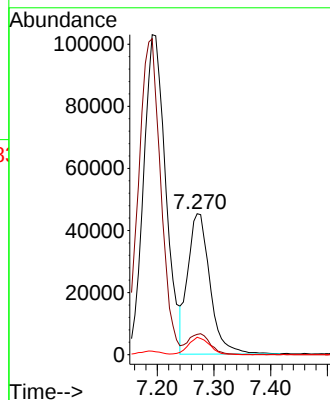
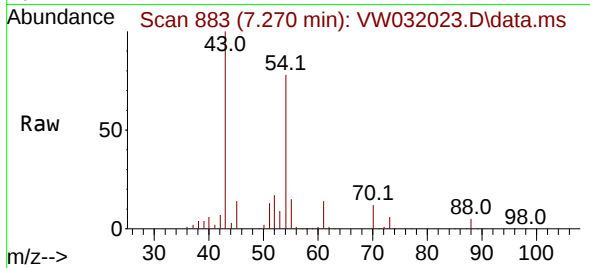




#37
Ethyl Acetate
Concen: 48.211 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

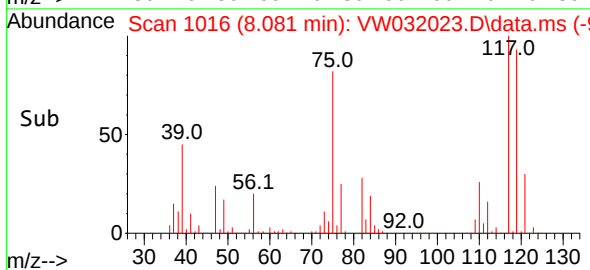
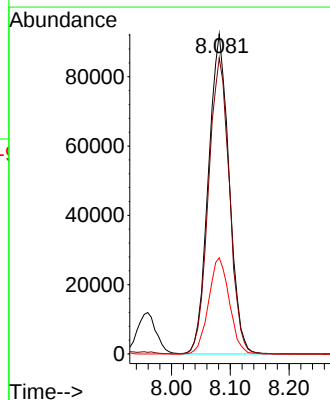
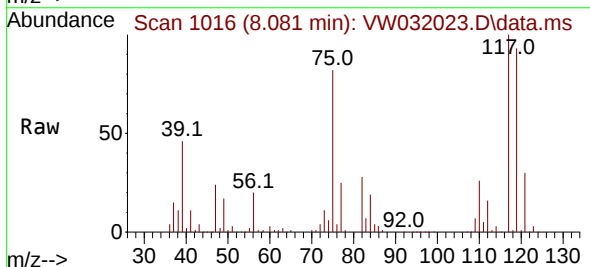
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

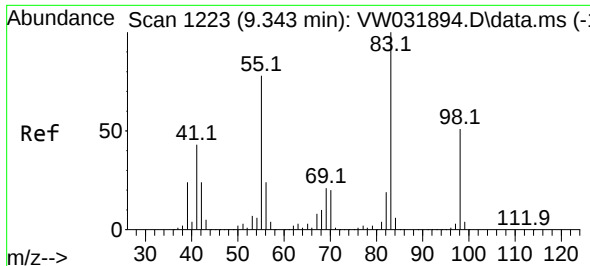
Tgt Ion: 43 Resp: 122489
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 11.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.923 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 117 Resp: 226210
Ion Ratio Lower Upper
117 100
119 92.5 74.3 111.5
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 52.298 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

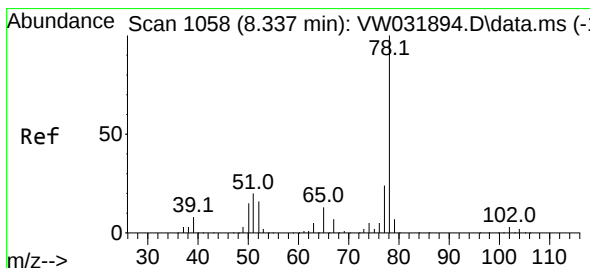
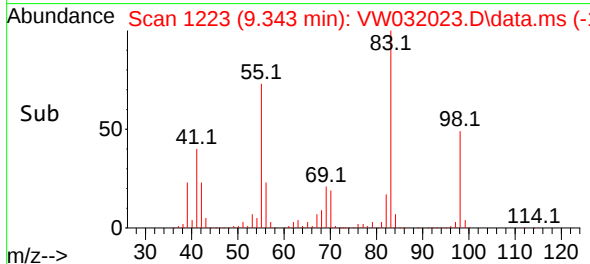
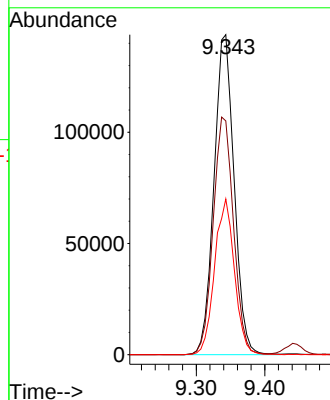
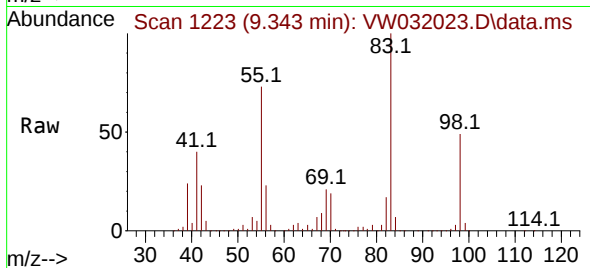
Tgt Ion: 83 Resp: 293124

Ion Ratio Lower Upper

83 100

55 73.1 62.5 93.7

98 48.7 40.6 61.0



#40

Benzene

Concen: 52.168 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032023.D

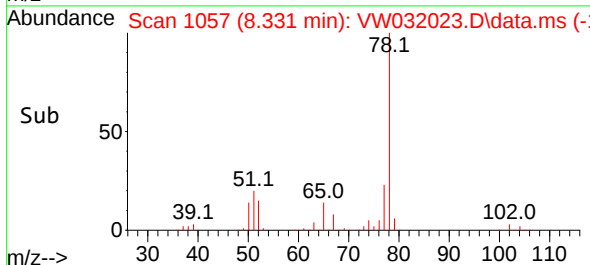
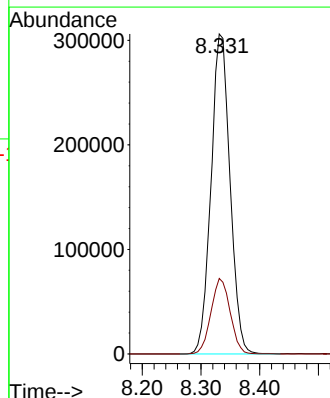
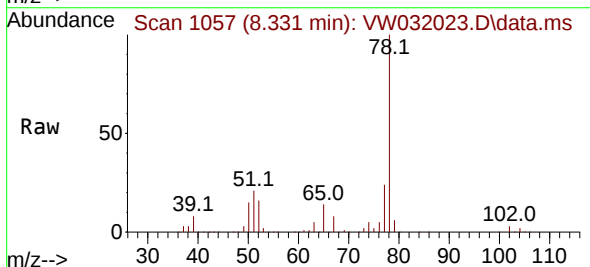
Acq: 06 Aug 2025 09:34

Tgt Ion: 78 Resp: 687780

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

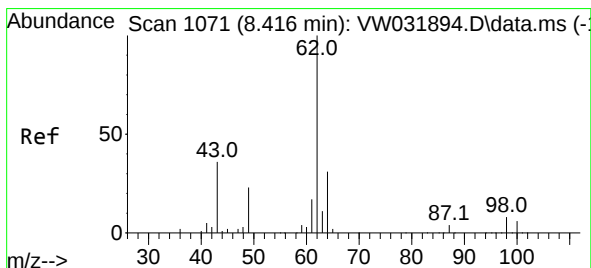
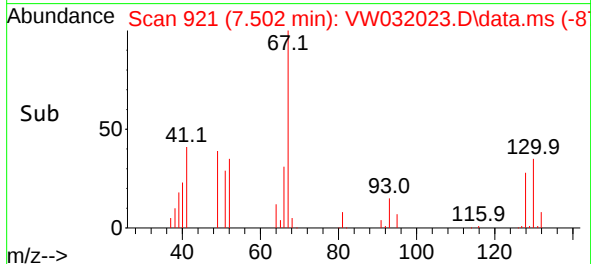
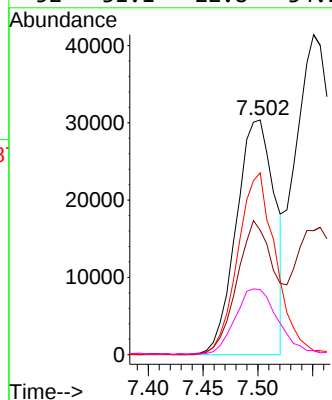
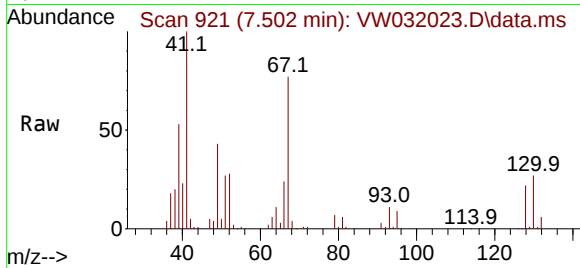




#41
Methacrylonitrile
Concen: 48.872 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

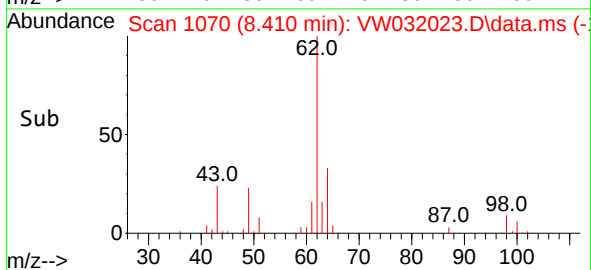
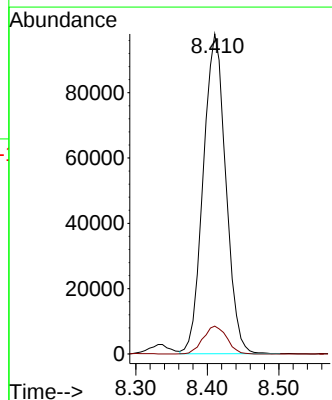
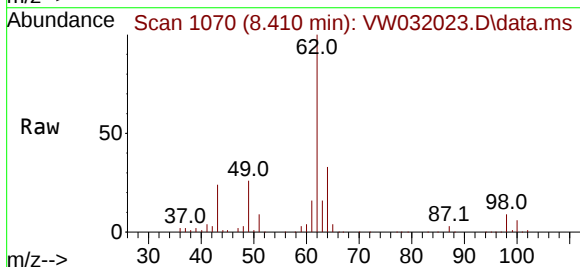
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

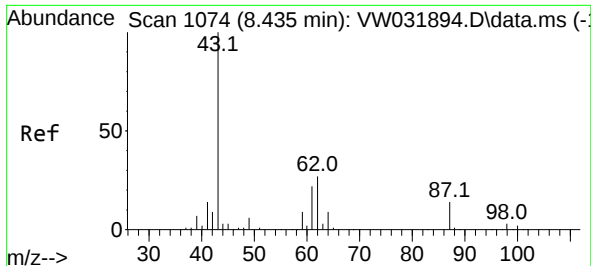
Tgt Ion:	41	Resp:	74330
Ion	Ratio	Lower	Upper
41	100		
39	57.9	41.1	61.7
67	77.2	56.2	84.4
52	31.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.865 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:	62	Resp:	214624
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

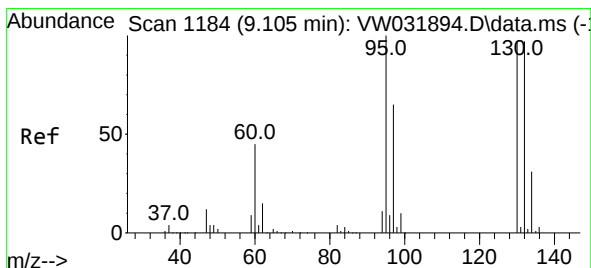
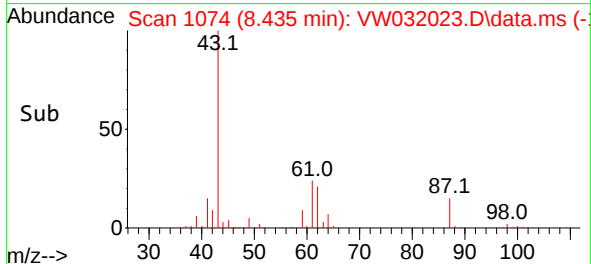
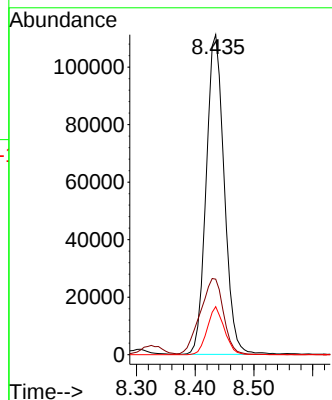
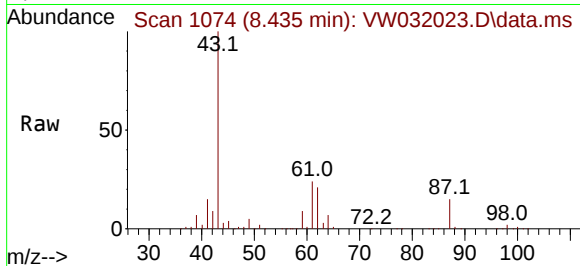




#43
Isopropyl Acetate
Concen: 51.412 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

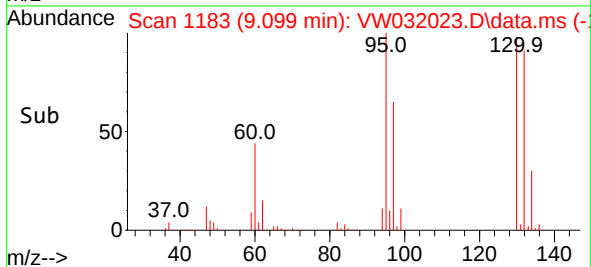
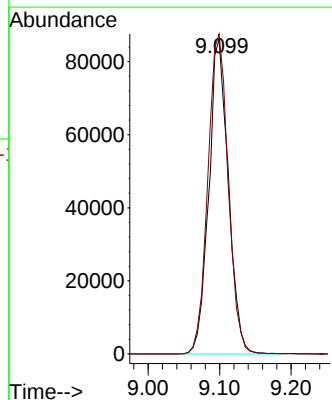
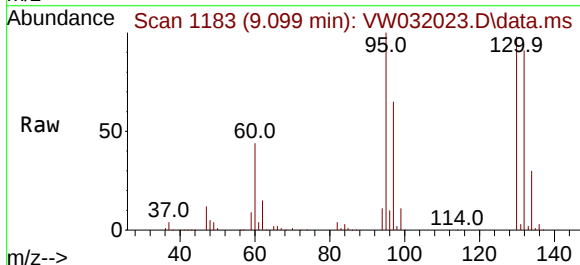
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

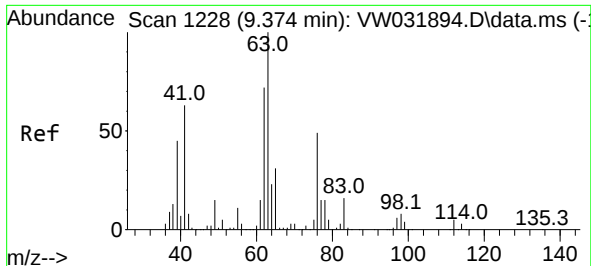
Tgt Ion: 43 Resp: 236468
Ion Ratio Lower Upper
43 100
61 30.9 24.0 36.0
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 52.237 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:130 Resp: 163699
Ion Ratio Lower Upper
130 100
95 101.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 51.386 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

