

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032021.D
 Acq On : 05 Aug 2025 18:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 03:58:19 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	7.965	168	217639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	410903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	370464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	175601	53.336	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.680%	
35) Dibromofluoromethane	7.898	113	145710	52.186	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.380%	
50) Toluene-d8	10.325	98	546663	51.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.617	95	209445	51.617	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65191	40.302	ug/l	97
3) Chloromethane	2.253	50	92199	44.409	ug/l	100
4) Vinyl Chloride	2.405	62	119452	44.292	ug/l	98
5) Bromomethane	2.826	94	90518	45.579	ug/l	99
6) Chloroethane	2.966	64	81283	45.665	ug/l	98
7) Trichlorofluoromethane	3.308	101	107384	39.312	ug/l	96
8) Diethyl Ether	3.722	74	85543	46.881	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	116272	44.254	ug/l	99
10) Methyl Iodide	4.314	142	178089	45.334	ug/l	99
11) Tert butyl alcohol	5.240	59	51633	266.800	ug/l	98
12) 1,1-Dichloroethene	4.082	96	128655	44.333	ug/l	99
13) Acrolein	3.936	56	14352	45.337	ug/l	97
14) Allyl chloride	4.704	41	204718	45.316	ug/l	99
15) Acrylonitrile	5.405	53	209336	256.612	ug/l	100
16) Acetone	4.167	43	163893	209.782	ug/l	97
17) Carbon Disulfide	4.423	76	339828	45.152	ug/l	99
18) Methyl Acetate	4.716	43	133649	62.093	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	264605	52.771	ug/l	99
20) Methylene Chloride	4.960	84	152433	45.171	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	143368	46.562	ug/l	91
22) Diisopropyl ether	6.344	45	439293	48.596	ug/l	98
23) Vinyl Acetate	6.283	43	1400522	237.144	ug/l	99
24) 1,1-Dichloroethane	6.246	63	264705	47.032	ug/l	99
25) 2-Butanone	7.197	43	265877	248.732	ug/l	94
26) 2,2-Dichloropropane	7.185	77	134746	42.288	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	173536	47.940	ug/l	99
28) Bromochloromethane	7.532	49	119399	50.668	ug/l	96
29) Tetrahydrofuran	7.557	42	188060	268.343	ug/l	99
30) Chloroform	7.697	83	277930	47.097	ug/l	100
31) Cyclohexane	7.971	56	216299	42.837	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	204934	45.637	ug/l	98
36) 1,1-Dichloropropene	8.099	75	189032	44.085	ug/l	99
37) Ethyl Acetate	7.276	43	119920	49.025	ug/l	100
38) Carbon Tetrachloride	8.081	117	181586	44.126	ug/l	98
39) Methylcyclohexane	9.343	83	243664	45.154	ug/l	98
40) Benzene	8.331	78	603141	47.517	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	73823	50.416	ug/l	96
42) 1,2-Dichloroethane	8.410	62	191225	47.072	ug/l	99
43) Isopropyl Acetate	8.435	43	222237	50.186	ug/l	100
44) Trichloroethene	9.099	130	142990	47.393	ug/l	97
45) 1,2-Dichloropropane	9.374	63	144792	47.365	ug/l	98
46) Dibromomethane	9.465	93	91601	48.339	ug/l	98
47) Bromodichloromethane	9.654	83	215372	47.397	ug/l	98
48) Methyl methacrylate	9.441	41	110042	52.233	ug/l	99
49) 1,4-Dioxane	9.471	88	22785	1205.006	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	633871	261.558	ug/l	99
52) Toluene	10.392	92	376628	46.157	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	205849	47.226	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	233749	46.959	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	125206	49.742	ug/l	93
56) Ethyl methacrylate	10.648	69	184350	51.857	ug/l	98
57) 1,3-Dichloropropane	10.934	76	222791	50.240	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	231035	126.524	ug/l	100
59) 2-Hexanone	10.971	43	440614	261.565	ug/l	99
60) Dibromochloromethane	11.129	129	144058	49.086	ug/l	99
61) 1,2-Dibromoethane	11.239	107	123381	49.606	ug/l	100
64) Tetrachloroethene	10.867	164	119334	48.857	ug/l	92
65) Chlorobenzene	11.654	112	419681	46.287	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	127881	45.496	ug/l	99
67) Ethyl Benzene	11.727	91	730696	45.868	ug/l	98
68) m/p-Xylenes	11.837	106	560554	93.470	ug/l	98
69) o-Xylene	12.166	106	264639	46.628	ug/l	99
70) Styrene	12.178	104	470881	48.730	ug/l	99
71) Bromoform	12.349	173	72956	47.458	ug/l #	97
73) Isopropylbenzene	12.458	105	657643	43.338	ug/l	99
74) N-amyl acetate	12.269	43	198195	48.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	154588	47.994	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	196356	81.319	ug/l #	100
77) Bromobenzene	12.745	156	151363	46.101	ug/l	94
78) n-propylbenzene	12.800	91	807093	43.305	ug/l	99
79) 2-Chlorotoluene	12.885	91	499683	44.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	564113	44.325	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	48643	46.509	ug/l	99
82) 4-Chlorotoluene	12.983	91	500917	42.909	ug/l	98
83) tert-Butylbenzene	13.202	119	479871	44.266	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	569184	44.186	ug/l	99
85) sec-Butylbenzene	13.379	105	701720	43.103	ug/l	100
86) p-Isopropyltoluene	13.495	119	591025	43.922	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	291114	42.595	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	294924	44.050	ug/l	96
89) n-Butylbenzene	13.818	91	566893	42.946	ug/l	99
90) Hexachloroethane	14.086	117	100512	43.197	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	267724	44.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	27444	47.161	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	173311	47.446	ug/l	88
94) Hexachlorobutadiene	15.226	225	73011	42.181	ug/l	95
95) Naphthalene	15.354	128	448015	49.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152078	45.950	ug/l	92

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ClientSampleId :
VSTDCCC050EC

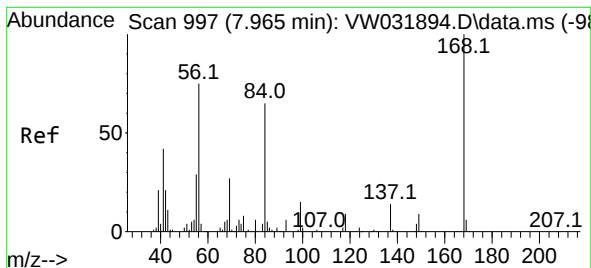
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

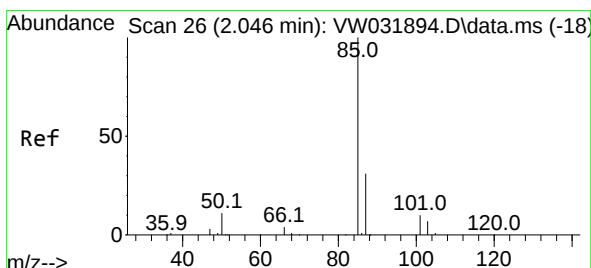
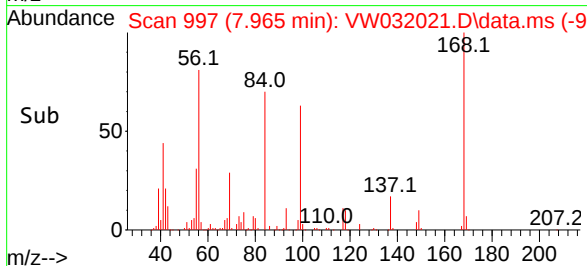
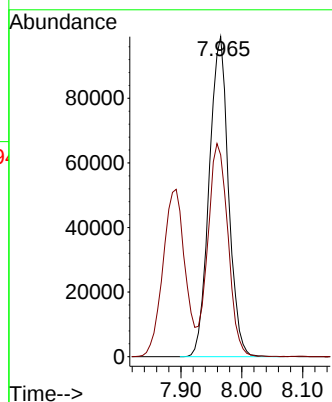
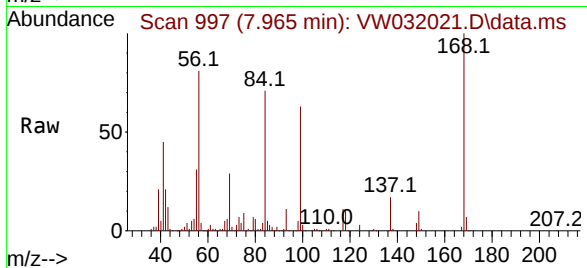
VSTDCCC050EC

Tgt Ion:168 Resp: 217639

Ion Ratio Lower Upper

168 100

99 63.0 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 40.302 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032021.D

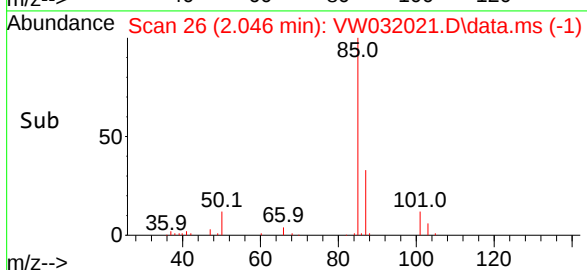
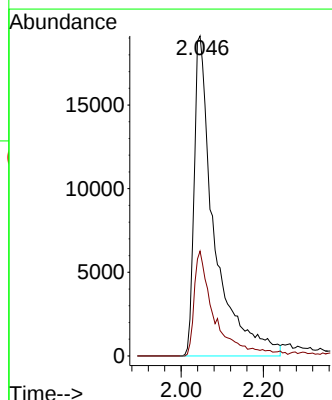
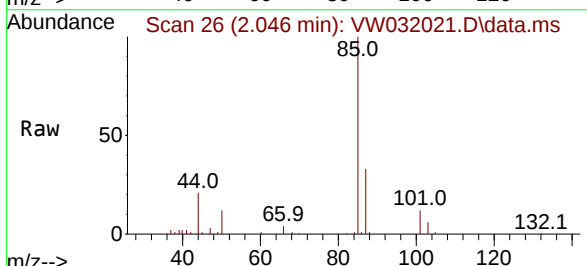
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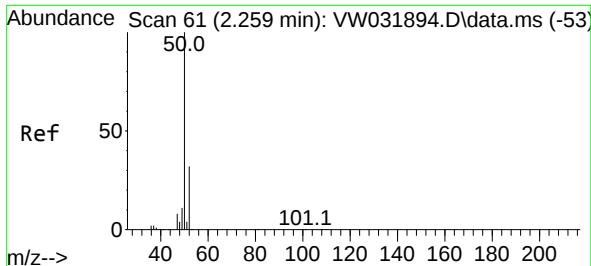
Tgt Ion: 85 Resp: 65191

Ion Ratio Lower Upper

85 100

87 32.8 15.5 46.5

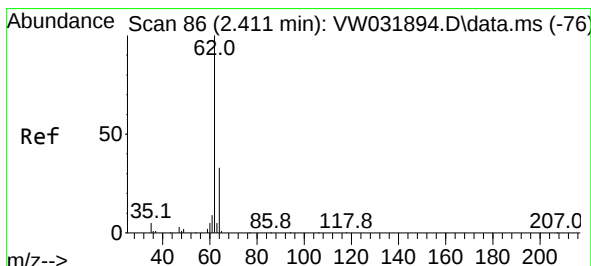
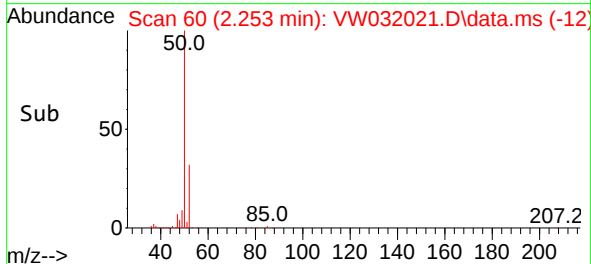
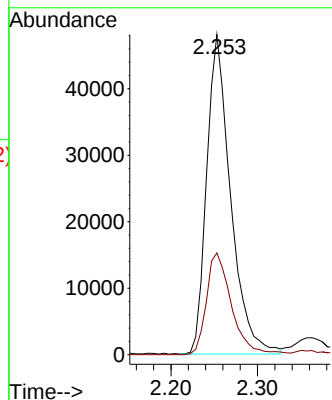
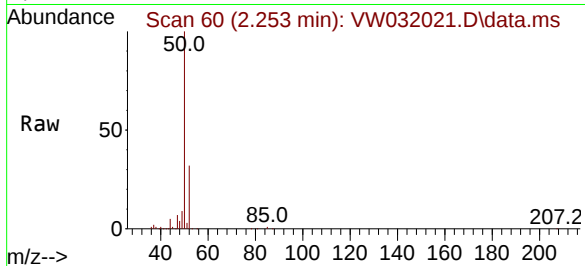




#3
Chloromethane
Concen: 44.409 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

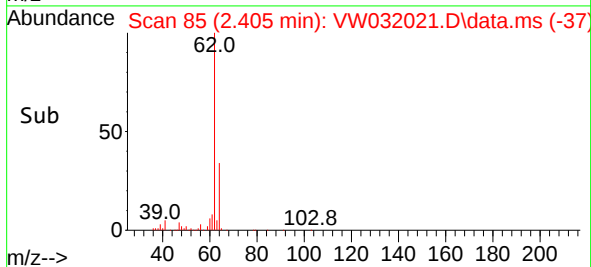
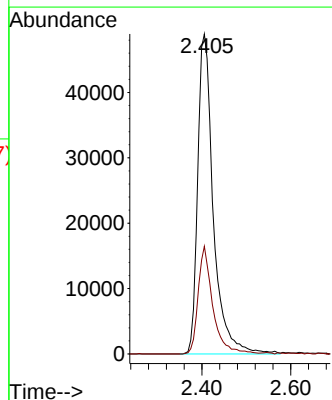
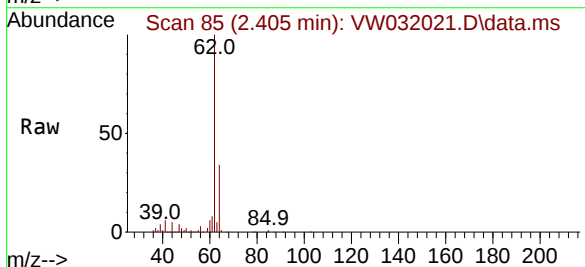
Instrument :
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ClientSampleId :
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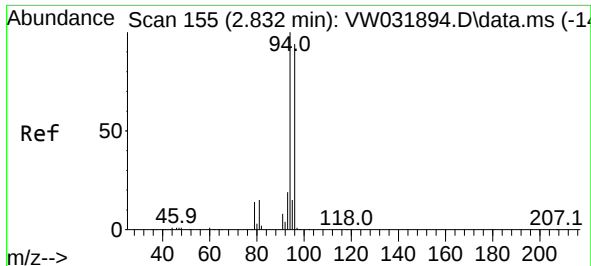
Tgt Ion: 50 Resp: 92199
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 44.292 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 62 Resp: 119452
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2

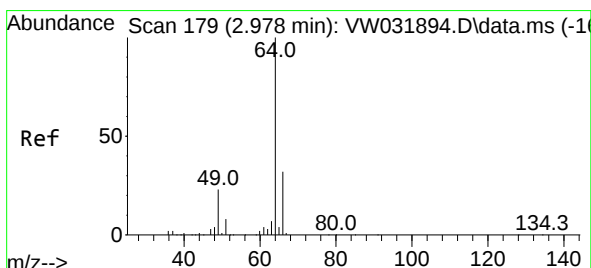
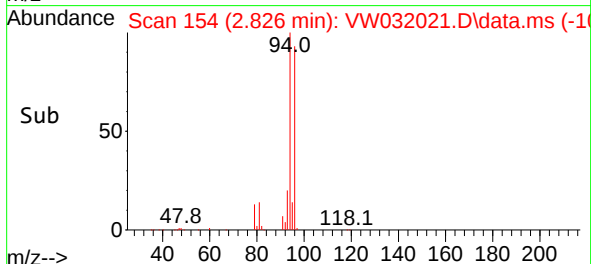
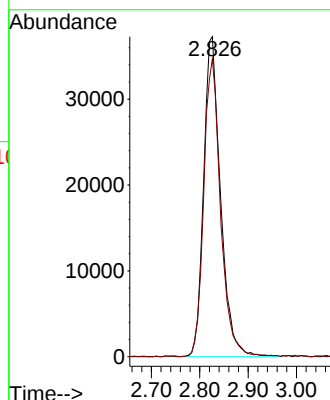
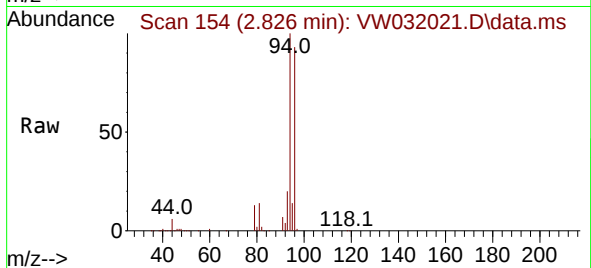




#5
Bromomethane
Concen: 45.579 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

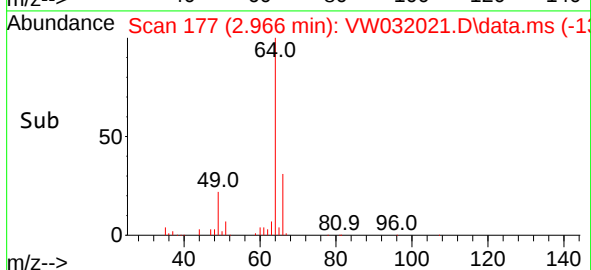
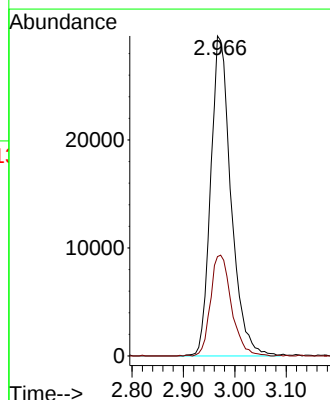
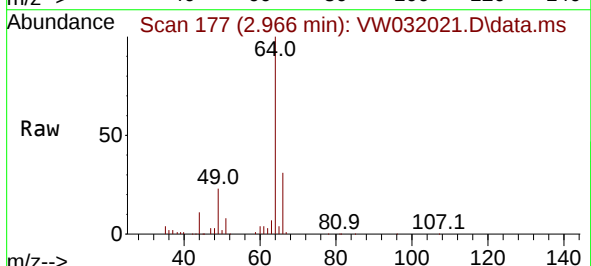
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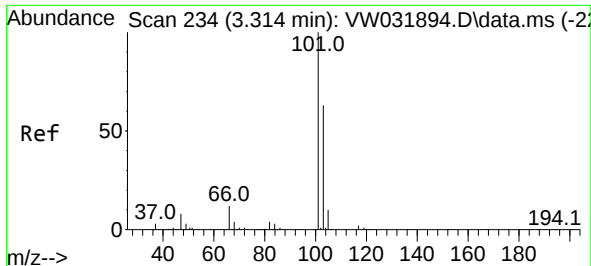
Tgt Ion: 94 Resp: 90518
Ion Ratio Lower Upper
94 100
96 93.0 75.0 112.6



#6
Chloroethane
Concen: 45.665 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 64 Resp: 81283
Ion Ratio Lower Upper
64 100
66 30.9 25.6 38.4

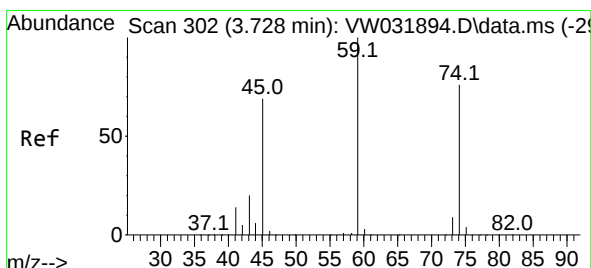
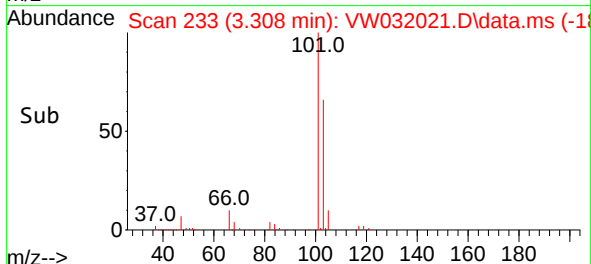
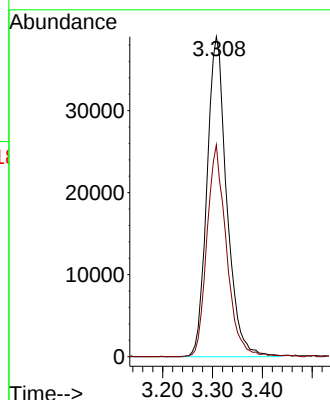
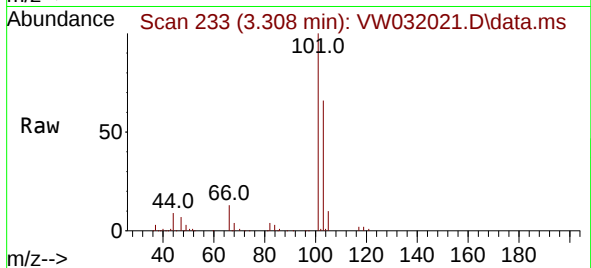




#7
 Trichlorofluoromethane
 Concen: 39.312 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

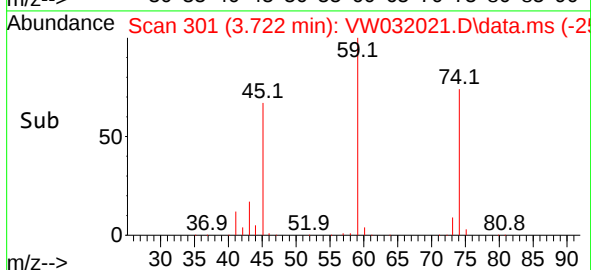
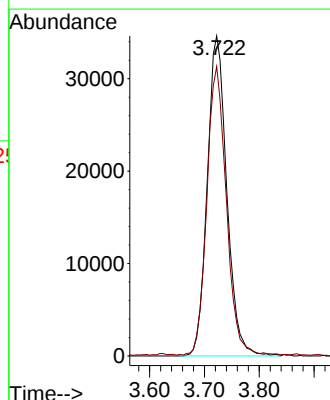
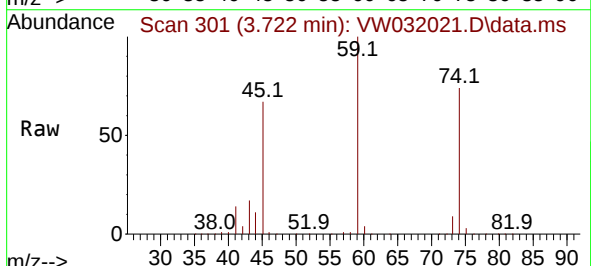
Instrument :
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 VSTDCCC050EC

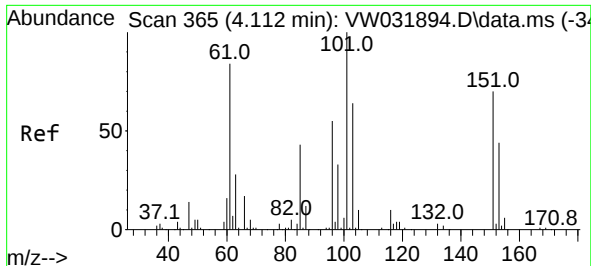
Tgt Ion:101 Resp: 107384
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.881 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

Tgt Ion: 74 Resp: 85543
 Ion Ratio Lower Upper
 74 100
 45 90.0 45.5 136.5

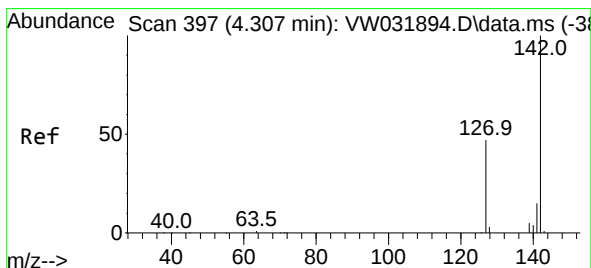
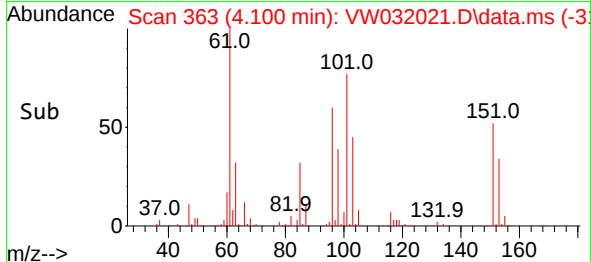
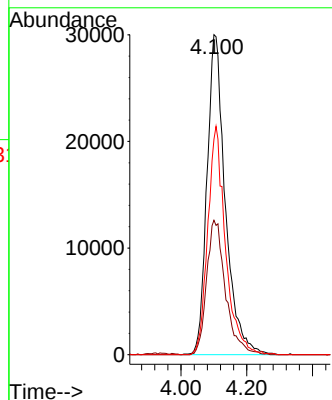
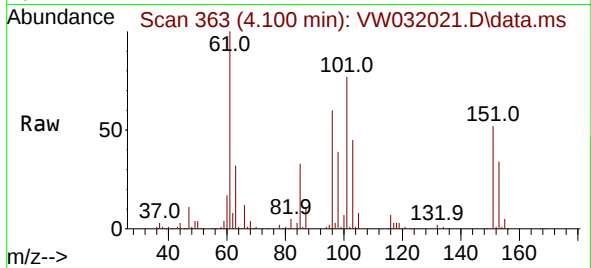