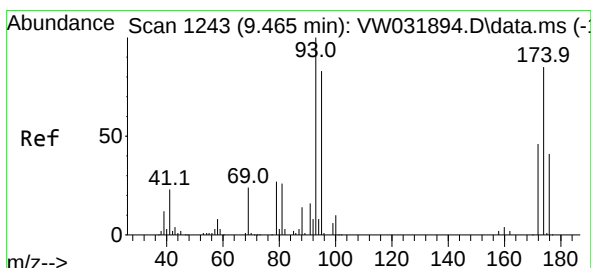
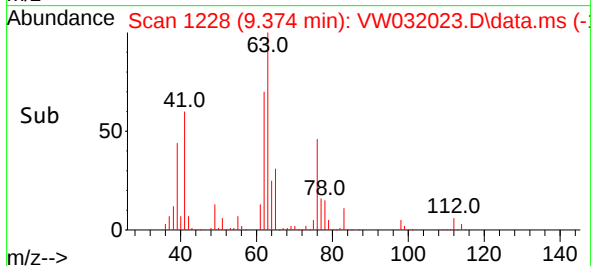
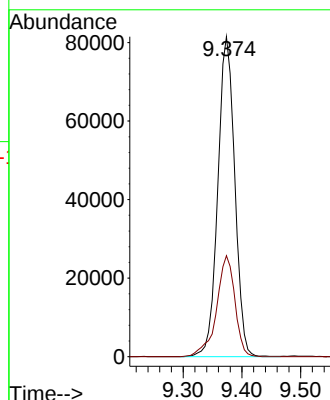
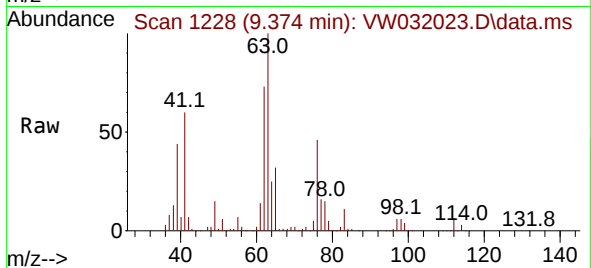
VSTDCCC050

Tgt Ion: 63 Resp: 163160

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 52.283 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

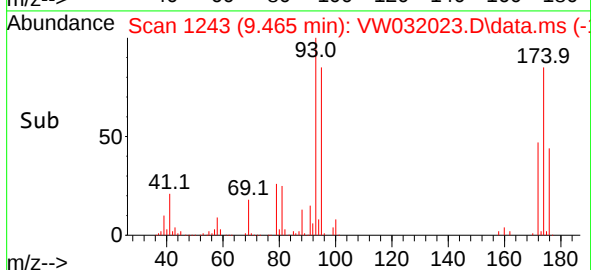
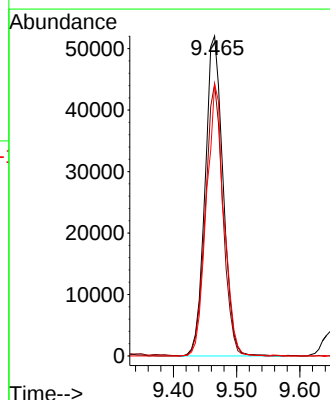
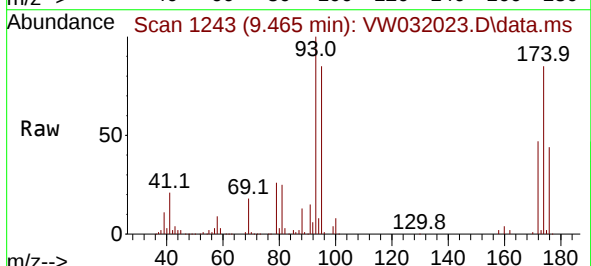
Tgt Ion: 93 Resp: 102907

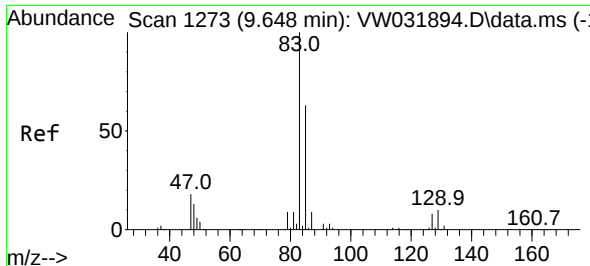
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 82.7 70.2 105.2

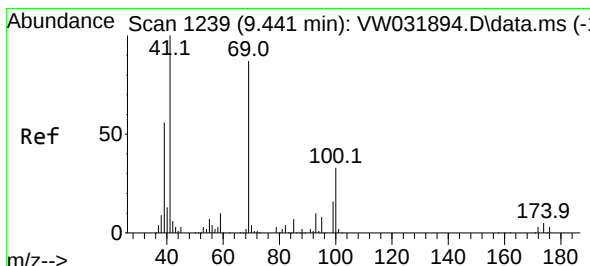
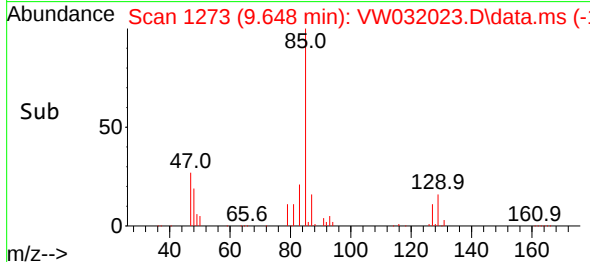
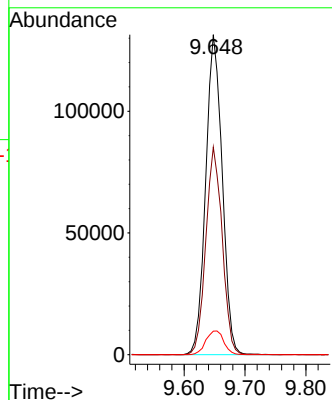
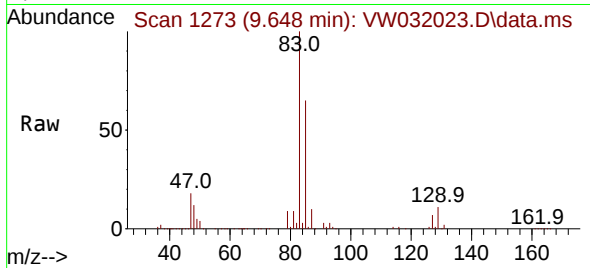




#47
Bromodichloromethane
Concen: 52.402 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

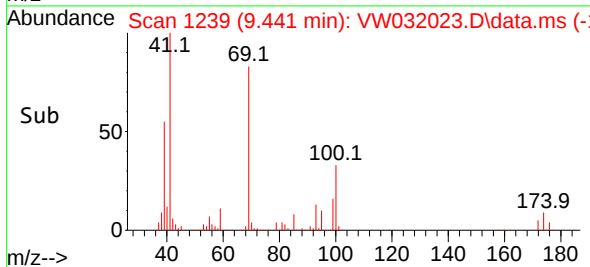
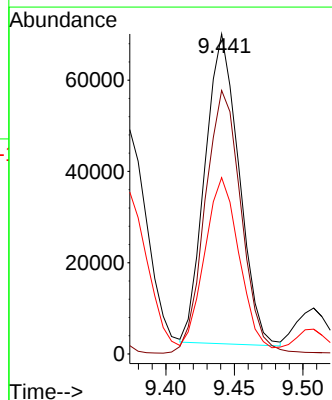
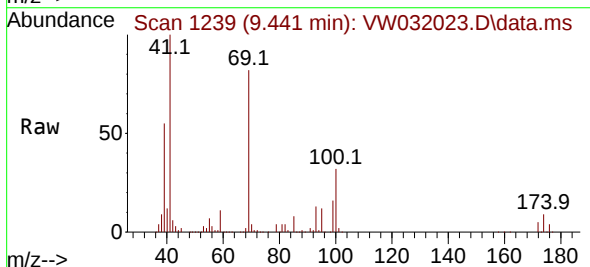
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

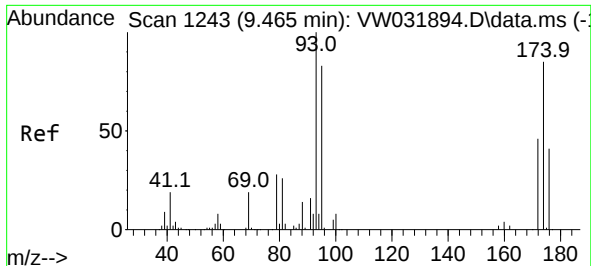
Tgt Ion: 83 Resp: 247324
Ion Ratio Lower Upper
83 100
85 64.9 50.6 76.0
127 7.3 6.5 9.7



#48
Methyl methacrylate
Concen: 53.478 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 41 Resp: 117022
Ion Ratio Lower Upper
41 100
69 90.7 73.6 110.4
39 55.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1367.171 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

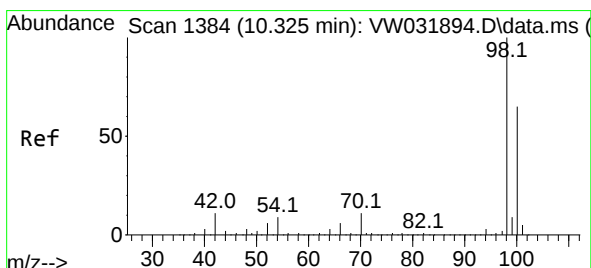
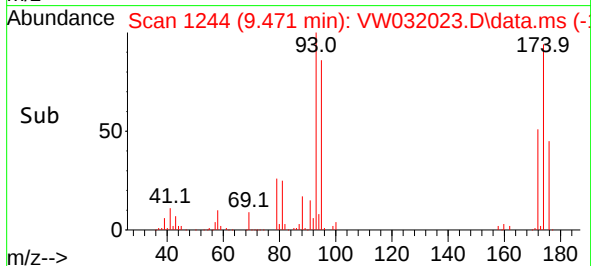
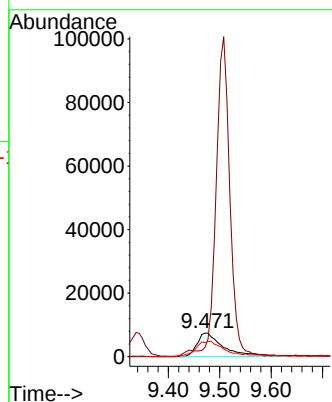
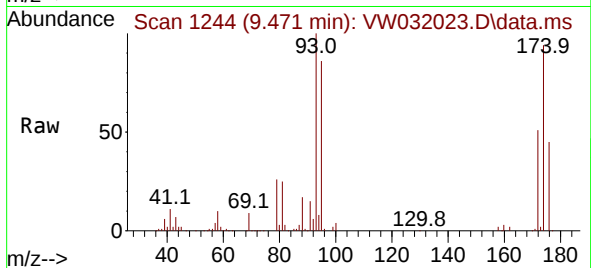
Tgt Ion: 88 Resp: 26851

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 72.8 58.2 87.2



#50

Toluene-d8

Concen: 50.087 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032023.D

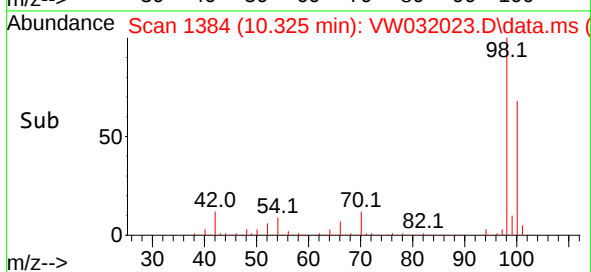
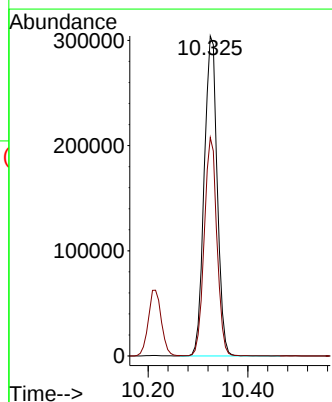
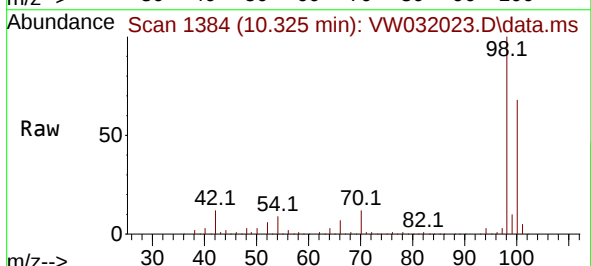
Acq: 06 Aug 2025 09:34

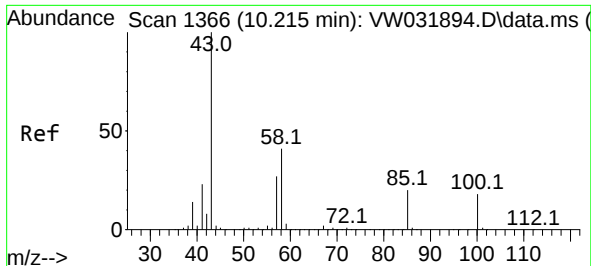
Tgt Ion: 98 Resp: 549752

Ion Ratio Lower Upper

98 100

100 66.5 51.7 77.5

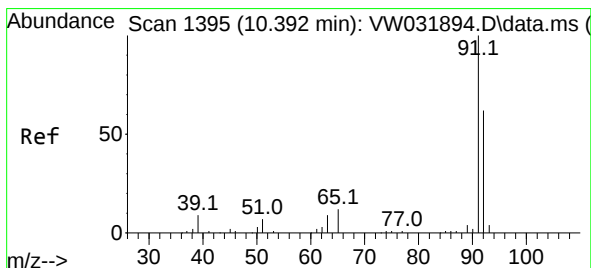
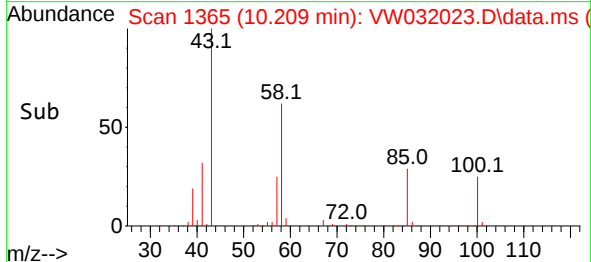
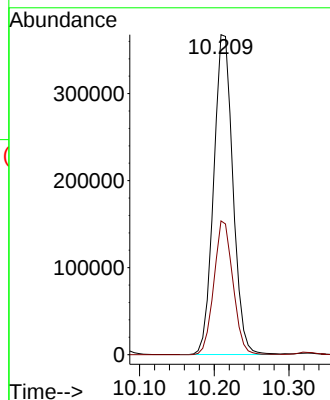
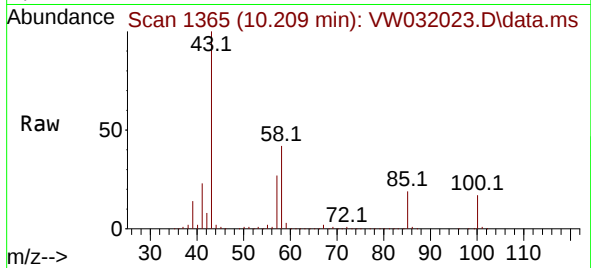




#51
4-Methyl-2-Pentanone
Concen: 261.993 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