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.254 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

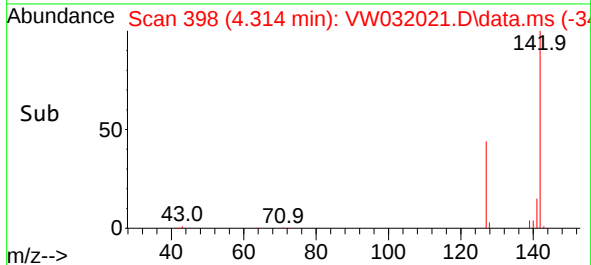
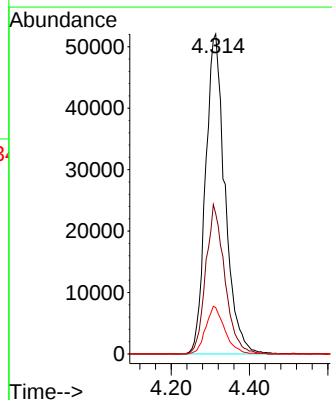
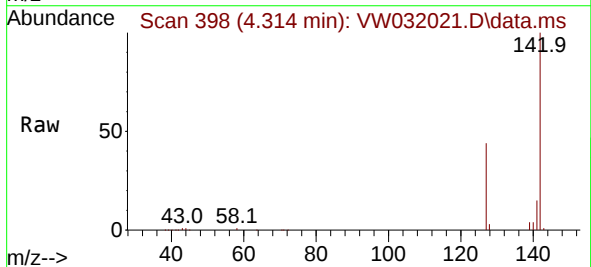
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

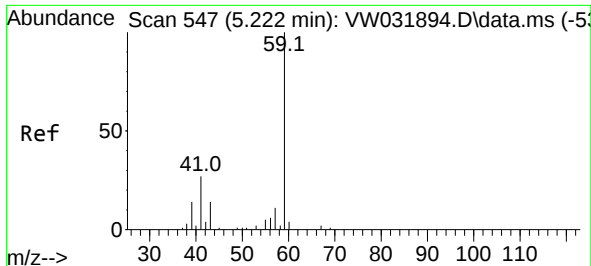
Tgt Ion:101 Resp: 116272
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.5 53.3
 151 69.1 54.6 81.8



#10
 Methyl Iodide
 Concen: 45.334 ug/l
 RT: 4.314 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

Tgt Ion:142 Resp: 178089
 Ion Ratio Lower Upper
 142 100
 127 46.0 37.4 56.2
 141 14.7 11.9 17.9

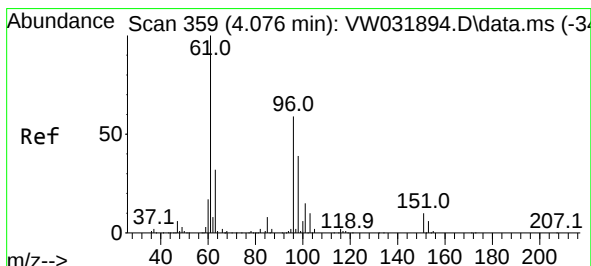
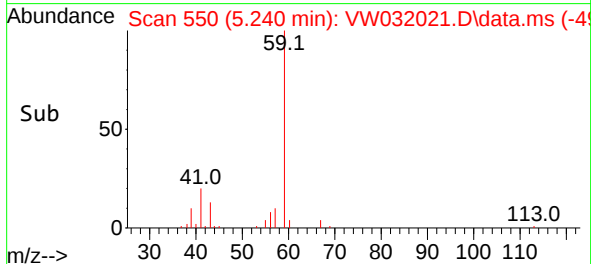
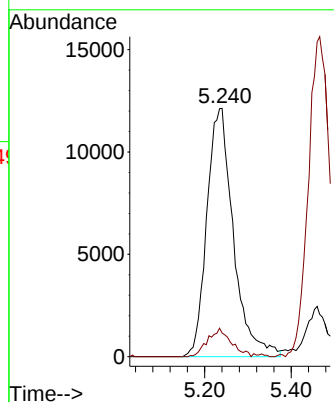
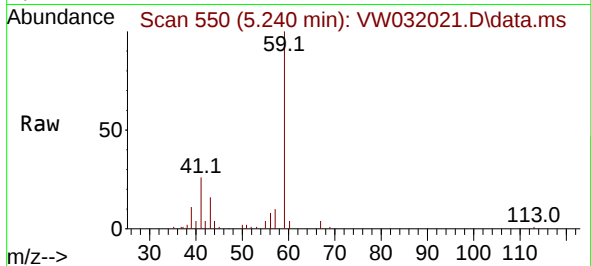




#11
Tert butyl alcohol
Concen: 266.800 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.018 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

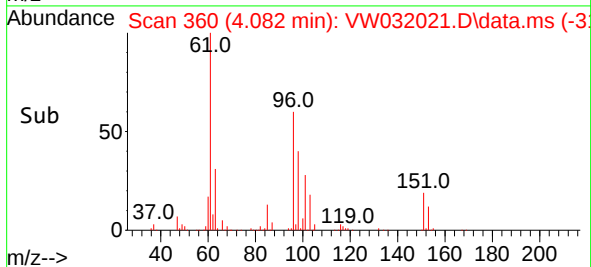
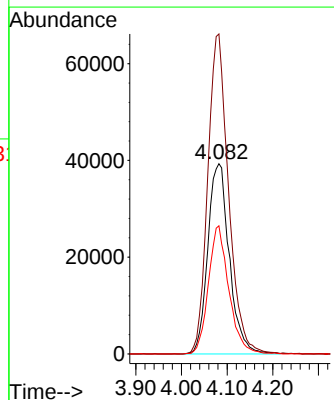
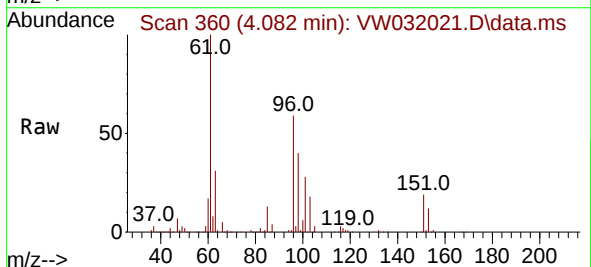
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 51633
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 44.333 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 96 Resp: 128655
Ion Ratio Lower Upper
96 100
61 168.2 135.0 202.6
98 67.4 52.3 78.5

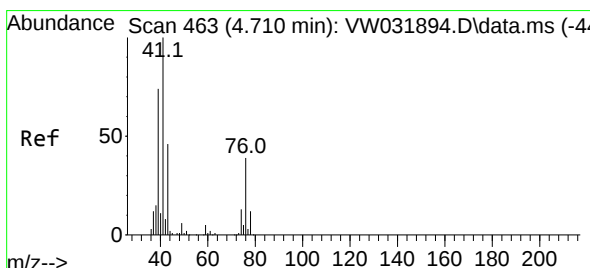
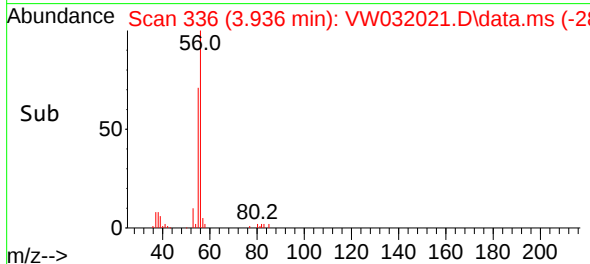
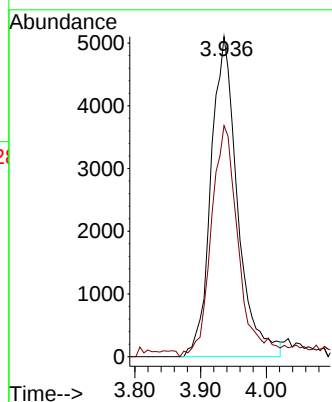
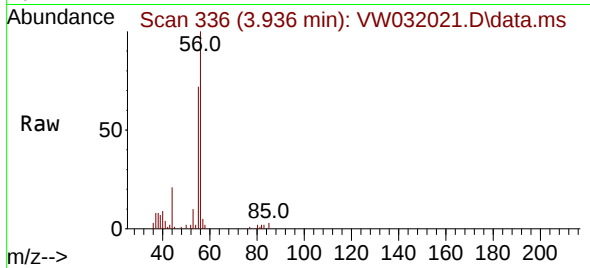




#13
Acrolein
Concen: 45.337 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

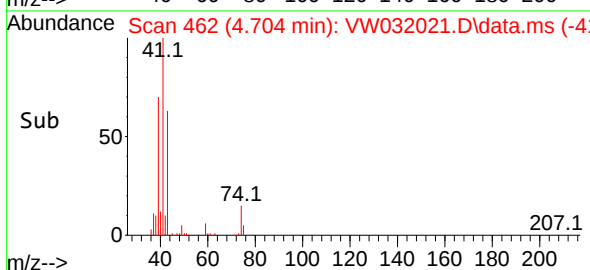
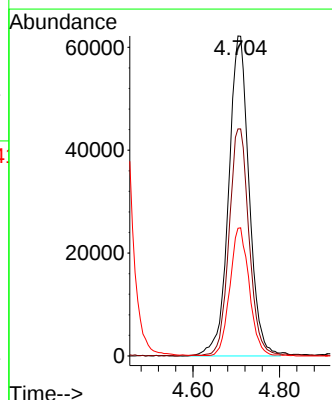
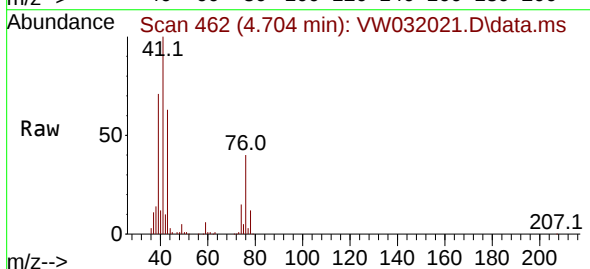
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

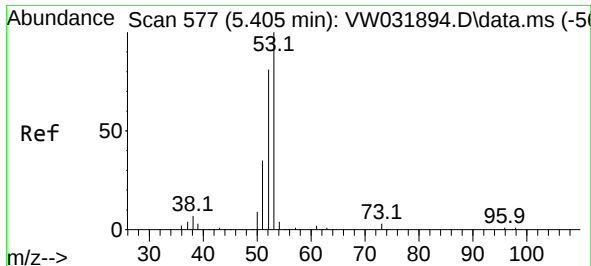
Tgt Ion: 56 Resp: 14352
Ion Ratio Lower Upper
56 100
55 73.2 56.7 85.1



#14
Allyl chloride
Concen: 45.316 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 41 Resp: 204718
Ion Ratio Lower Upper
41 100
39 69.9 56.6 85.0
76 38.1 30.1 45.1

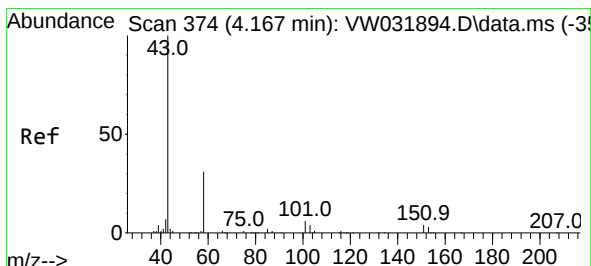
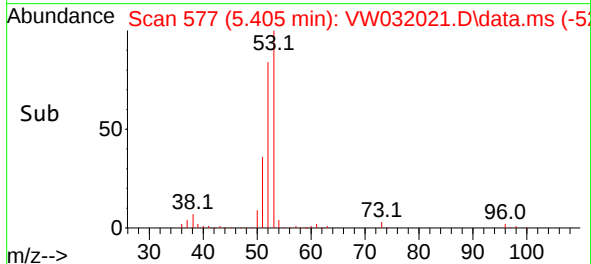
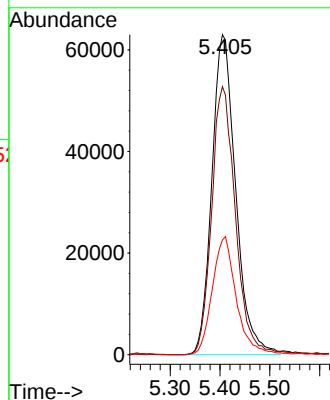
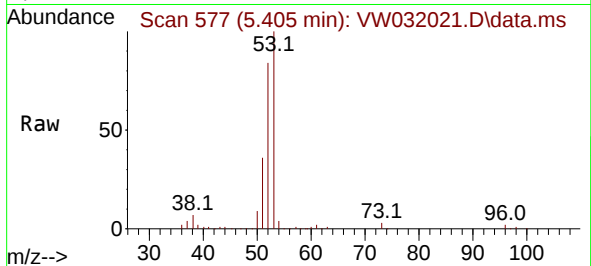




#15
Acrylonitrile
Concen: 256.612 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

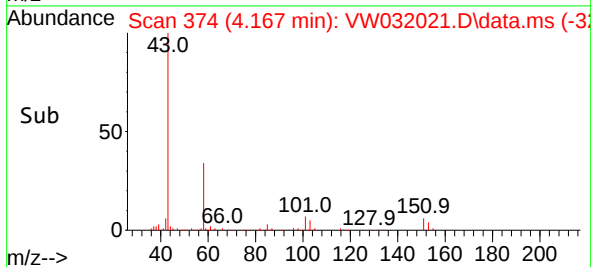
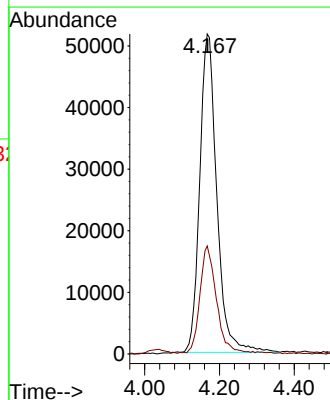
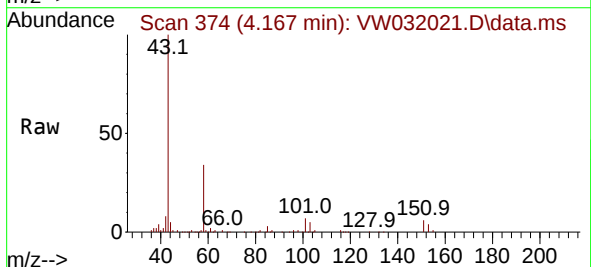
Instrument :
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ClientSampleId :
VSTDCCC050EC

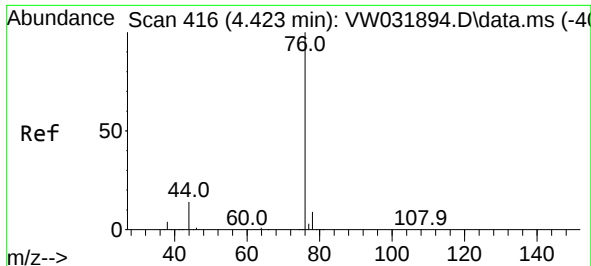
Tgt Ion: 53 Resp: 209336
Ion Ratio Lower Upper
53 100
52 83.5 67.0 100.4
51 37.1 29.9 44.9



#16
Acetone
Concen: 209.782 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 43 Resp: 163893
Ion Ratio Lower Upper
43 100
58 33.6 25.5 38.3

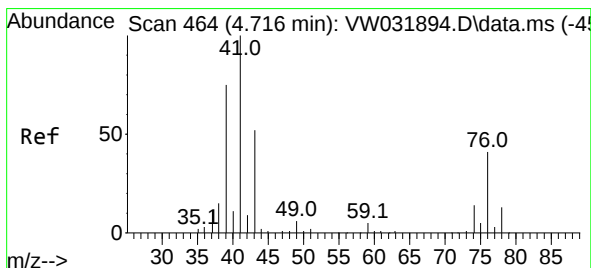
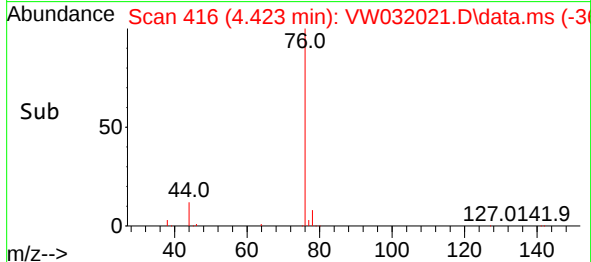
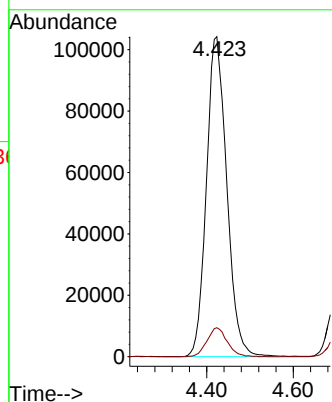
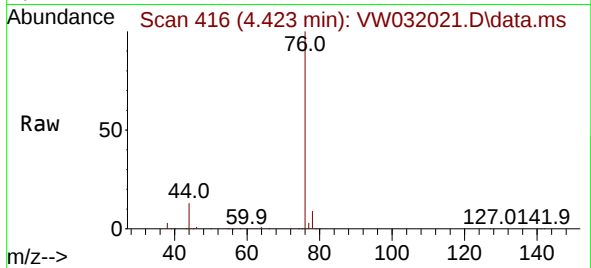




#17
Carbon Disulfide
Concen: 45.152 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

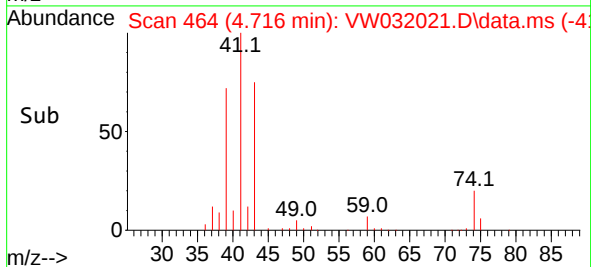
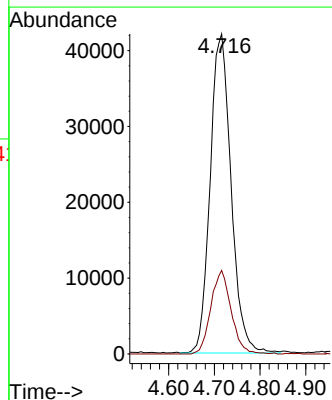
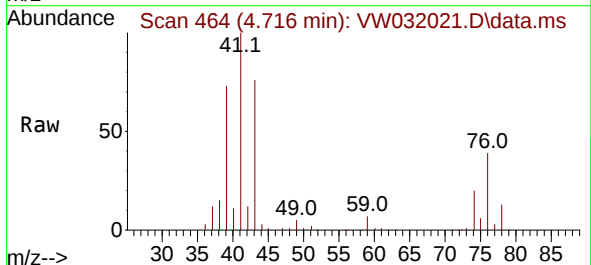
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

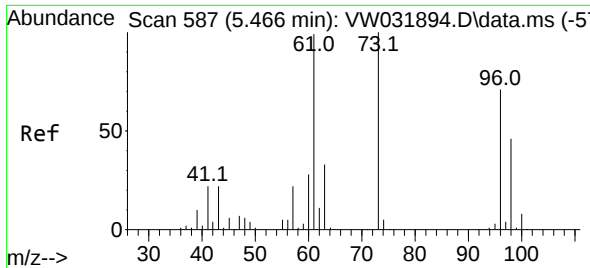
Tgt Ion: 76 Resp: 339828
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 62.093 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 43 Resp: 133649
Ion Ratio Lower Upper
43 100
74 25.4 20.6 31.0

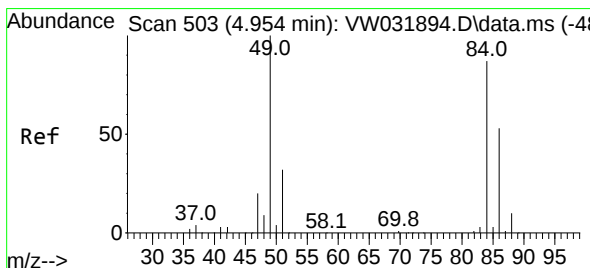
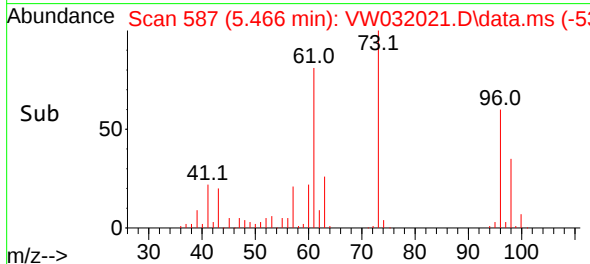
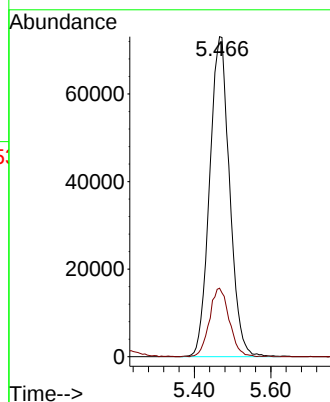
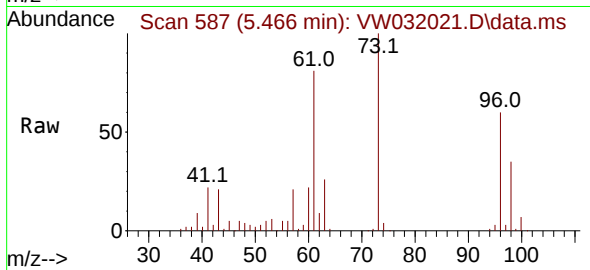




#19
Methyl tert-butyl Ether
Concen: 52.771 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

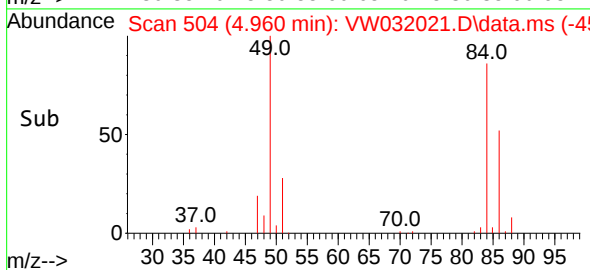
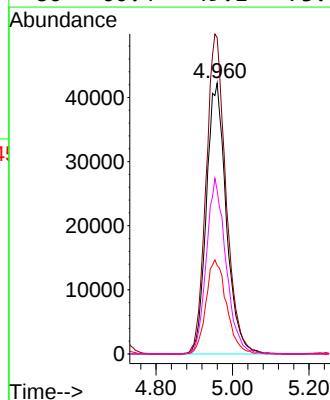
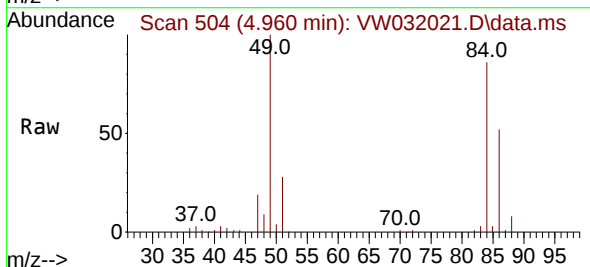
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

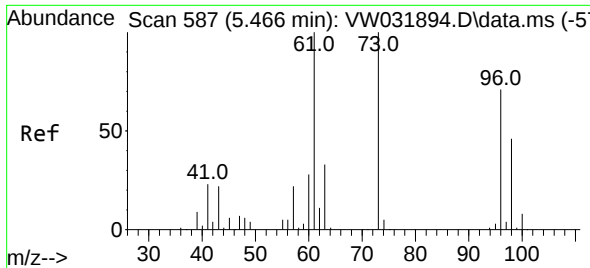
Tgt Ion: 73 Resp: 264605
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 45.171 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 84 Resp: 152433
Ion Ratio Lower Upper
84 100
49 116.8 91.9 137.9
51 32.7 29.0 43.6
86 60.4 49.1 73.7