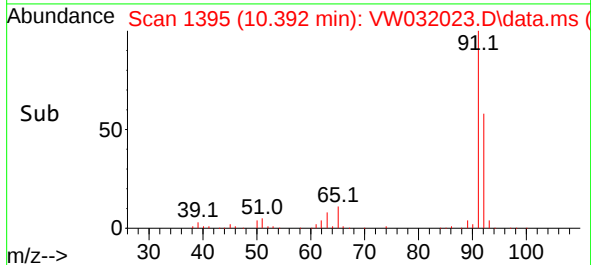
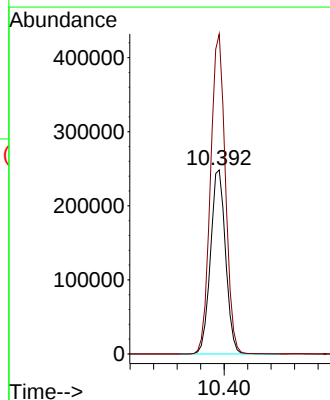
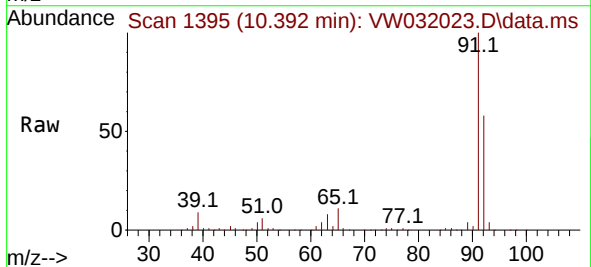
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

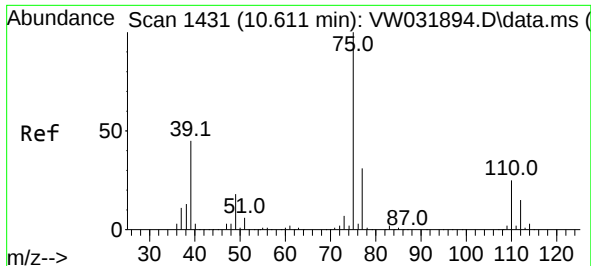
Tgt Ion: 43 Resp: 659480
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2



#52
Toluene
Concen: 52.104 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 92 Resp: 441594
Ion Ratio Lower Upper
92 100
91 171.7 133.7 200.5

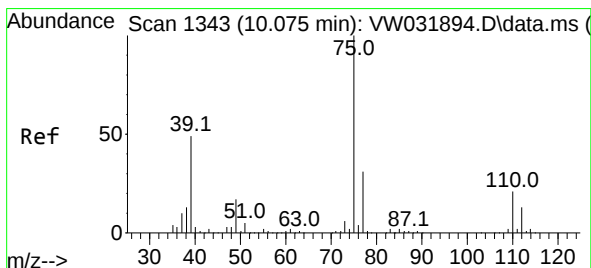
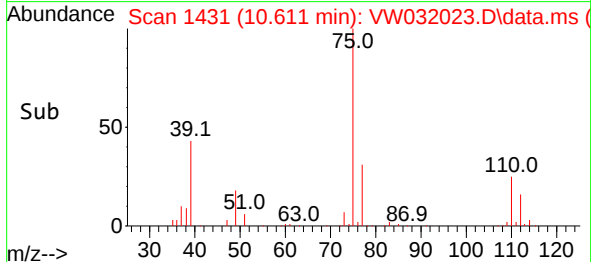
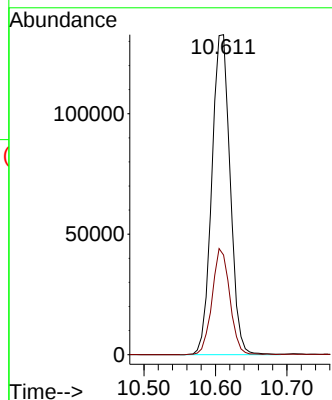
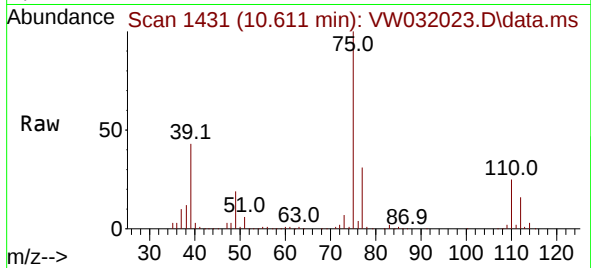




#53
t-1,3-Dichloropropene
Concen: 52.295 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

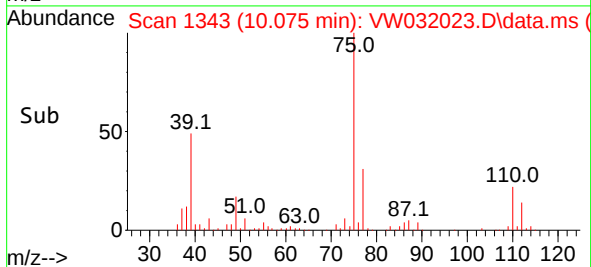
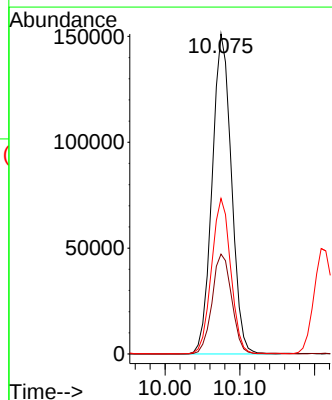
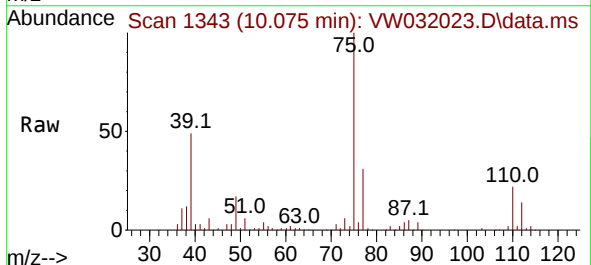
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

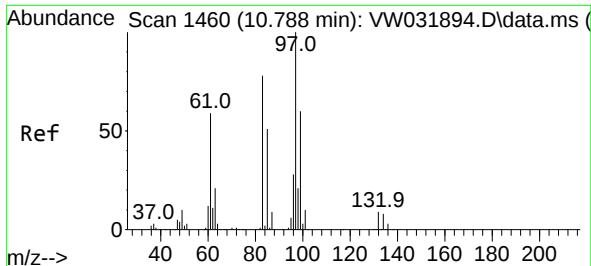
Tgt Ion: 75 Resp: 236758
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.354 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 75 Resp: 270682
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7
39 48.5 39.3 58.9



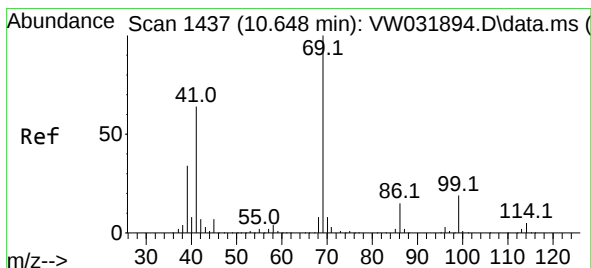
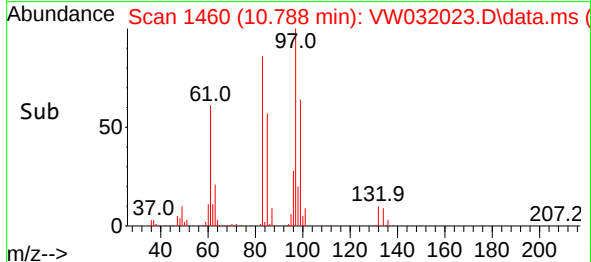
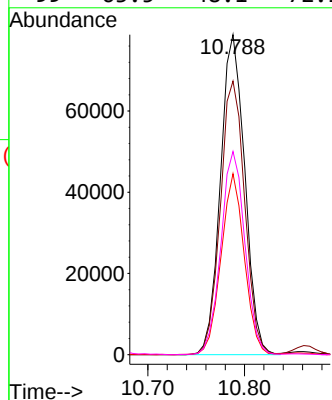
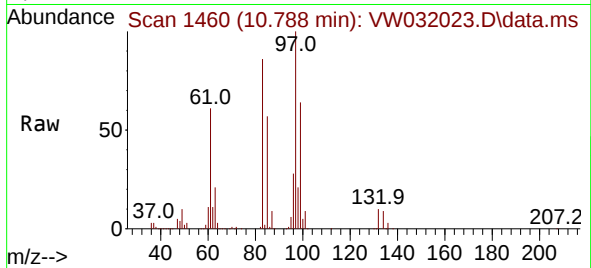


#55
1,1,2-Trichloroethane
Concen: 52.562 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 137421

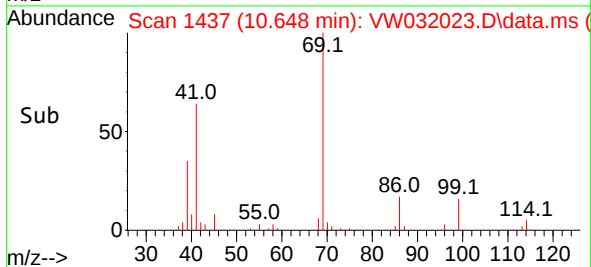
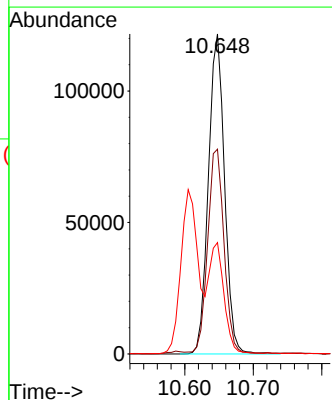
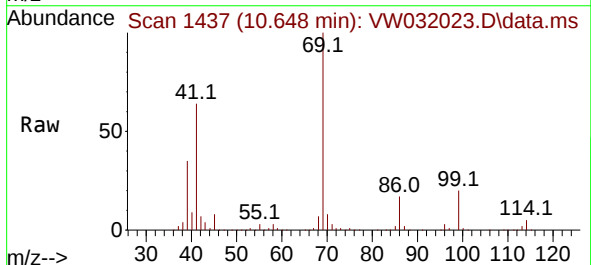
Ion	Ratio	Lower	Upper
97	100		
83	85.5	62.4	93.6
85	56.5	41.0	61.6
99	63.5	48.1	72.1

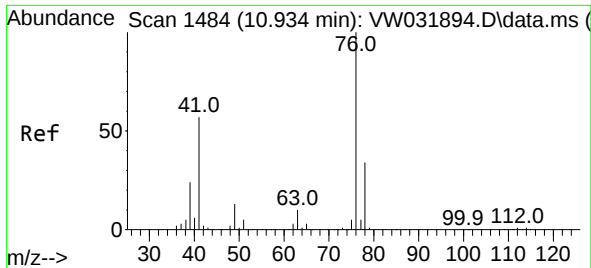


#56
Ethyl methacrylate
Concen: 54.071 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 69 Resp: 199654

Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.0	78.0
39	31.4	26.6	40.0





#57

1,3-Dichloropropane

Concen: 52.349 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

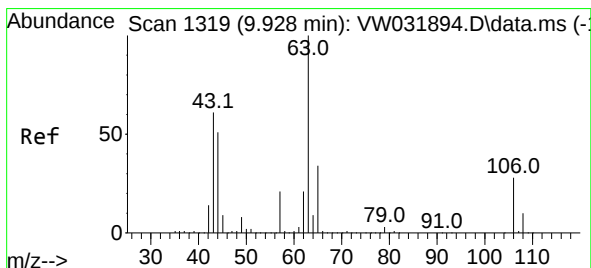
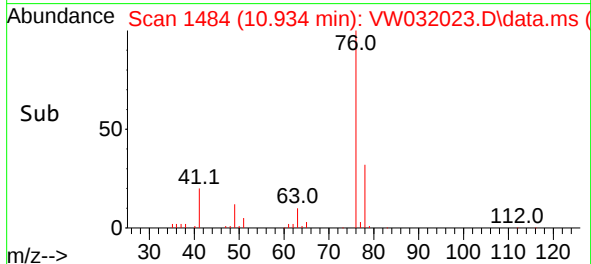
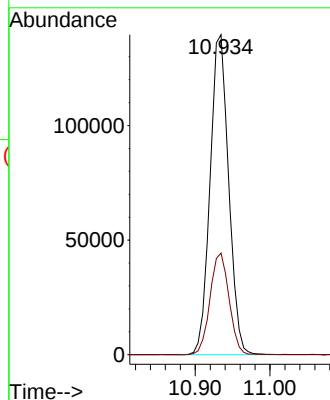
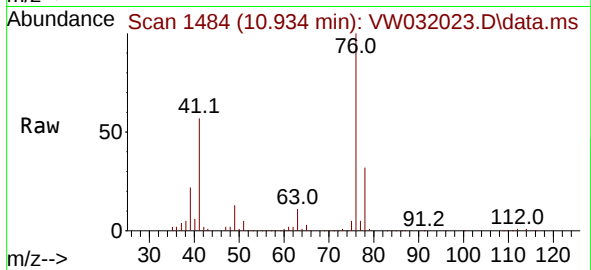
VSTDCCC050

Tgt Ion: 76 Resp: 241119

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 242.488 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032023.D

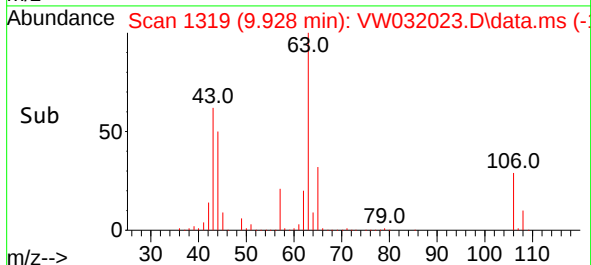
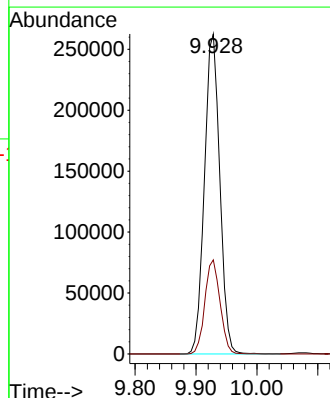
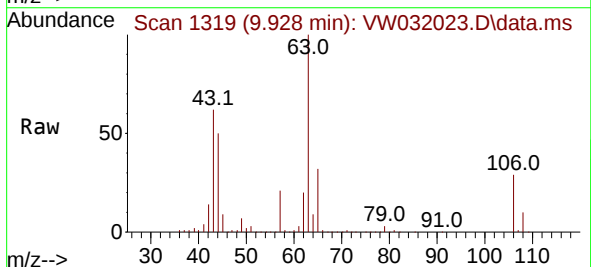
Acq: 06 Aug 2025 09:34

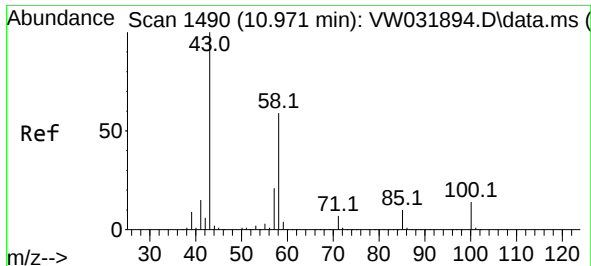
Tgt Ion: 63 Resp: 459911

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

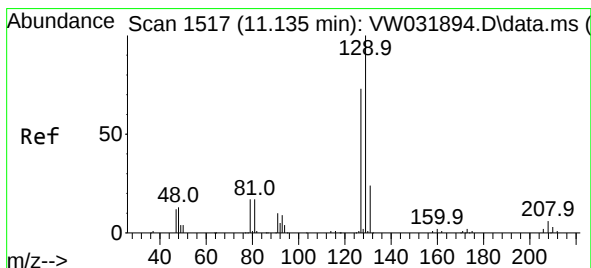
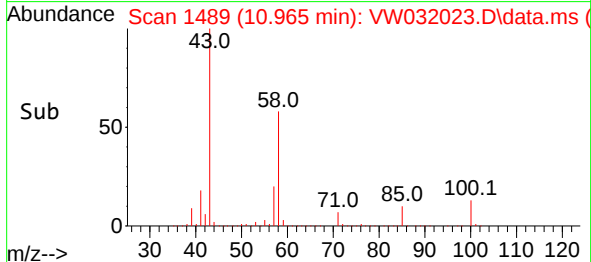
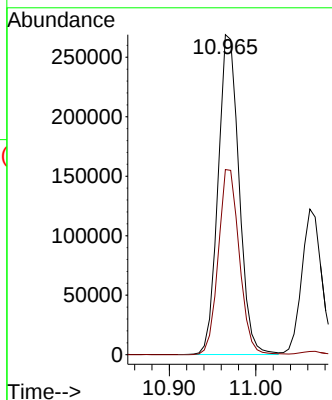
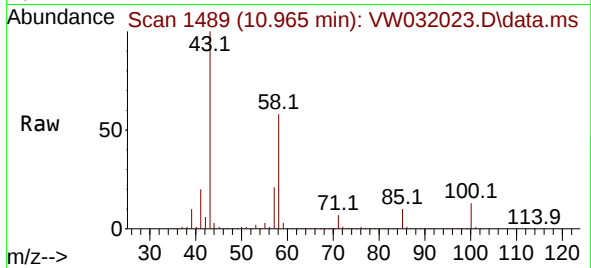