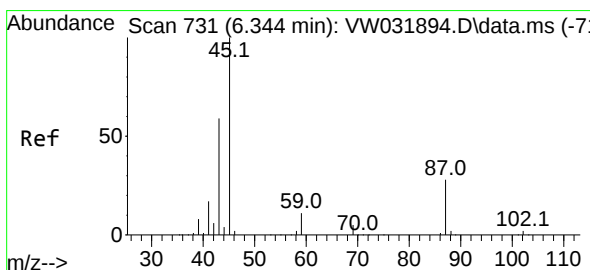
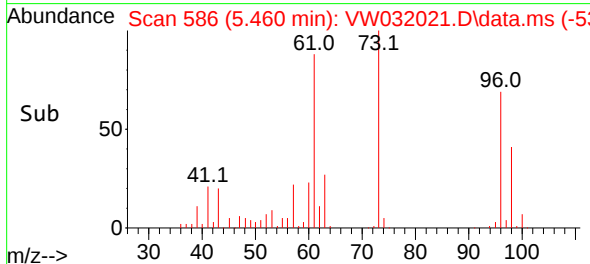
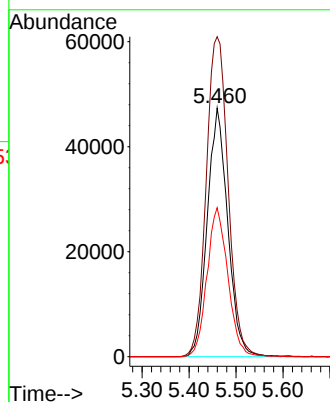
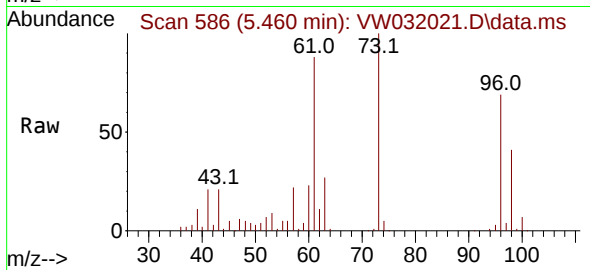




#21
trans-1,2-Dichloroethene
Concen: 46.562 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

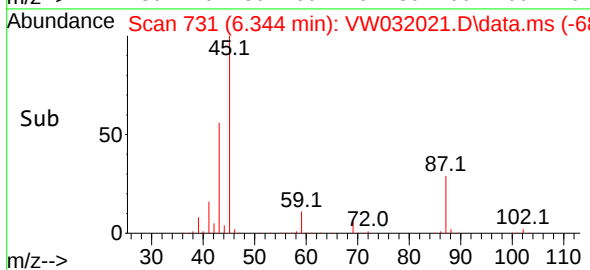
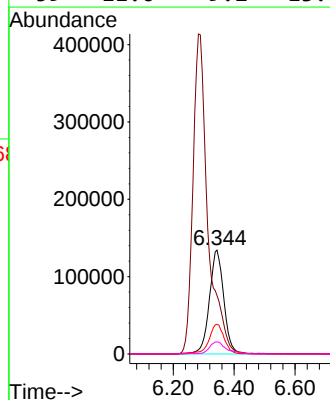
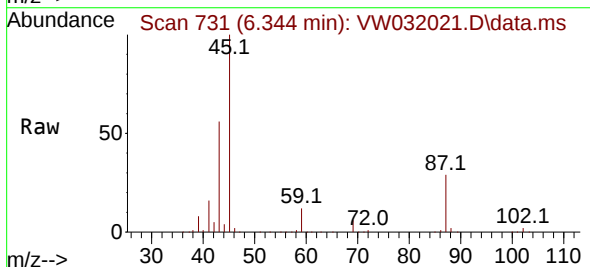
Instrument :
MSVOA_W
ClientSampleId :
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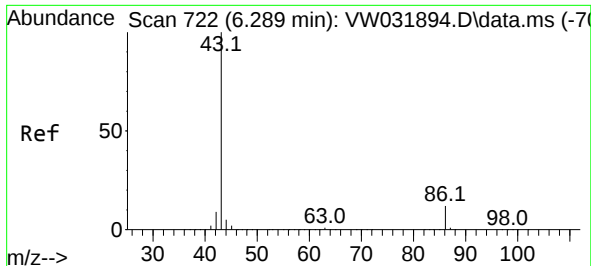
Tgt Ion: 96 Resp: 143368
Ion Ratio Lower Upper
96 100
61 128.7 112.8 169.2
98 59.9 51.9 77.9



#22
Diisopropyl ether
Concen: 48.596 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 45 Resp: 439293
Ion Ratio Lower Upper
45 100
43 56.1 47.0 70.6
87 28.6 22.8 34.2
59 11.6 9.2 13.8

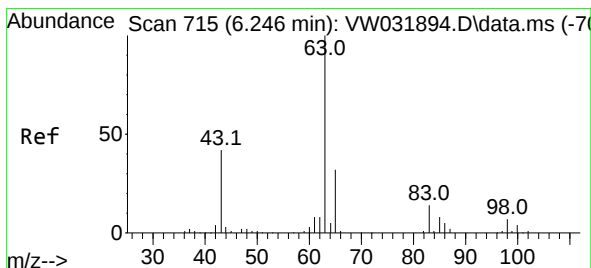
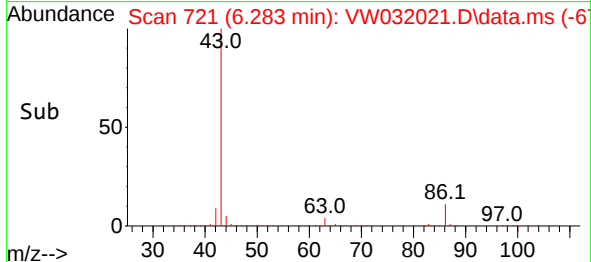
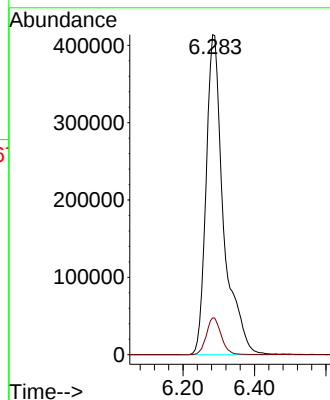
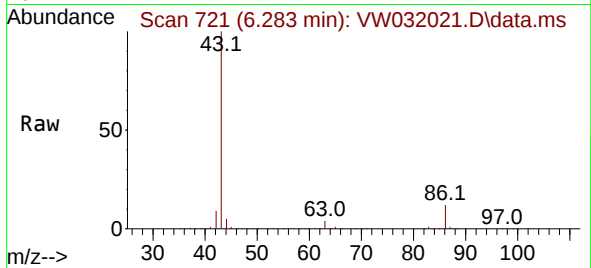




#23
 Vinyl Acetate
 Concen: 237.144 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

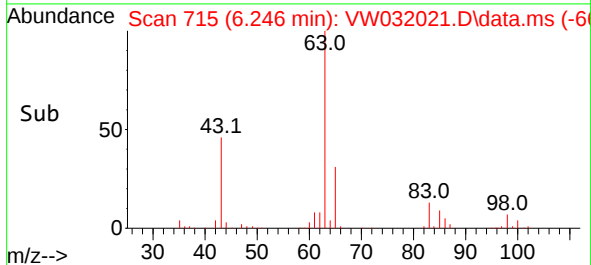
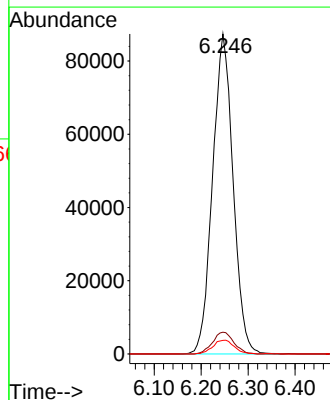
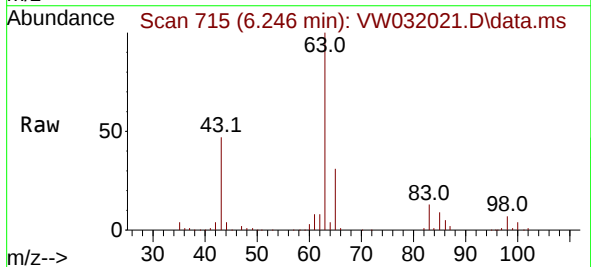
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

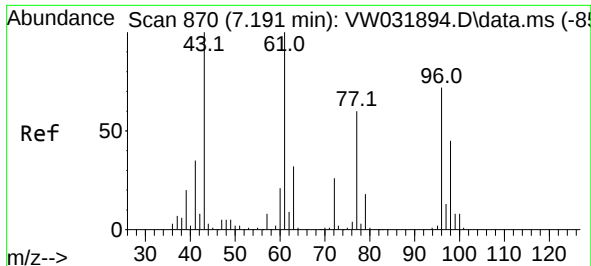
Tgt Ion: 43 Resp: 1400522
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 47.032 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

Tgt Ion: 63 Resp: 264705
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.2 2.2 6.6

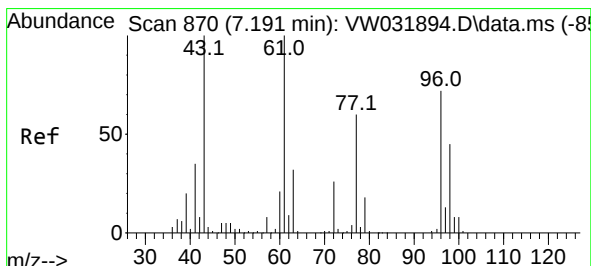
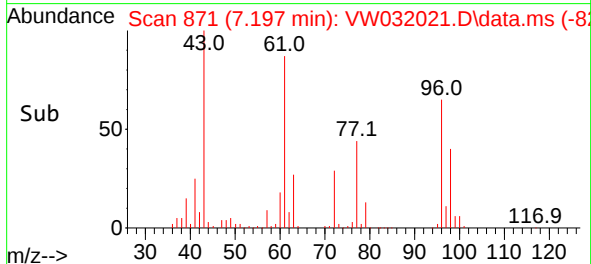
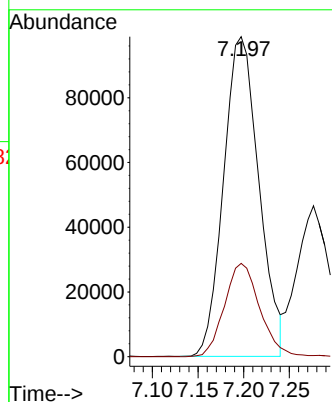
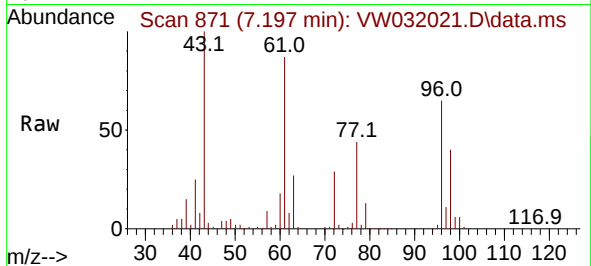




#25
2-Butanone
Concen: 248.732 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

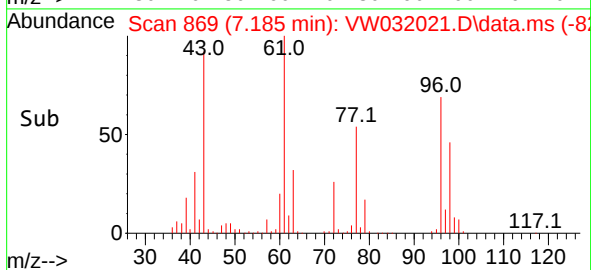
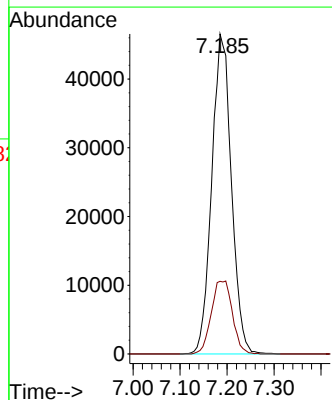
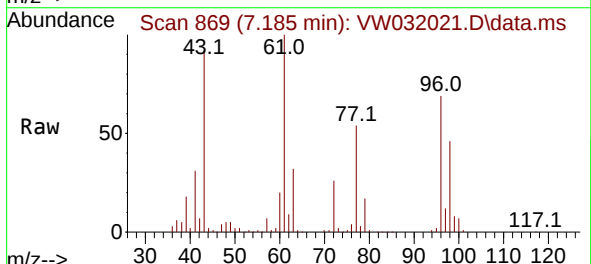
Instrument :
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ClientSampleId :
VSTDCCC050EC

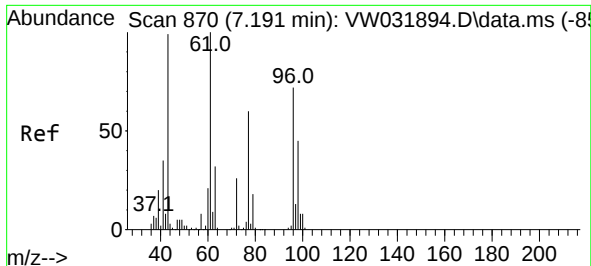
Tgt Ion: 43 Resp: 265877
Ion Ratio Lower Upper
43 100
72 29.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 42.288 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 77 Resp: 134746
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.1

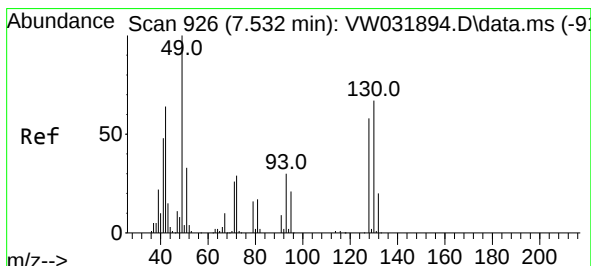
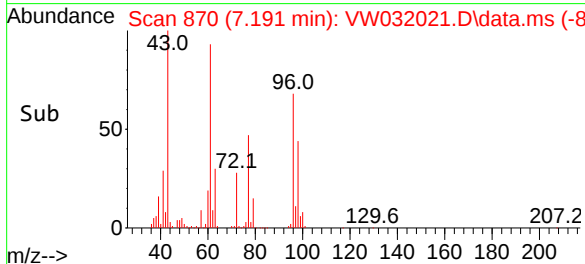
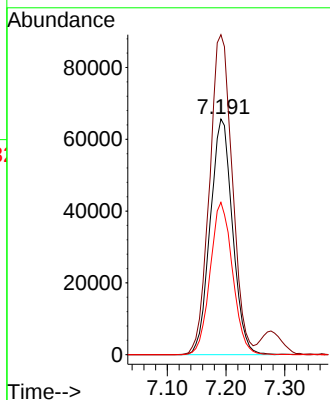
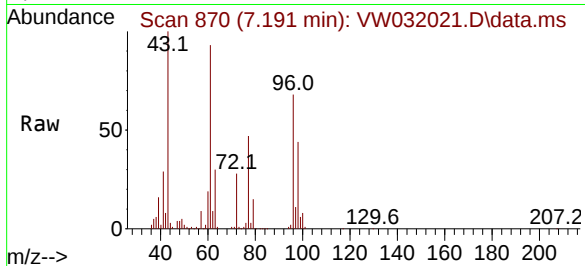




#27
 cis-1,2-Dichloroethene
 Concen: 47.940 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

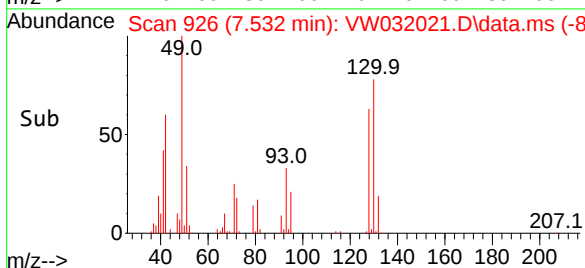
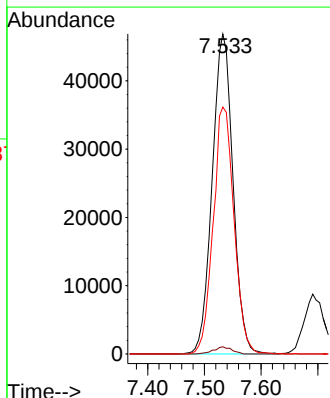
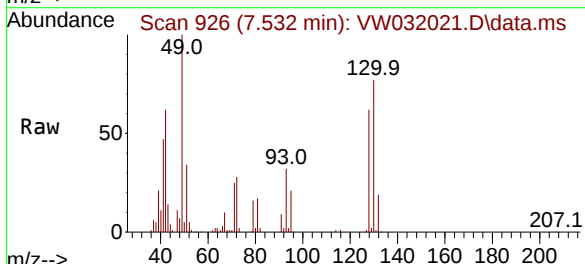
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

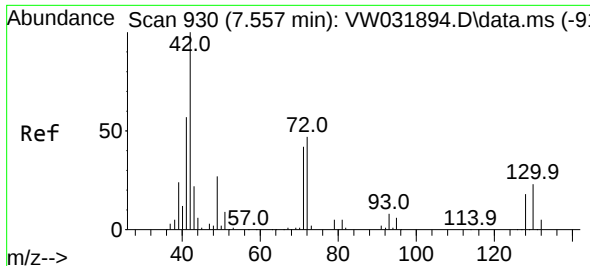
Tgt Ion: 96 Resp: 173536
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 280.2
 98 64.6 0.0 126.8



#28
 Bromochloromethane
 Concen: 50.668 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032021.D
 Acq: 05 Aug 2025 18:14

Tgt Ion: 49 Resp: 119399
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 77.3 59.0 88.4

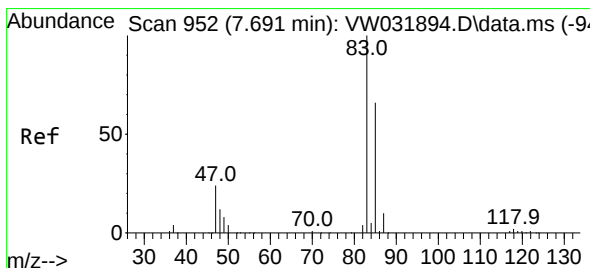
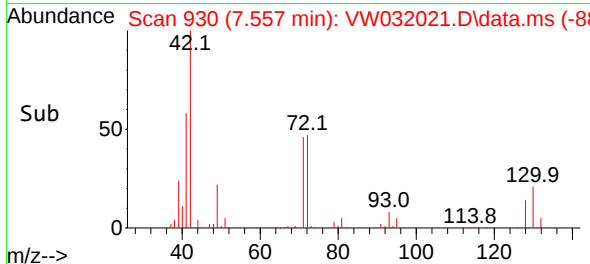
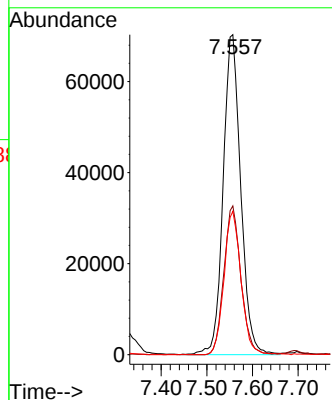
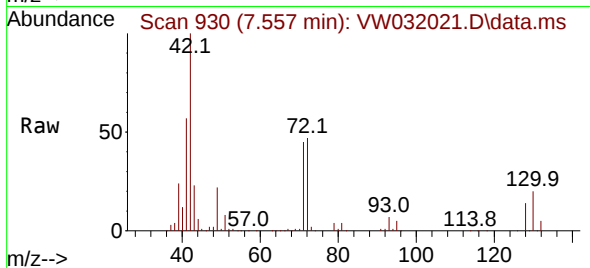




#29
Tetrahydrofuran
Concen: 268.343 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

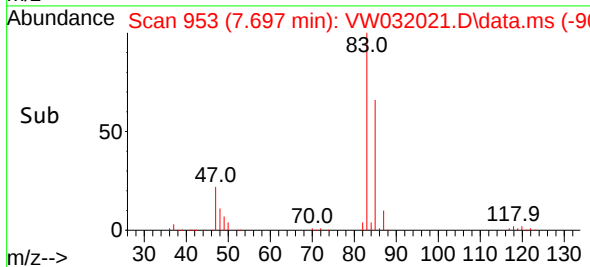
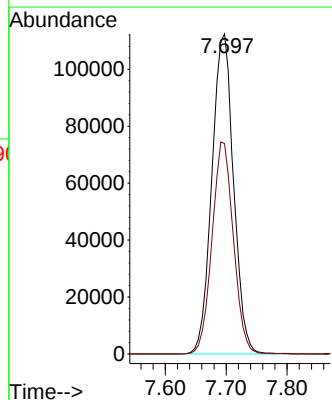
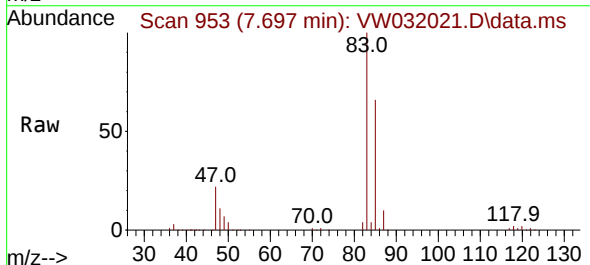
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

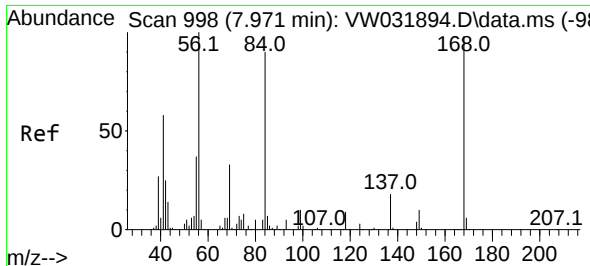
Tgt Ion: 42 Resp: 188060
Ion Ratio Lower Upper
42 100
72 45.2 37.0 55.6
71 43.4 34.5 51.7



#30
Chloroform
Concen: 47.097 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 83 Resp: 277930
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8

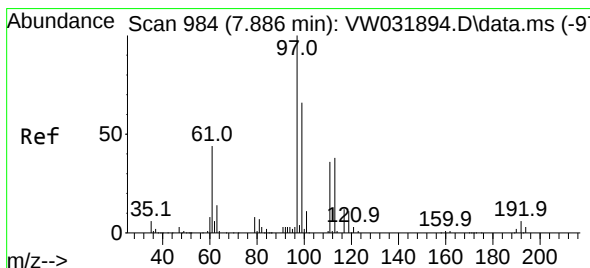
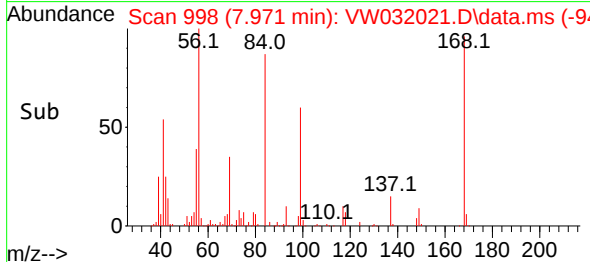
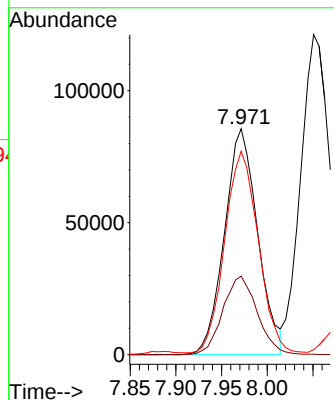
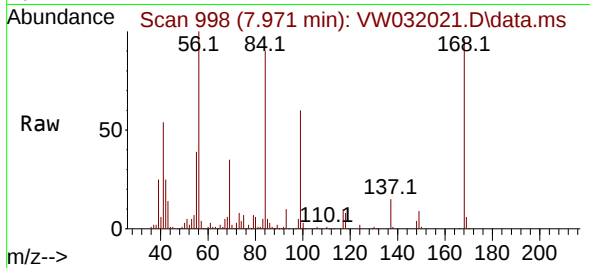




#31
Cyclohexane
Concen: 42.837 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

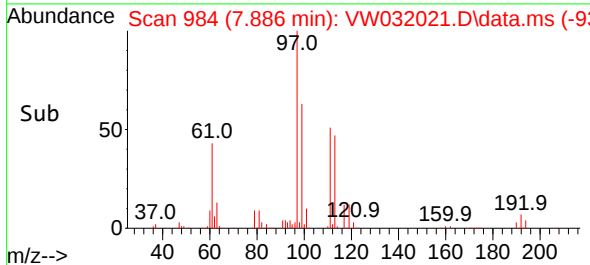
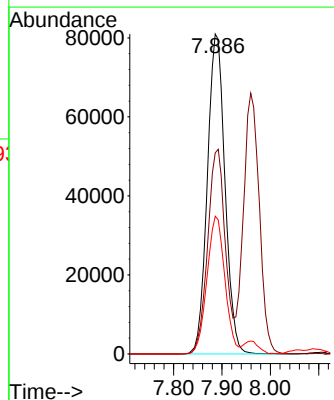
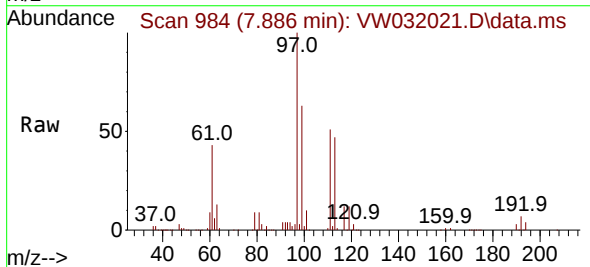
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