#59
2-Hexanone
Concen: 258.730 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

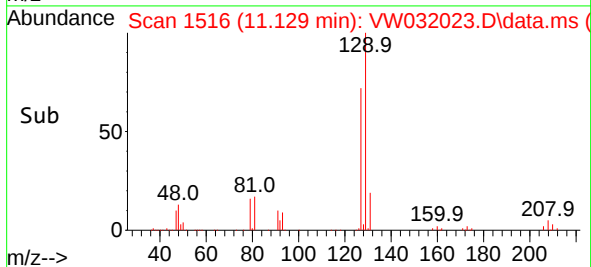
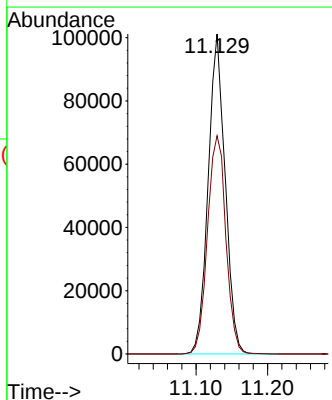
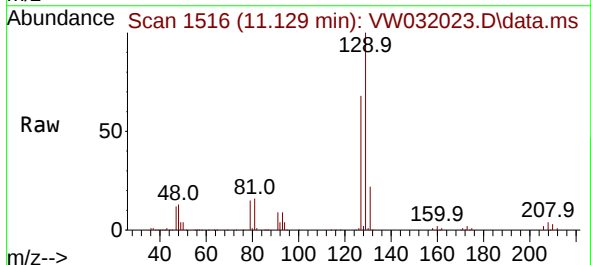
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

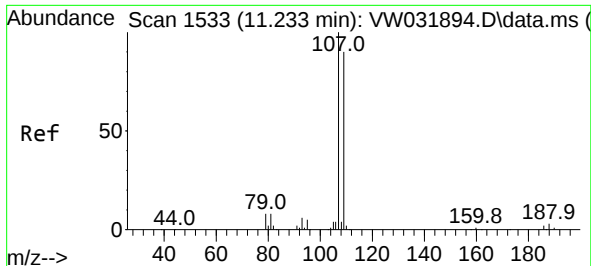
Tgt Ion: 43 Resp: 452693
Ion Ratio Lower Upper
43 100
58 58.1 28.5 85.6



#60
Dibromochloromethane
Concen: 54.667 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 129 Resp: 166640
Ion Ratio Lower Upper
129 100
127 73.8 39.6 118.8

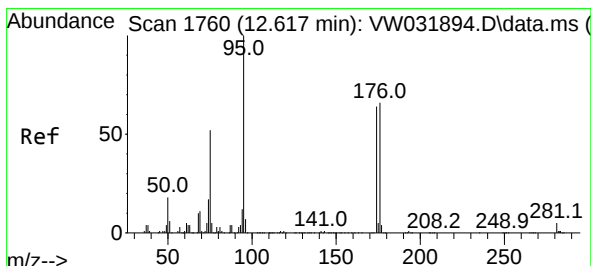
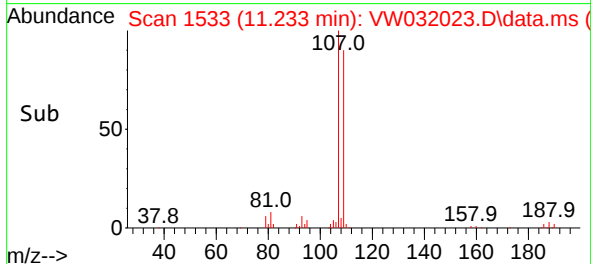
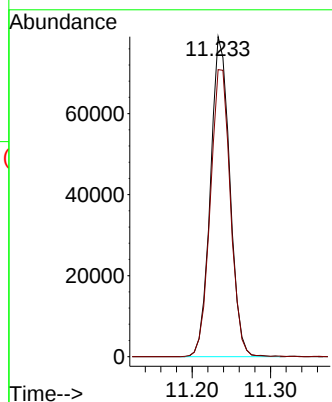
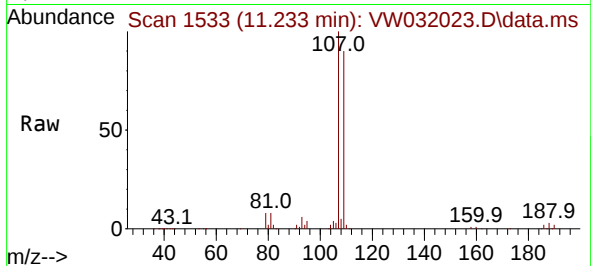




#61
1,2-Dibromoethane
Concen: 52.505 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

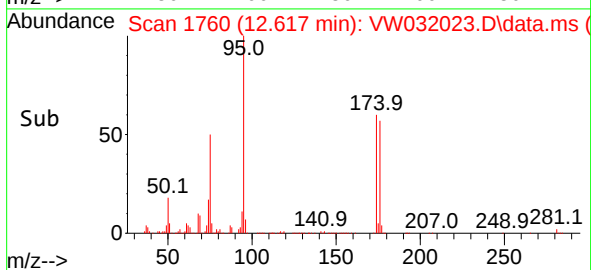
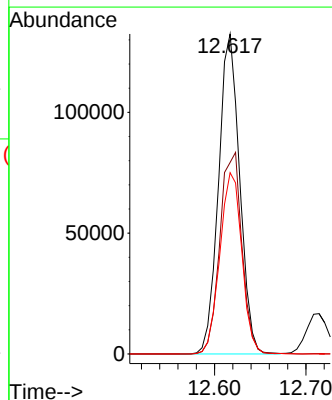
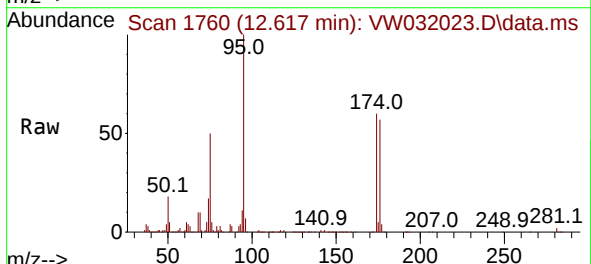
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

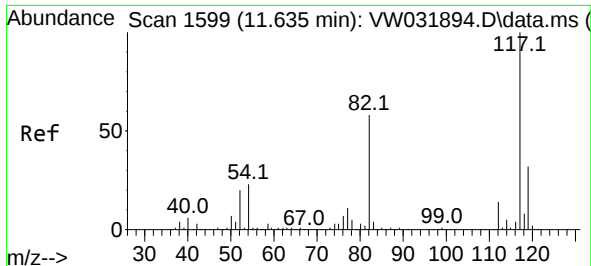
Tgt Ion:107 Resp: 135643
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.525 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 95 Resp: 212943
Ion Ratio Lower Upper
95 100
174 65.9 0.0 129.8
176 59.0 0.0 130.4

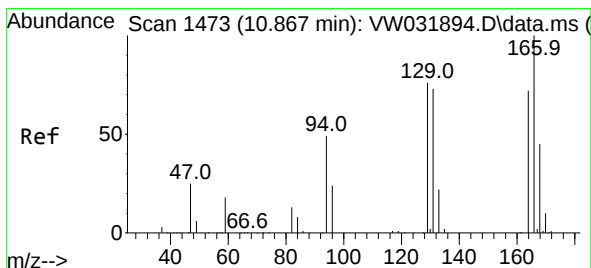
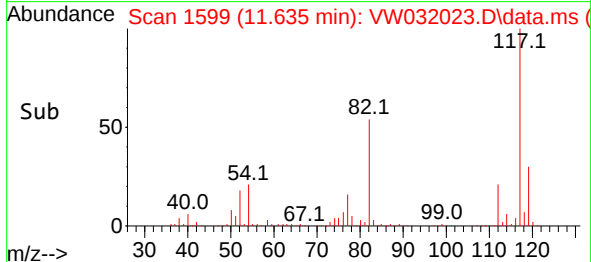
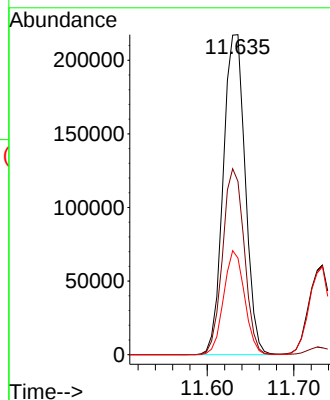
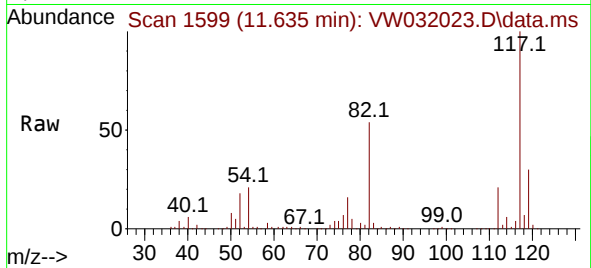




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

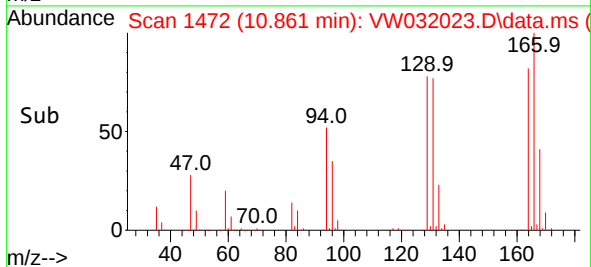
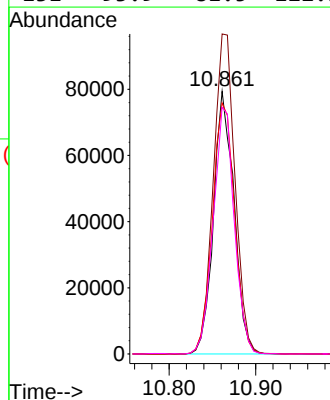
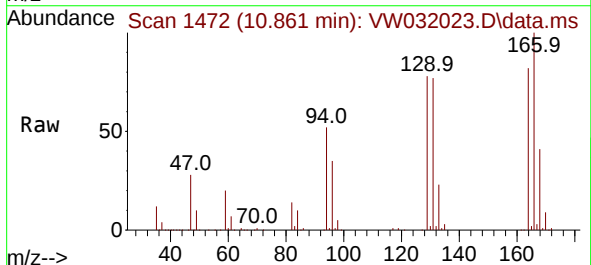
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 383470
Ion Ratio Lower Upper
117 100
82 54.2 46.5 69.7
119 30.2 25.8 38.6



#64
Tetrachloroethene
Concen: 51.629 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:164 Resp: 130531
Ion Ratio Lower Upper
164 100
166 121.8 111.5 167.3
129 95.6 85.1 127.7
131 93.9 81.5 122.3





#65

Chlorobenzene

Concen: 50.968 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

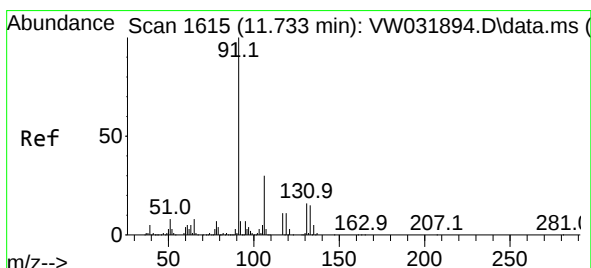
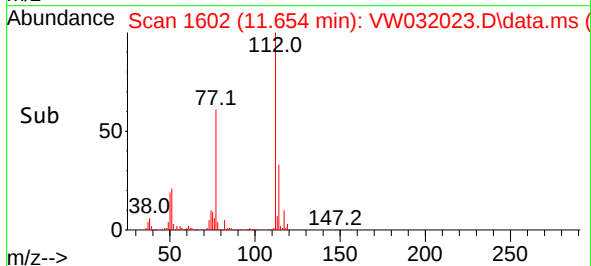
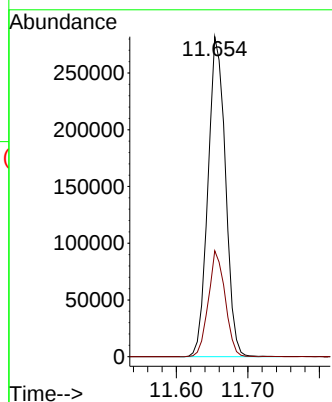
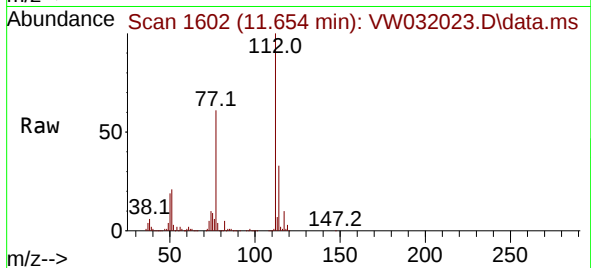
VSTDCCC050

Tgt Ion:112 Resp: 478346

Ion Ratio Lower Upper

112 100

114 33.1 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.084 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

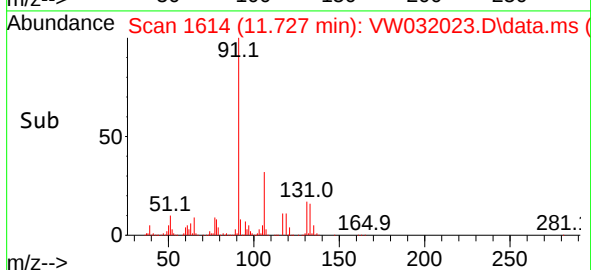
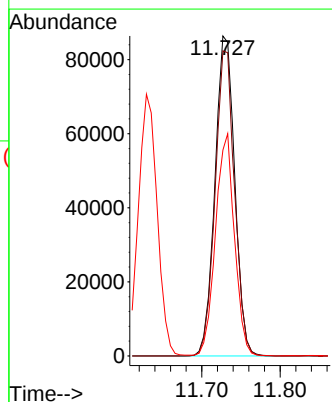
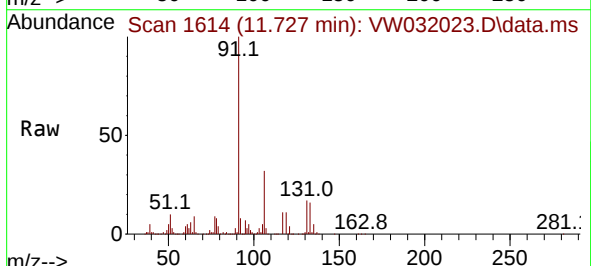
Tgt Ion:131 Resp: 151541