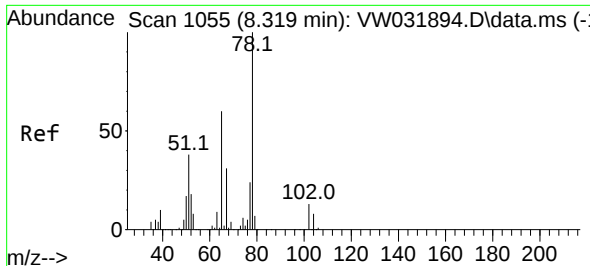
Tgt Ion: 56 Resp: 216299
Ion Ratio Lower Upper
56 100
69 34.8 26.7 40.1
84 89.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 45.637 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 97 Resp: 204934
Ion Ratio Lower Upper
97 100
99 63.4 53.0 79.4
61 43.8 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 53.336 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

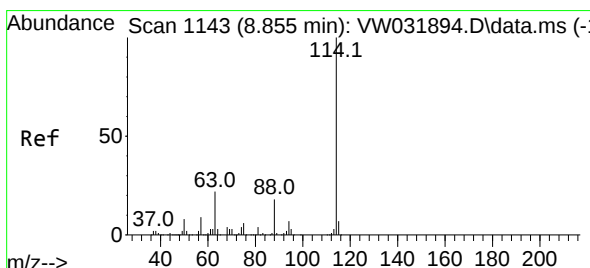
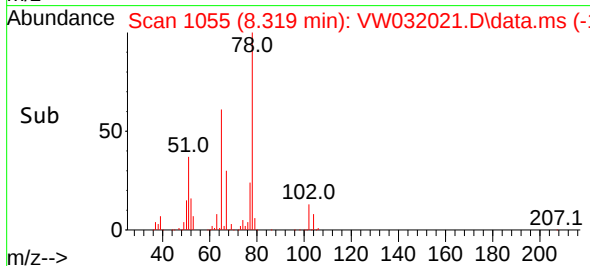
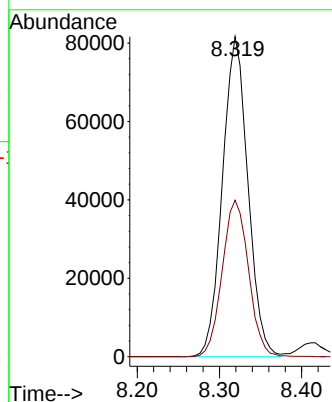
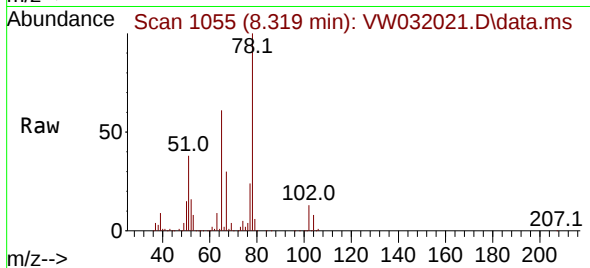
VSTDCCC050EC

Tgt Ion: 65 Resp: 175601

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

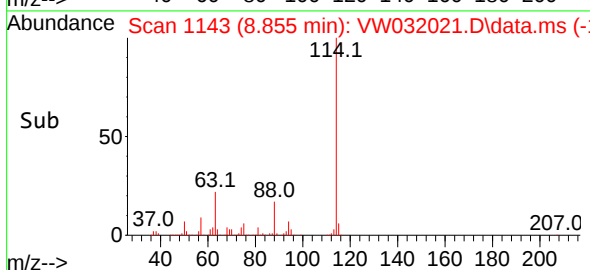
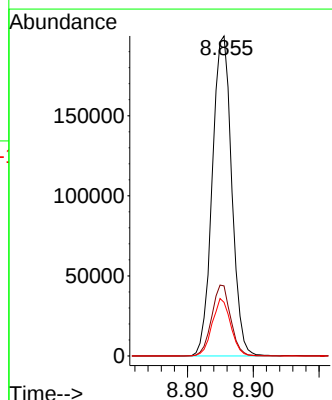
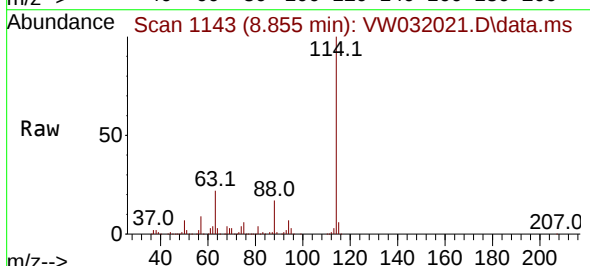
Tgt Ion: 114 Resp: 410903

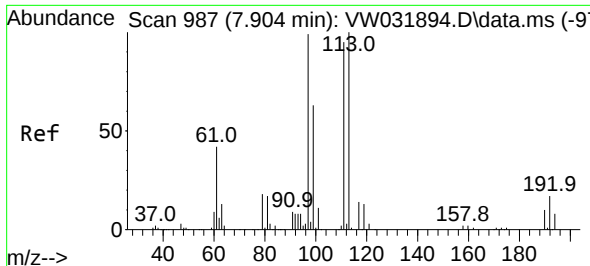
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

88 16.8 0.0 35.6

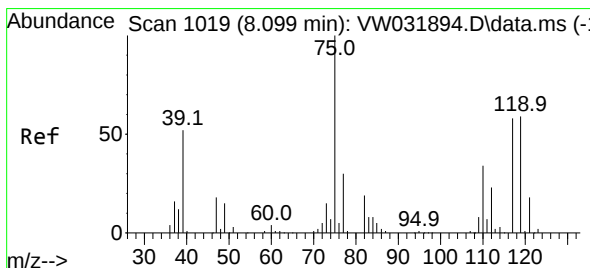
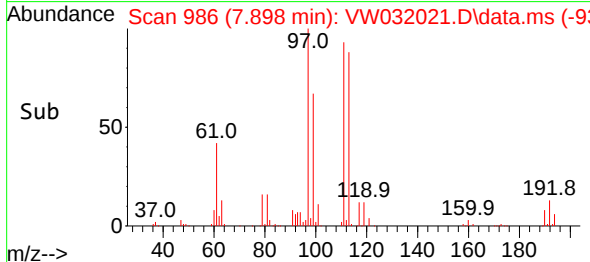
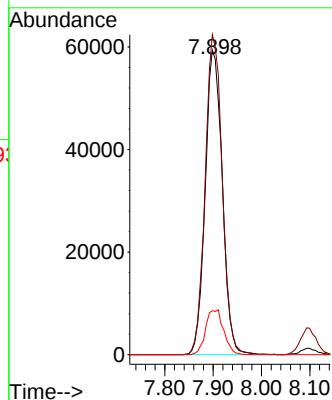
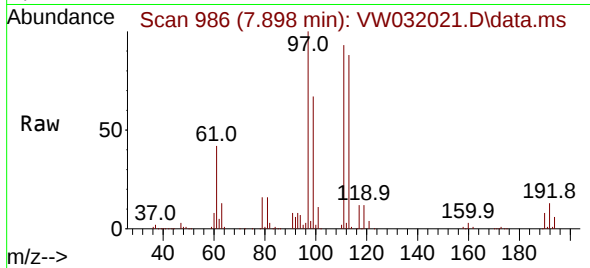




#35
Dibromofluoromethane
Concen: 52.186 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

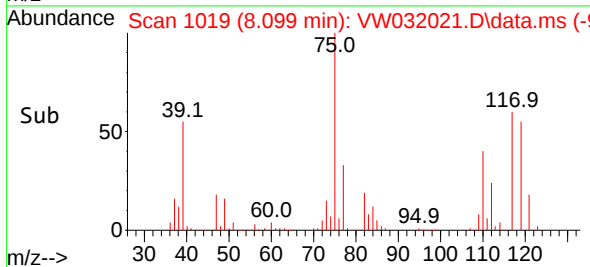
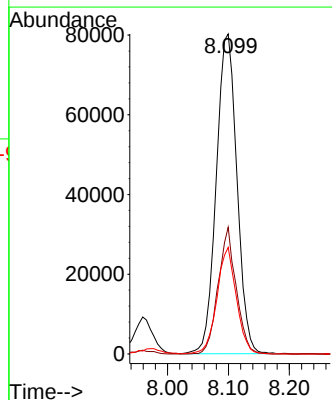
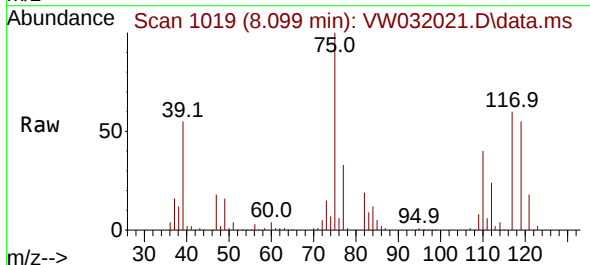
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

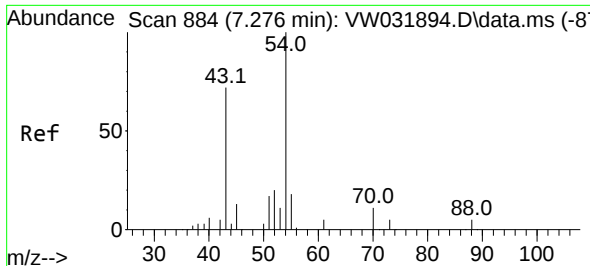
Tgt Ion:113 Resp: 145710
Ion Ratio Lower Upper
113 100
111 105.3 79.9 119.9
192 15.5 12.6 19.0



#36
1,1-Dichloropropene
Concen: 44.085 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 75 Resp: 189032
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 49.025 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

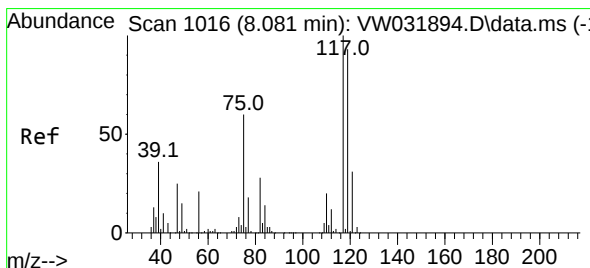
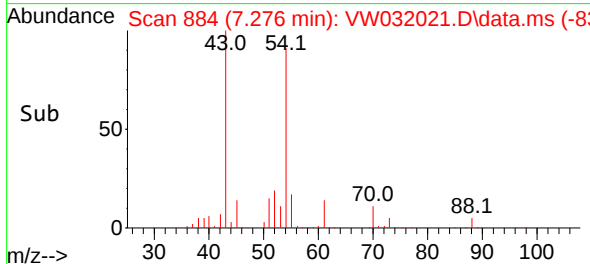
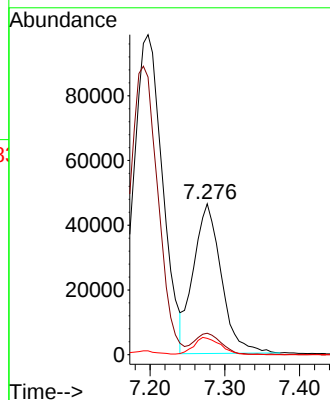
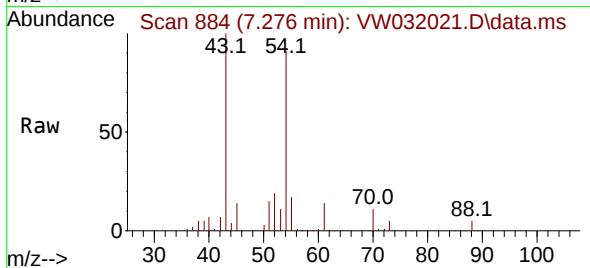
Tgt Ion: 43 Resp: 119920