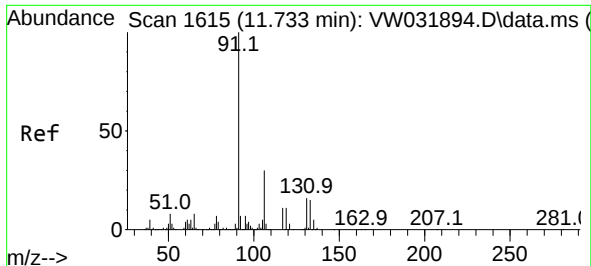
Ion Ratio Lower Upper

131 100

133 93.9 48.1 144.4

119 66.8 33.7 101.1





#67

Ethyl Benzene

Concen: 50.628 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

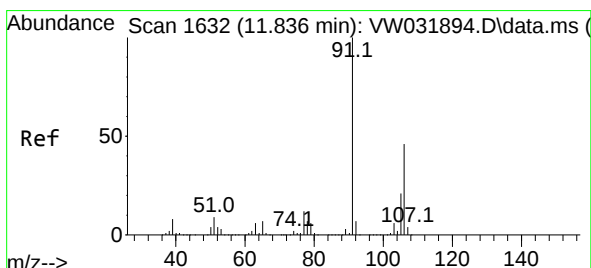
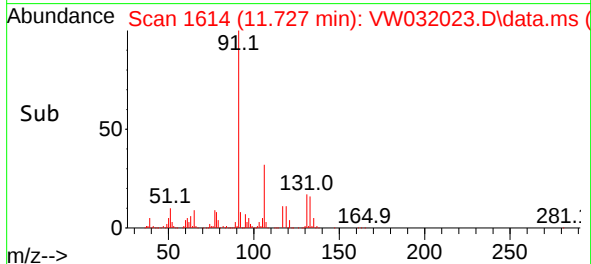
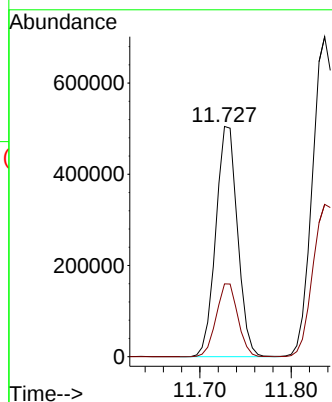
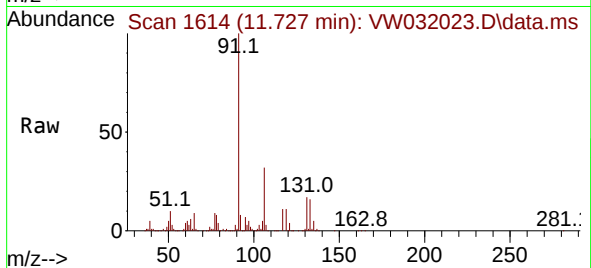
VSTDCCC050

Tgt Ion: 91 Resp: 834852

Ion Ratio Lower Upper

91 100

106 31.7 23.8 35.6



#68

m/p-Xylenes

Concen: 104.526 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032023.D

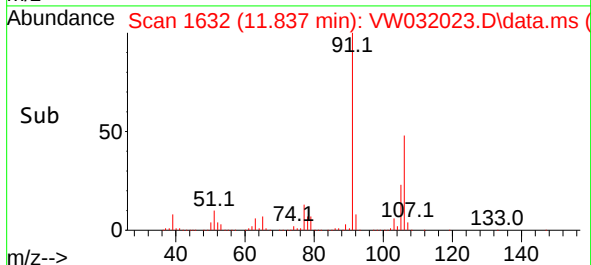
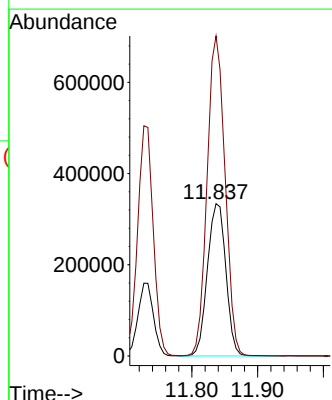
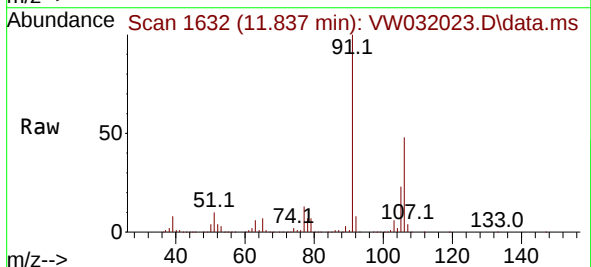
Acq: 06 Aug 2025 09:34

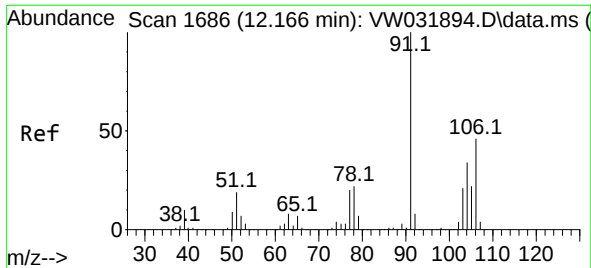
Tgt Ion:106 Resp: 648864

Ion Ratio Lower Upper

106 100

91 205.4 167.7 251.5

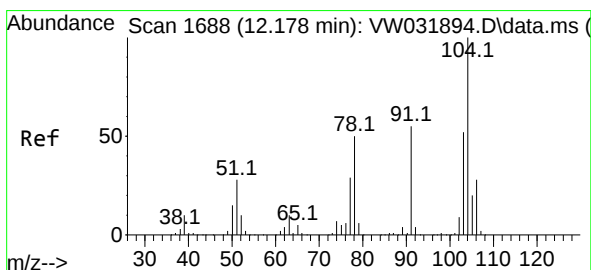
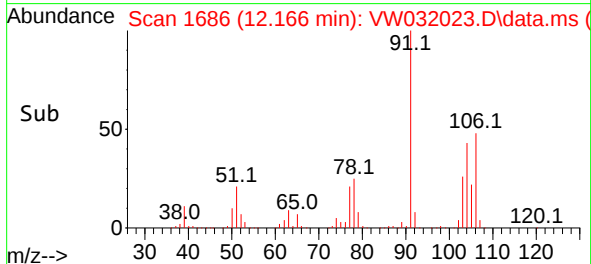
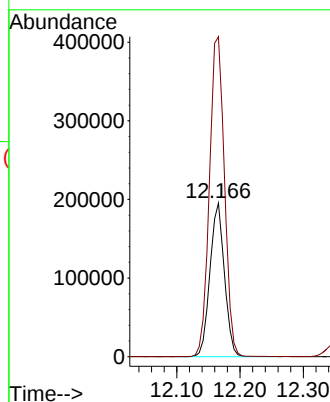
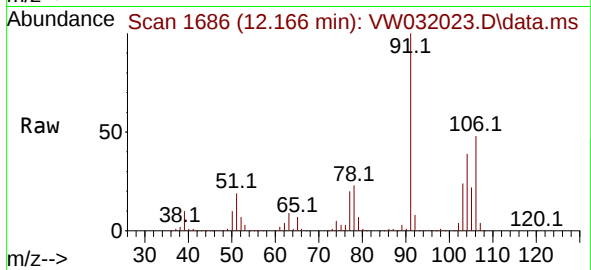




#69
o-Xylene
Concen: 52.838 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

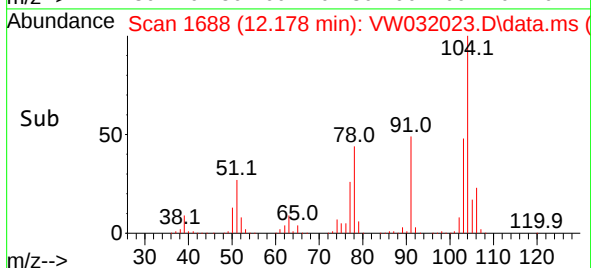
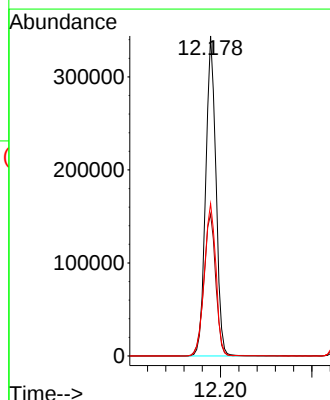
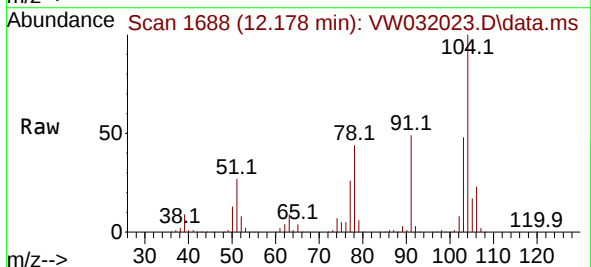
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

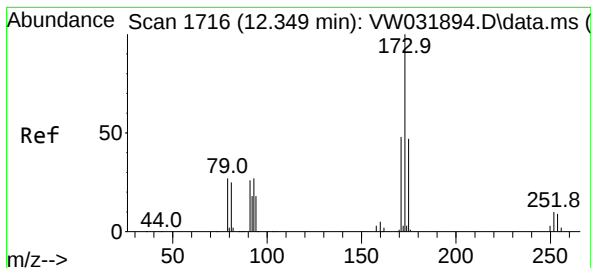
Tgt Ion:106 Resp: 310413
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6



#70
Styrene
Concen: 53.594 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:104 Resp: 536068
Ion Ratio Lower Upper
104 100
78 50.4 42.2 63.4
103 53.5 42.8 64.2





#71

Bromoform

Concen: 53.623 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

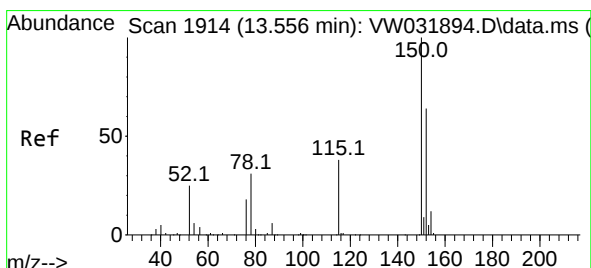
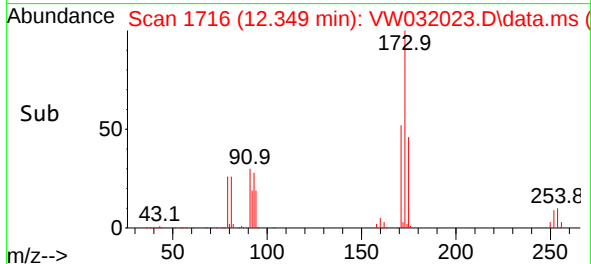
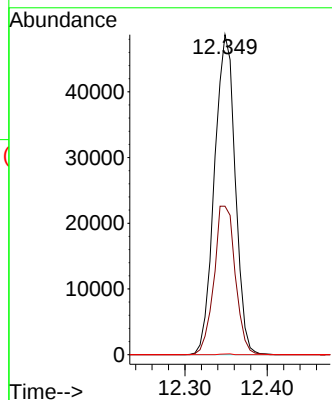
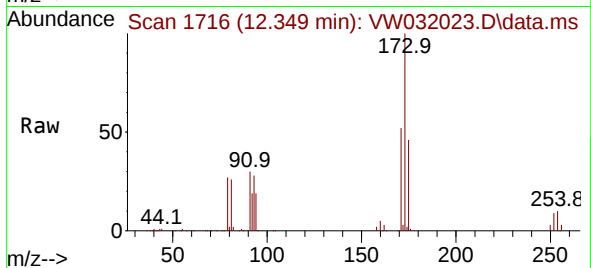
Tgt Ion:173 Resp: 85327

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

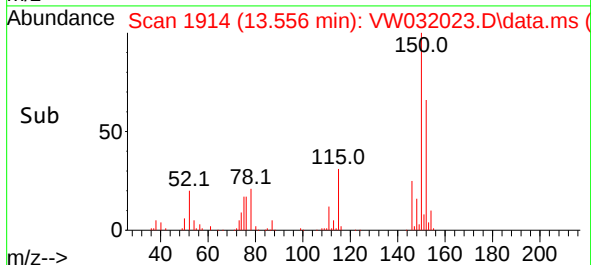
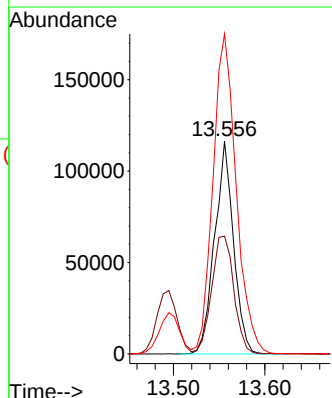
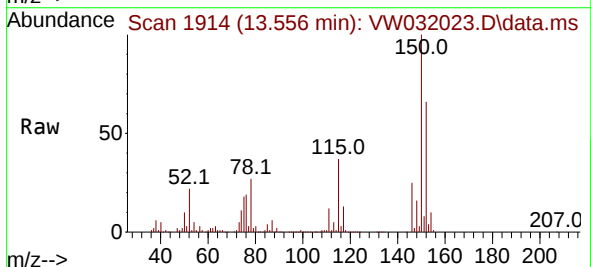
Tgt Ion:152 Resp: 167635

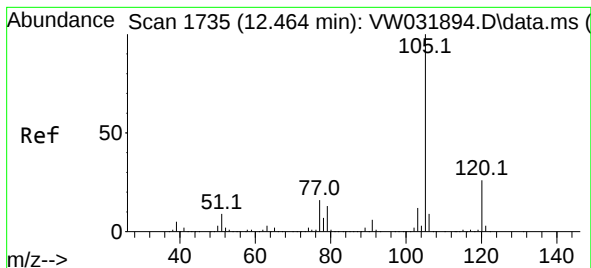
Ion Ratio Lower Upper

152 100

115 65.0 33.4 100.1

150 184.0 0.0 352.2





#73

Isopropylbenzene

Concen: 53.956 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

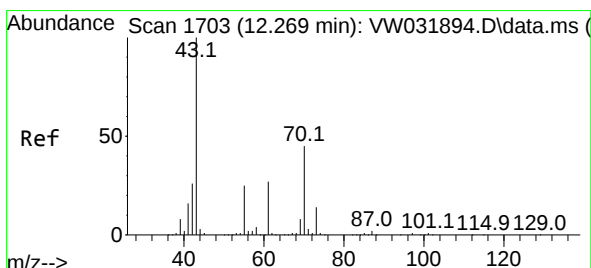
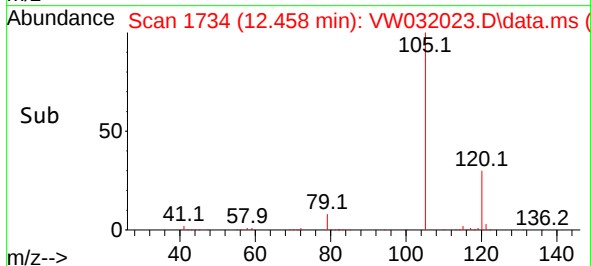
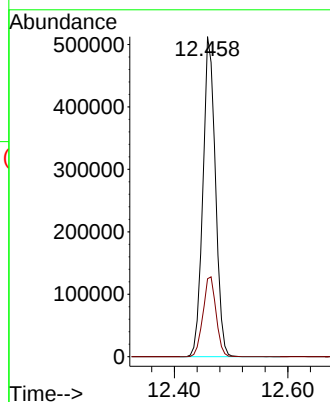
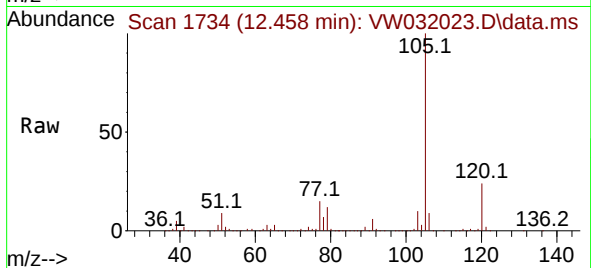
VSTDCCC050

Tgt Ion:105 Resp: 784794

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.8



#74

N-ethyl acetate

Concen: 55.659 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Tgt Ion: 43 Resp: 218861

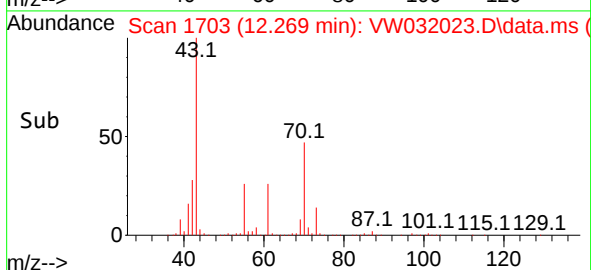
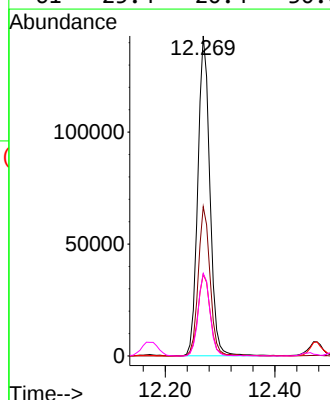
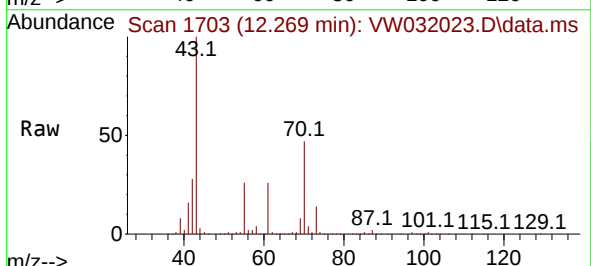
Ion Ratio Lower Upper

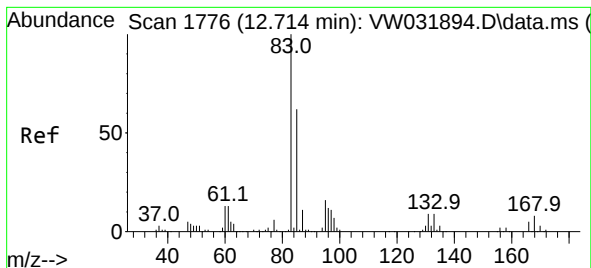
43 100

70 45.7 36.6 55.0

55 26.0 20.7 31.1

61 25.4 20.4 30.6

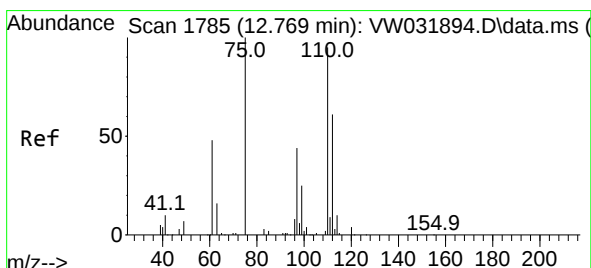
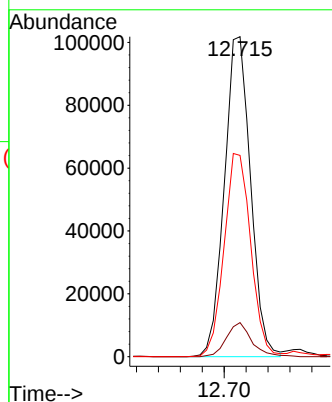
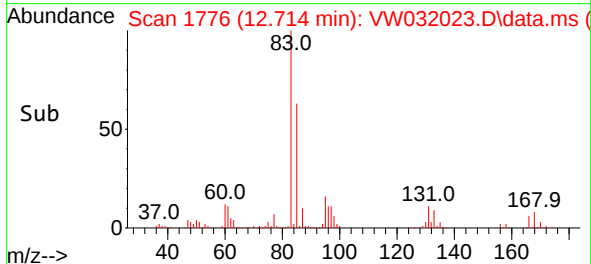
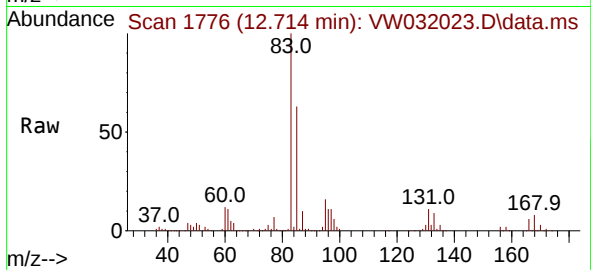




#75
1,1,2,2-Tetrachloroethane
Concen: 54.674 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

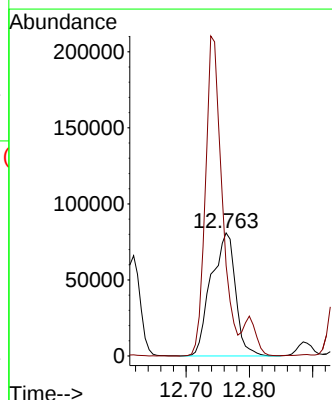
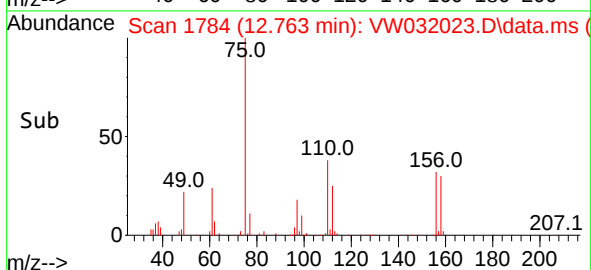
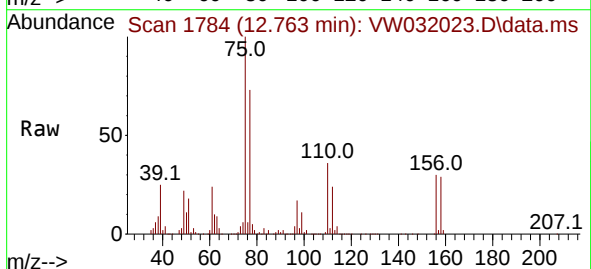
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

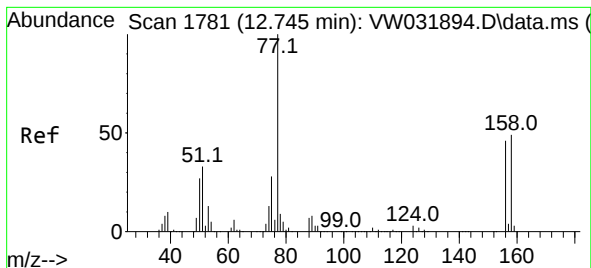
Tgt Ion: 83 Resp: 168799
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 93.262 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 75 Resp: 215851
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.838 ug/l

RT: 12.739 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

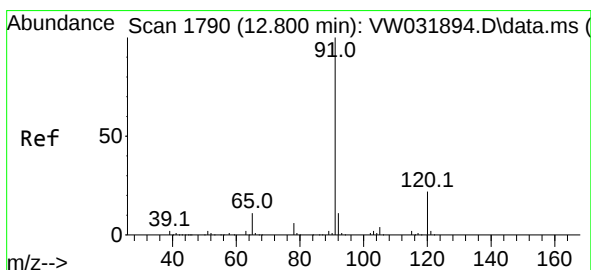
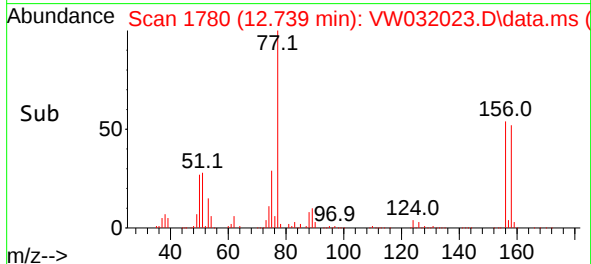
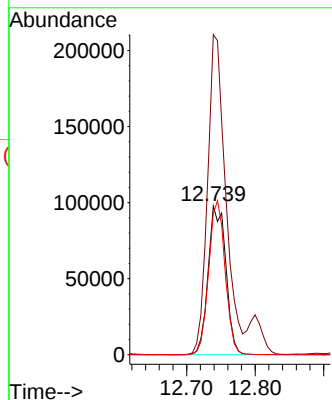
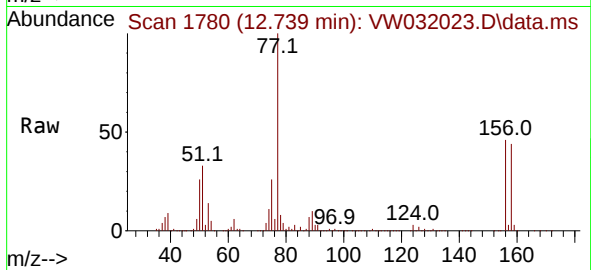
Tgt Ion:156 Resp: 175725

Ion Ratio Lower Upper

156 100

77 218.8 115.3 345.8

158 96.0 50.1 150.3



#78

n-propylbenzene

Concen: 52.965 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032023.D

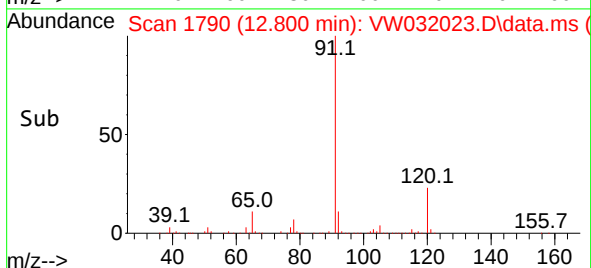
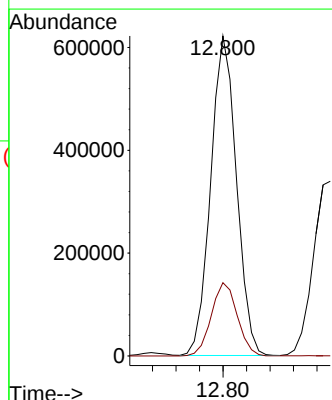
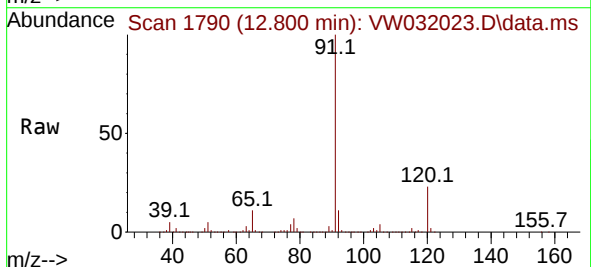
Acq: 06 Aug 2025 09:34

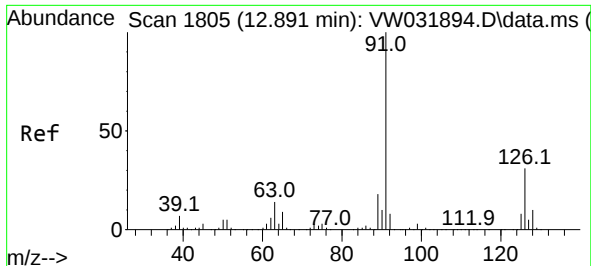
Tgt Ion: 91 Resp: 946171

Ion Ratio Lower Upper

91 100

120 23.1 10.9 32.6

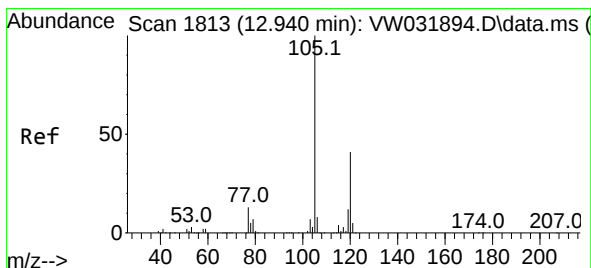
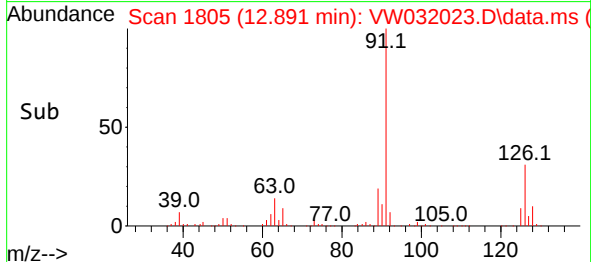
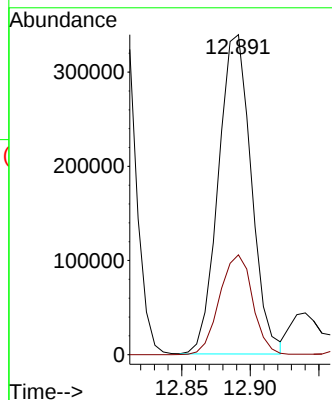
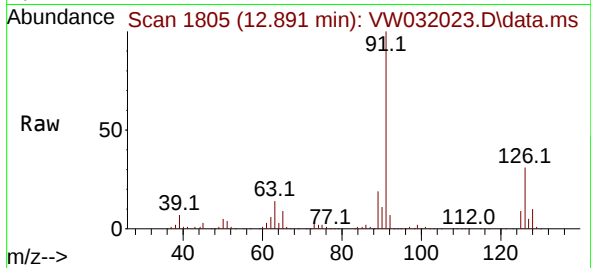




#79
2-Chlorotoluene
Concen: 53.231 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

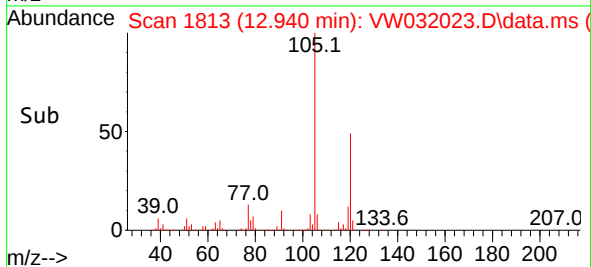
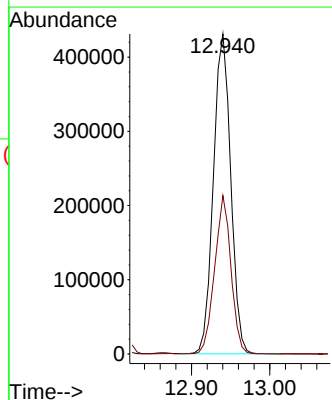
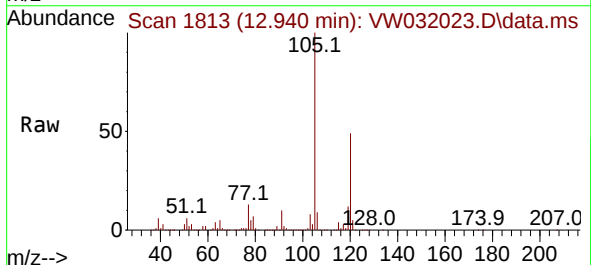
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 567762
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 54.304 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 105 Resp: 662438
Ion Ratio Lower Upper
105 100
120 46.8 23.5 70.5

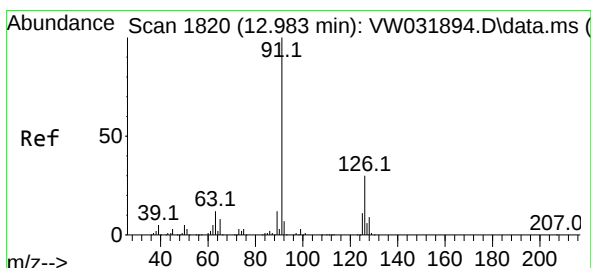
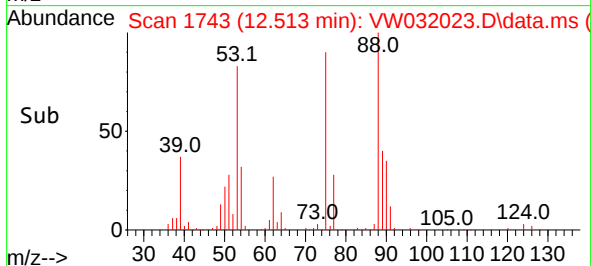
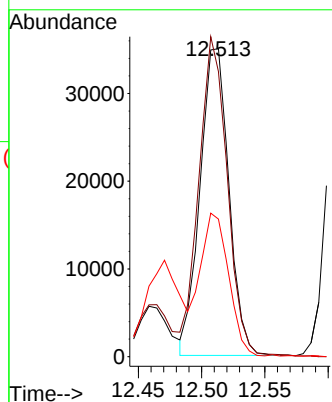
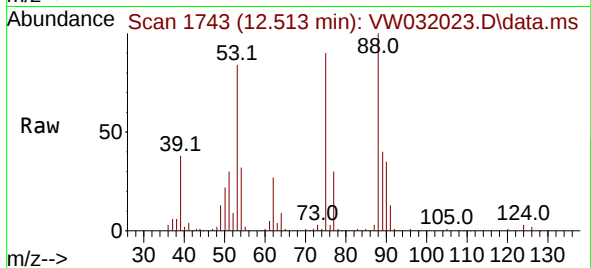




#81
trans-1,4-Dichloro-2-butene
Concen: 55.440 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

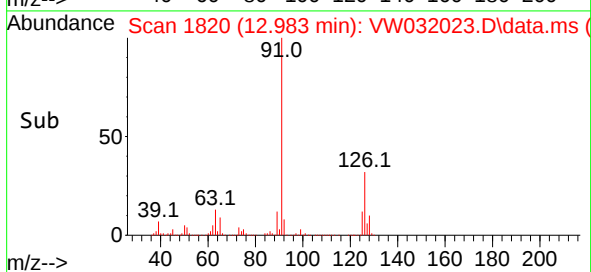
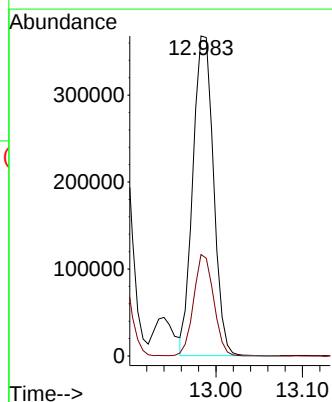
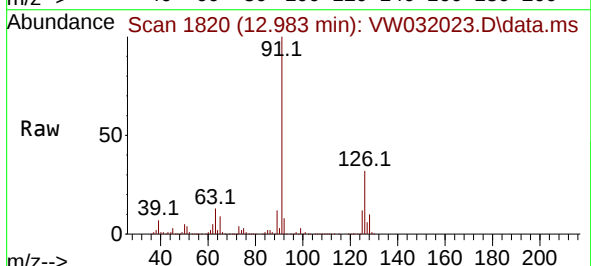
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

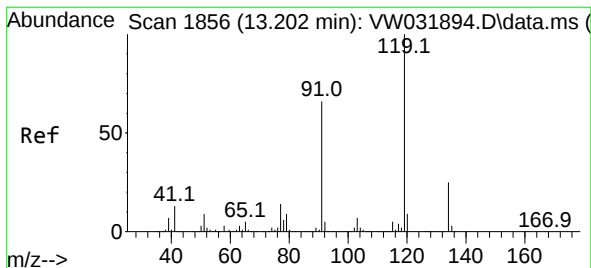
Tgt Ion: 75 Resp: 55578
Ion Ratio Lower Upper
75 100
53 102.8 83.7 125.5
89 46.2 39.0 58.6



#82
4-Chlorotoluene
Concen: 54.269 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 91 Resp: 607242
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.3





#83

tert-Butylbenzene

Concen: 52.492 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

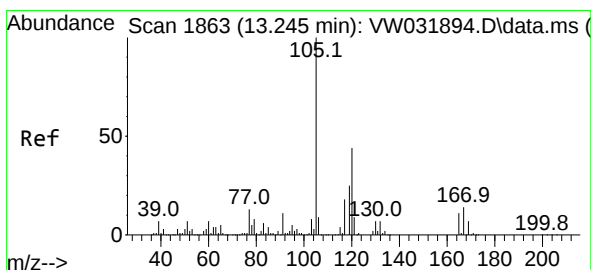
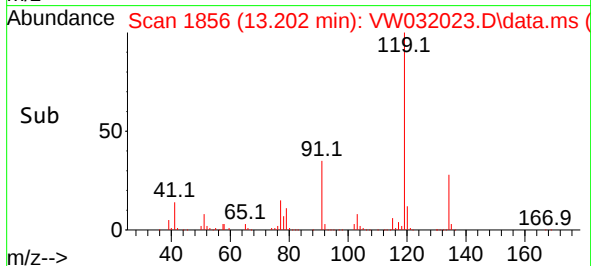
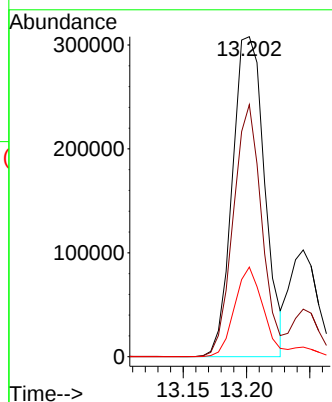
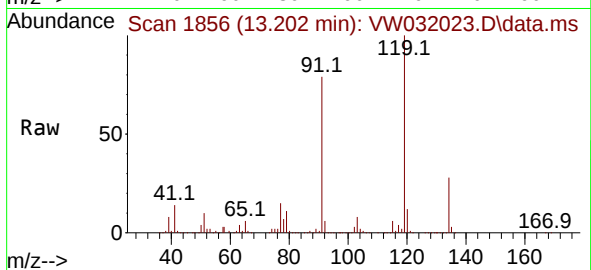
Tgt Ion:119 Resp: 545444

Ion Ratio Lower Upper

119 100

91 69.6 35.5 106.5

134 25.0 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 54.053 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032023.D

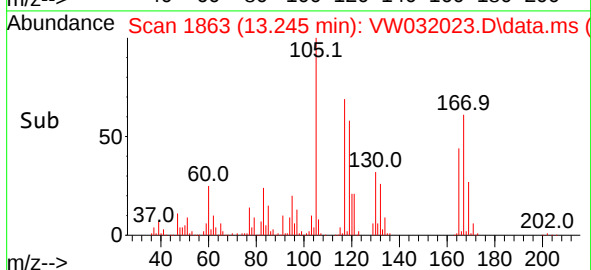
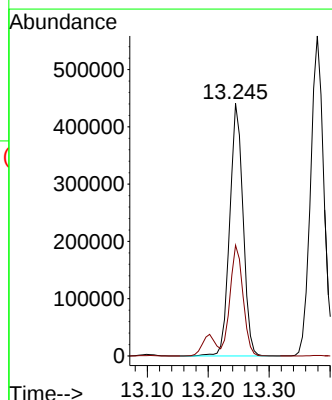
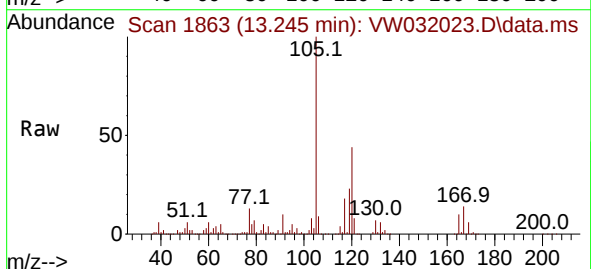
Acq: 06 Aug 2025 09:34

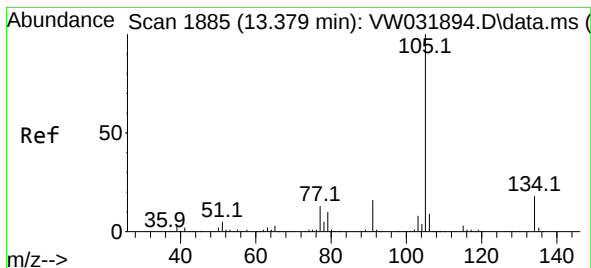
Tgt Ion:105 Resp: 667403

Ion Ratio Lower Upper

105 100

120 42.5 21.3 63.9





#85

sec-Butylbenzene

Concen: 53.849 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

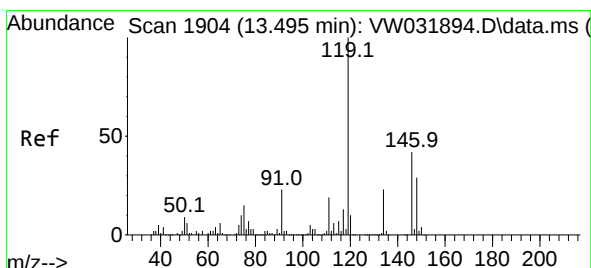
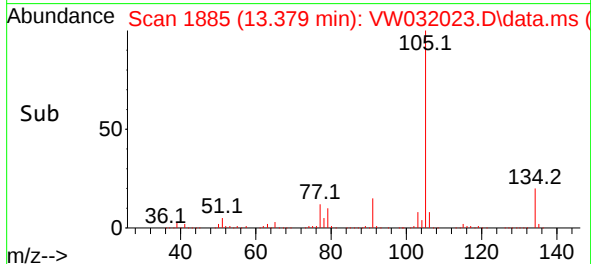
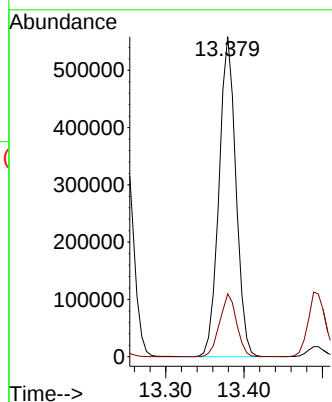
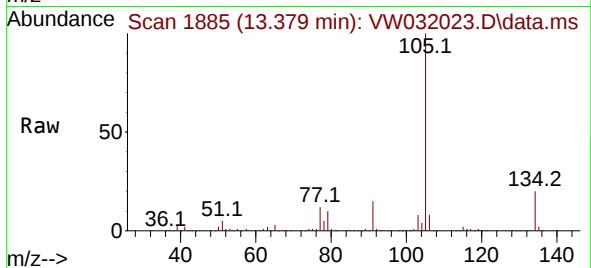
VSTDCCC050

Tgt Ion:105 Resp: 840286

Ion Ratio Lower Upper

105 100

134 19.6 9.2 27.6



#86

p-Isopropyltoluene

Concen: 52.600 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

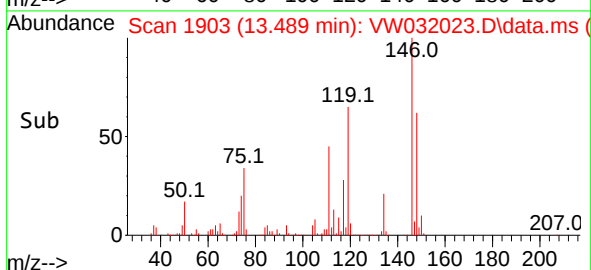
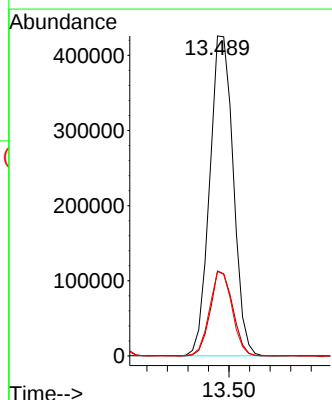
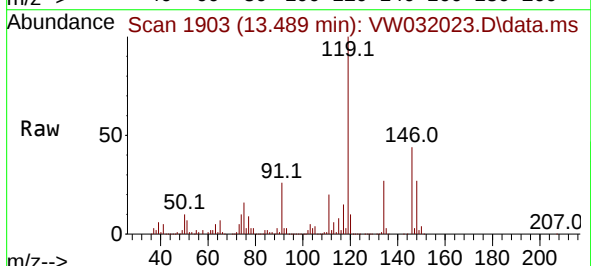
Tgt Ion:119 Resp: 678429

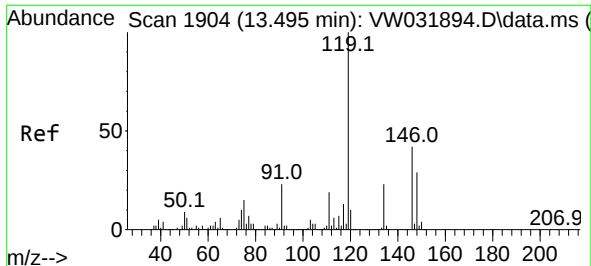
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 25.2 12.7 38.1

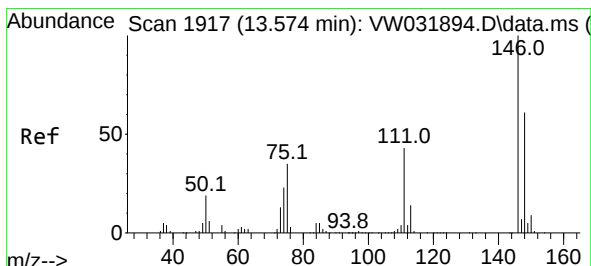
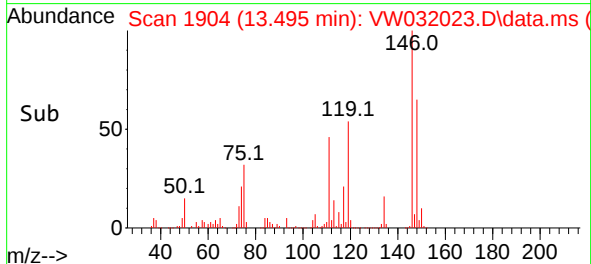
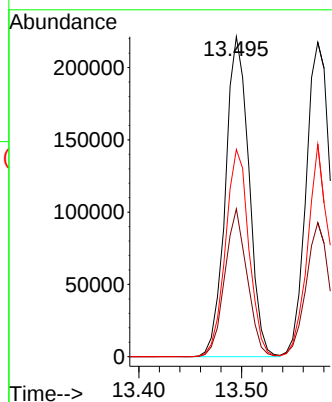
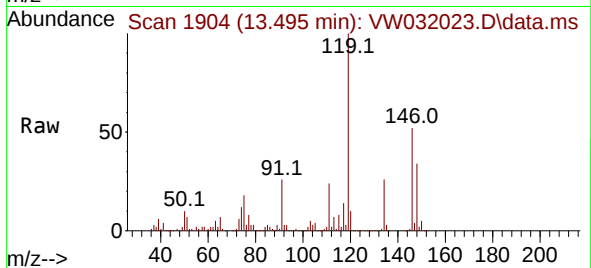




#87
 1,3-Dichlorobenzene
 Concen: 53.644 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

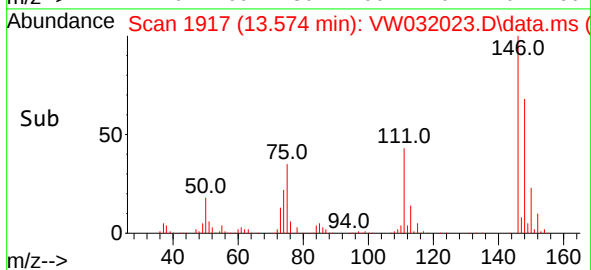
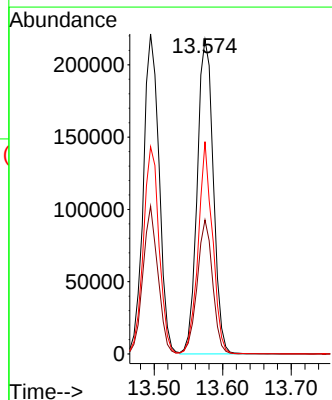
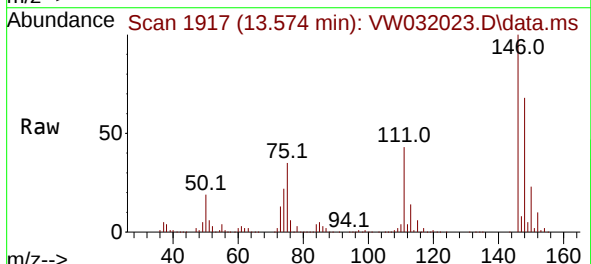
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

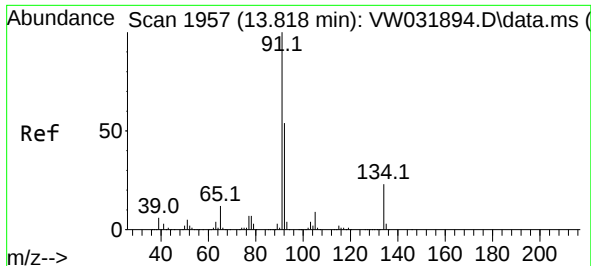
Tgt Ion:146 Resp: 351418
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.7
 148 64.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 55.457 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032023.D
 Acq: 06 Aug 2025 09:34

Tgt Ion:146 Resp: 355887
 Ion Ratio Lower Upper
 146 100
 111 40.8 22.1 66.3
 148 60.0 31.8 95.3

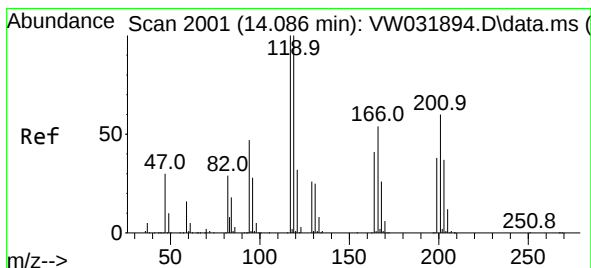
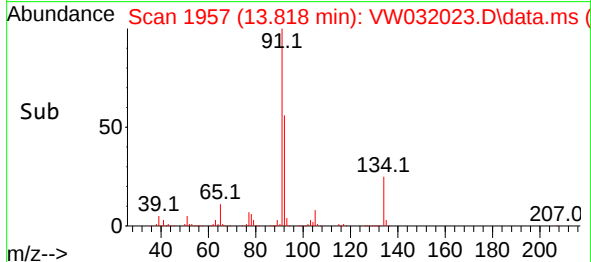
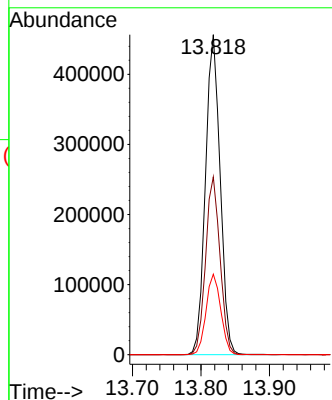
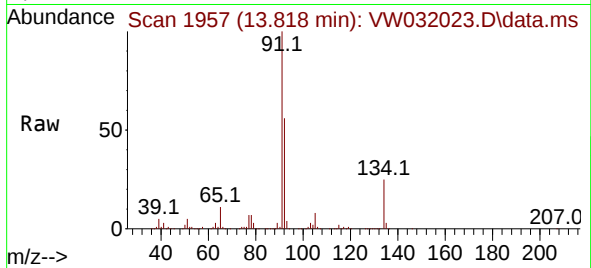




#89
n-Butylbenzene
Concen: 53.955 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

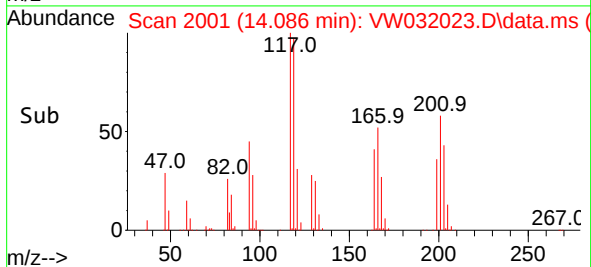
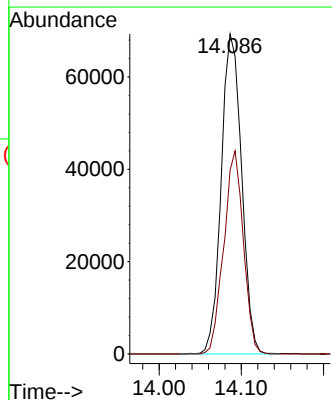
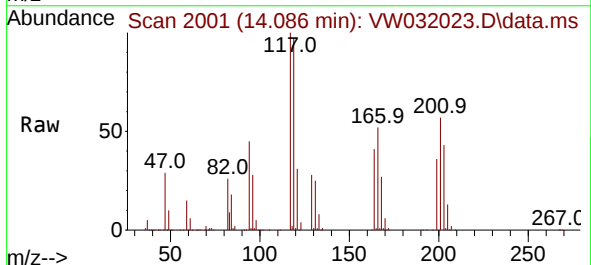
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

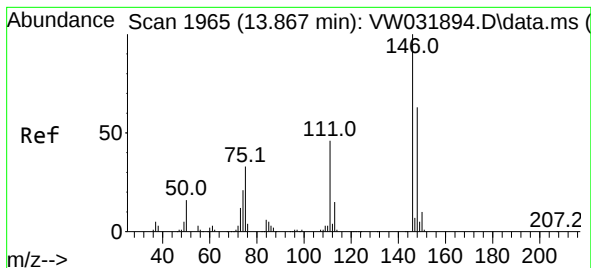
Tgt Ion: 91 Resp: 682675
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 25.2 11.6 34.7



#90
Hexachloroethane
Concen: 53.607 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 117 Resp: 119559
Ion Ratio Lower Upper
117 100
201 61.1 28.4 85.2

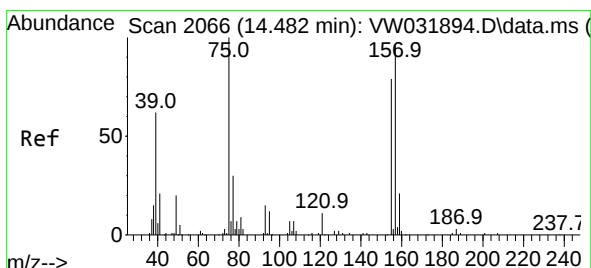
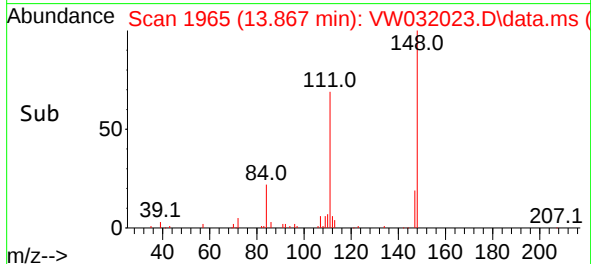
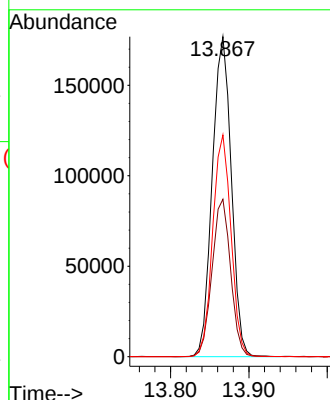
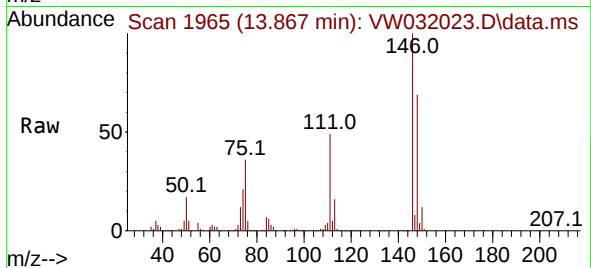




#91
1,2-Dichlorobenzene
Concen: 51.386 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

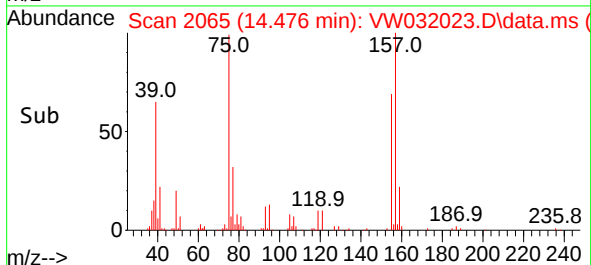
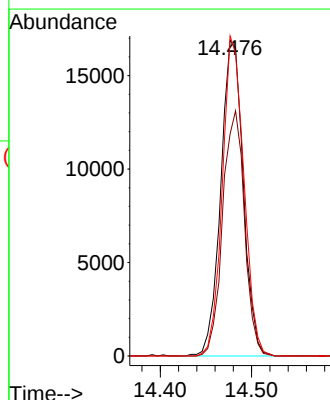
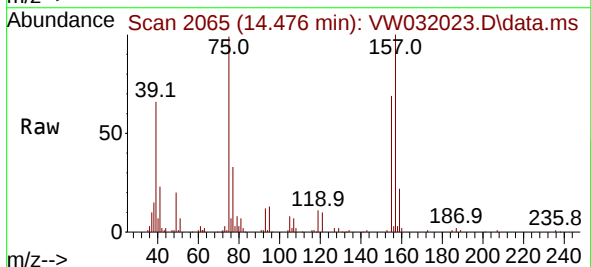
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

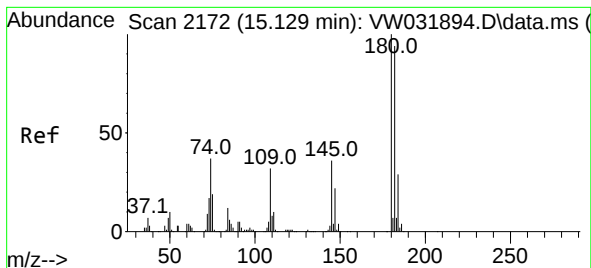
Tgt Ion:146 Resp: 298333
Ion Ratio Lower Upper
146 100
111 48.1 23.6 71.0
148 66.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.764 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion: 75 Resp: 28873
Ion Ratio Lower Upper
75 100
155 75.3 35.9 107.7
157 96.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 57.159 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

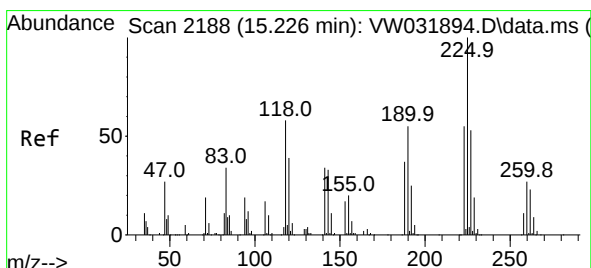
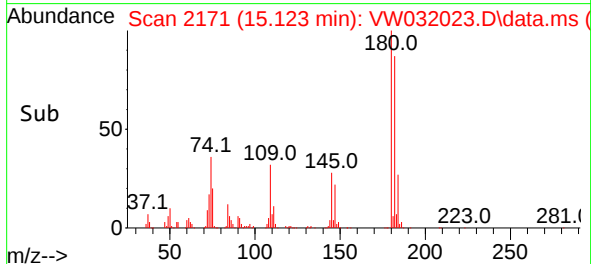
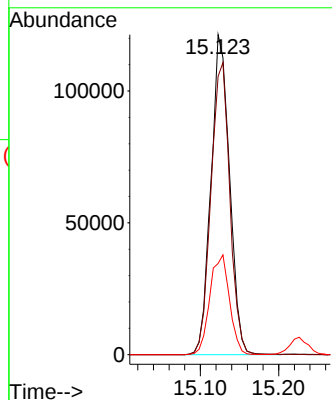
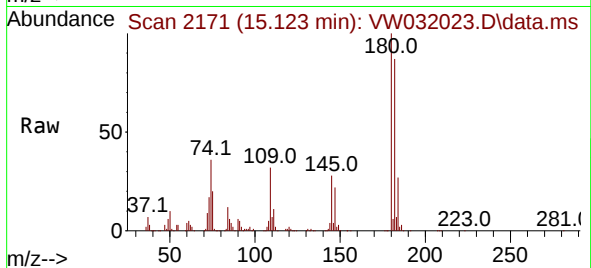
Tgt Ion:180 Resp: 200130

Ion Ratio Lower Upper

180 100

182 92.8 51.0 153.1

145 33.0 18.4 55.4



#94

Hexachlorobutadiene

Concen: 52.306 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032023.D

Acq: 06 Aug 2025 09:34

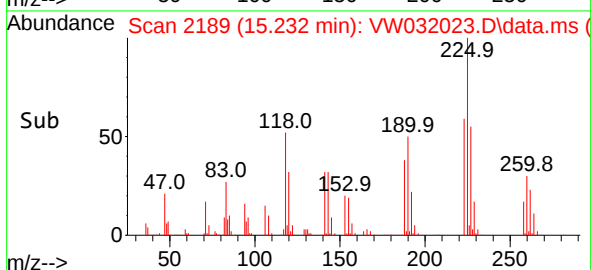
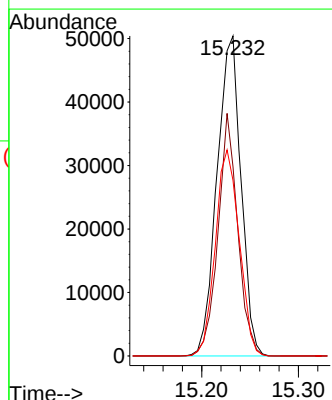
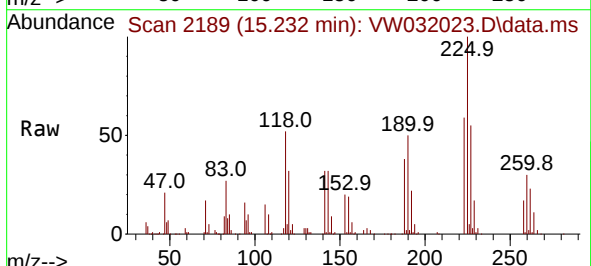
Tgt Ion:225 Resp: 86781

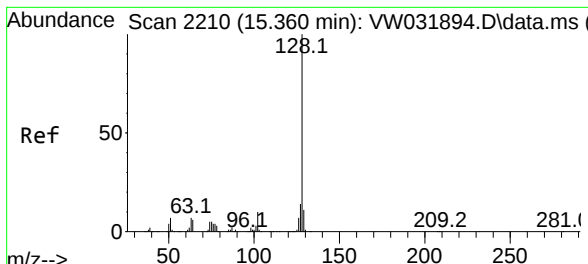
Ion Ratio Lower Upper

225 100

223 62.5 30.9 92.7

227 64.1 30.0 90.1

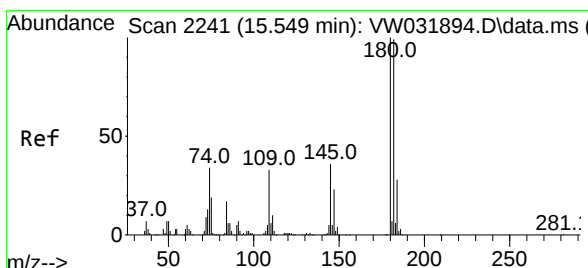
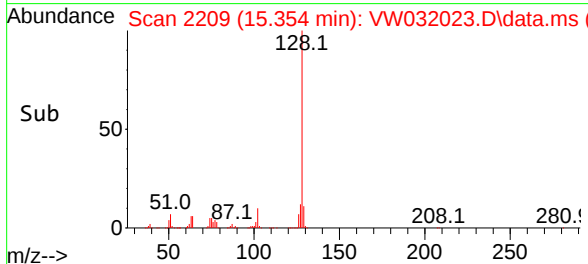
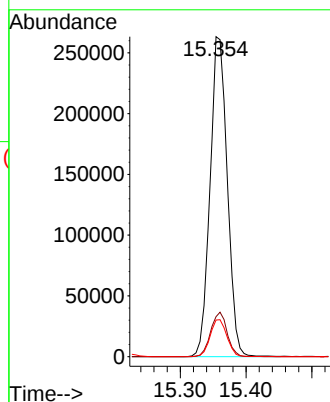
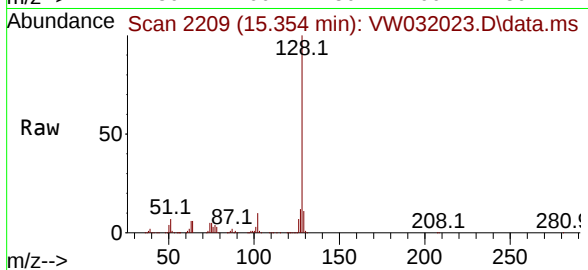




#95
Naphthalene
Concen: 55.781 ug/l
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 480165
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.3 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 52.599 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW032023.D
Acq: 06 Aug 2025 09:34

Tgt Ion:180 Resp: 166860
Ion Ratio Lower Upper
180 100
182 103.5 50.4 151.2
145 39.7 18.6 55.8