Ion Ratio Lower Upper

43 100

61 13.4 10.6 15.8

70 11.1 9.0 13.4



#38

Carbon Tetrachloride

Concen: 44.126 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

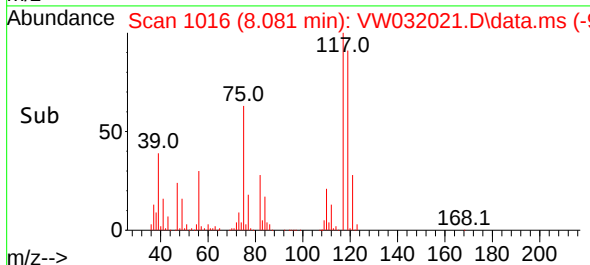
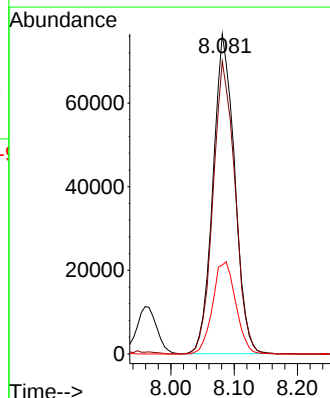
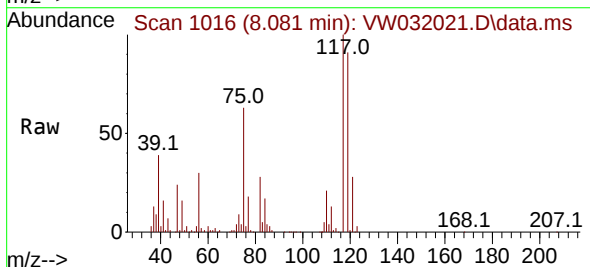
Tgt Ion: 117 Resp: 181586

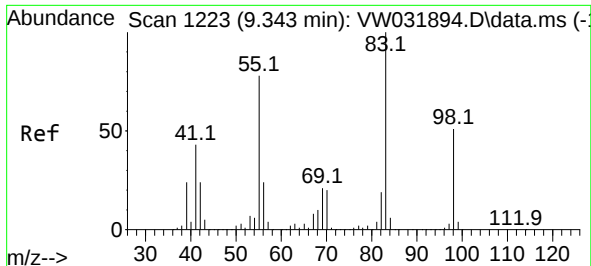
Ion Ratio Lower Upper

117 100

119 91.5 74.3 111.5

121 27.8 24.6 37.0





#39

Methylcyclohexane

Concen: 45.154 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

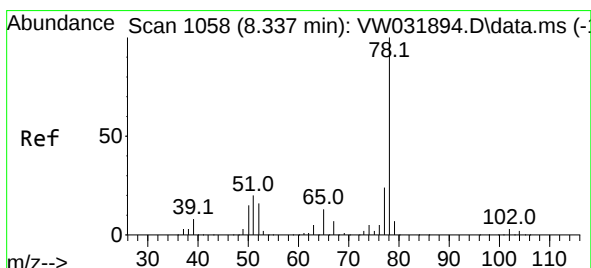
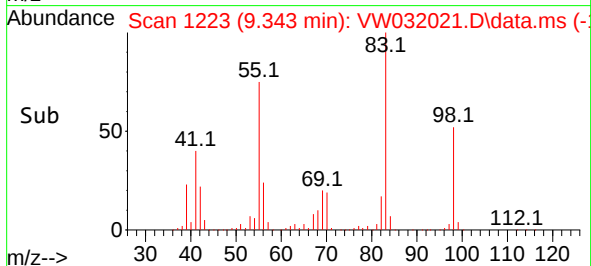
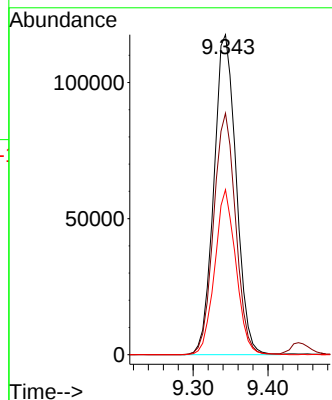
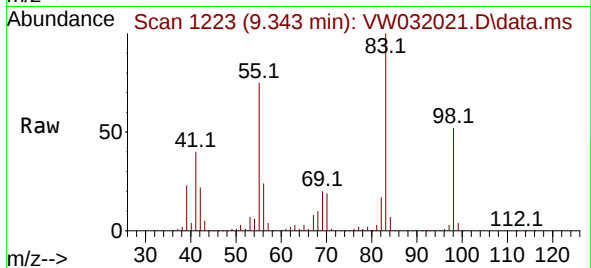
Tgt Ion: 83 Resp: 243664

Ion Ratio Lower Upper

83 100

55 75.5 62.5 93.7

98 51.5 40.6 61.0



#40

Benzene

Concen: 47.517 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032021.D

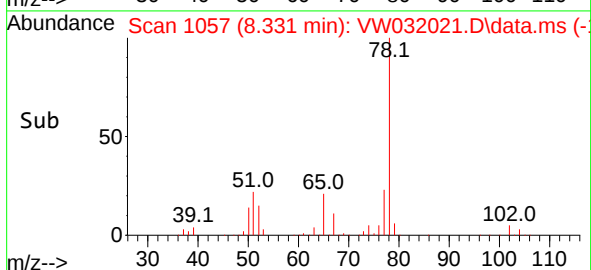
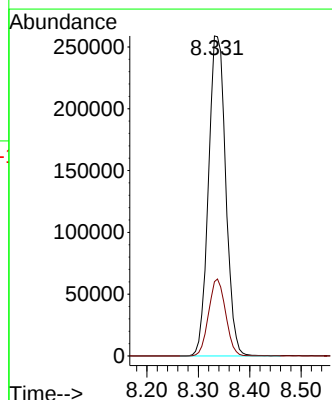
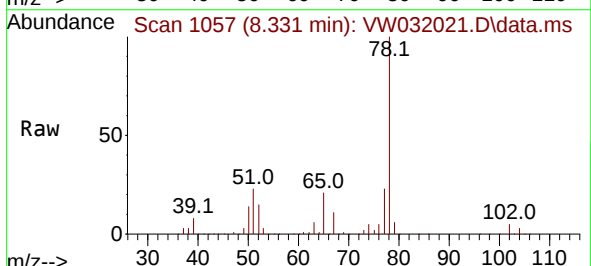
Acq: 05 Aug 2025 18:14

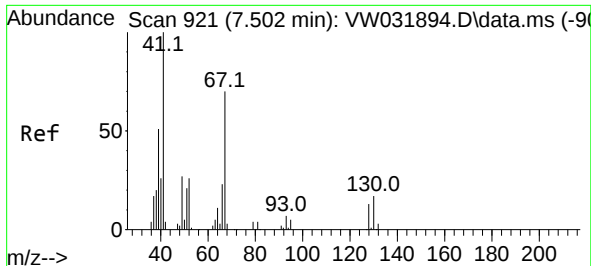
Tgt Ion: 78 Resp: 603141

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9

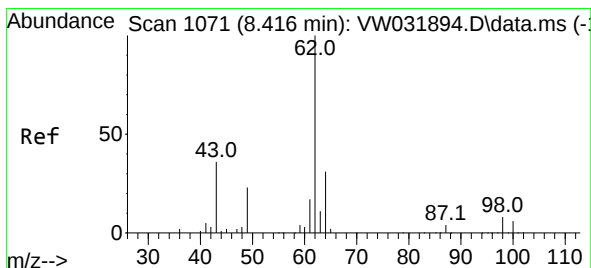
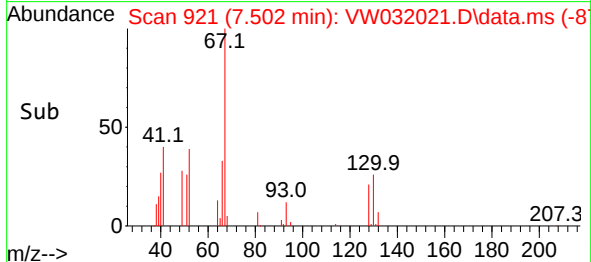
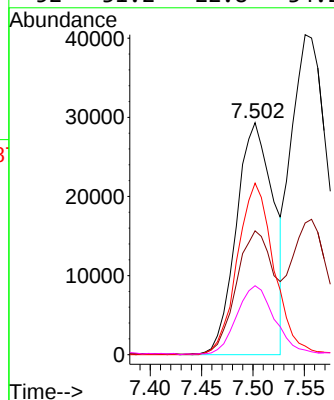
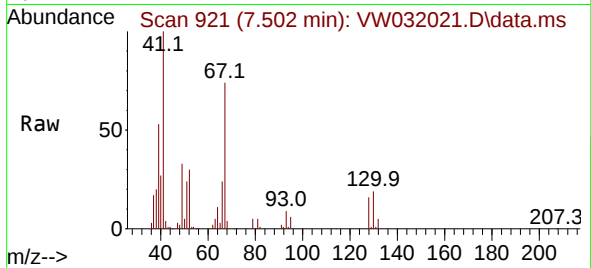




#41
Methacrylonitrile
Concen: 50.416 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

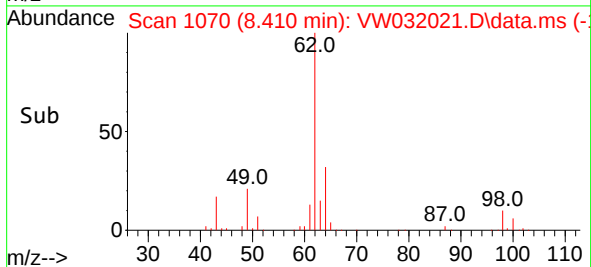
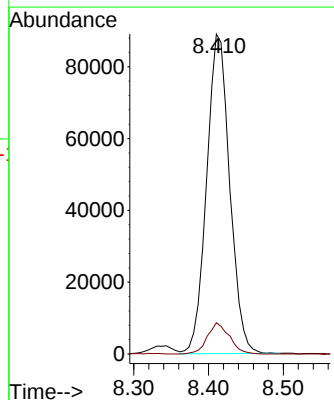
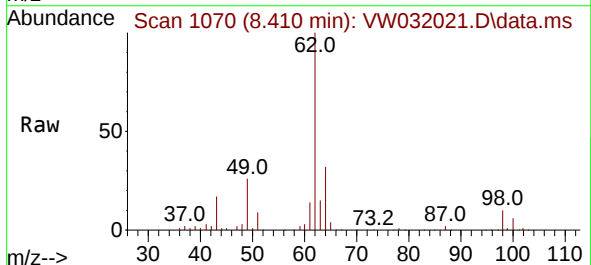
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

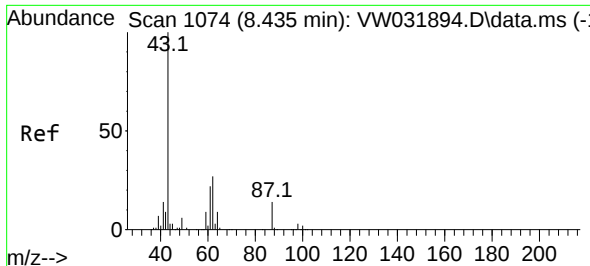
Tgt Ion:	41	Resp:	73823
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.1	61.7
67	73.3	56.2	84.4
52	31.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 47.072 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:	62	Resp:	191225
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

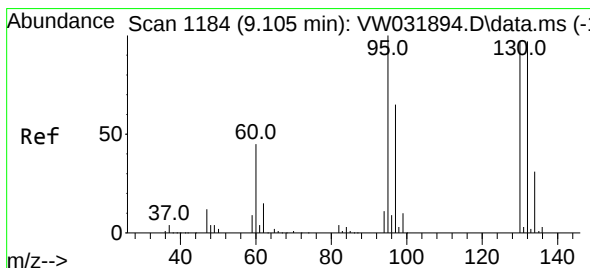
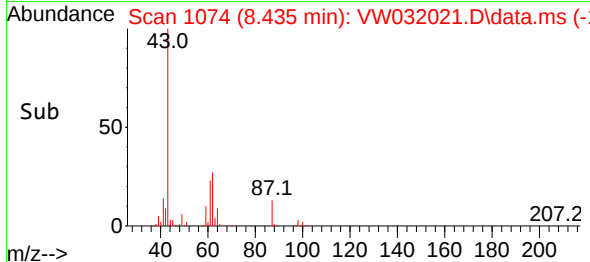
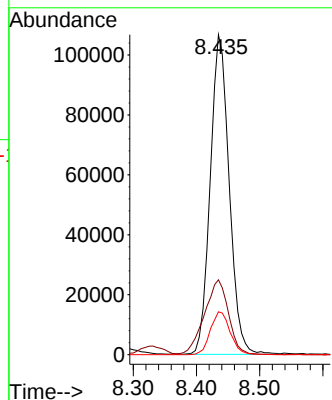
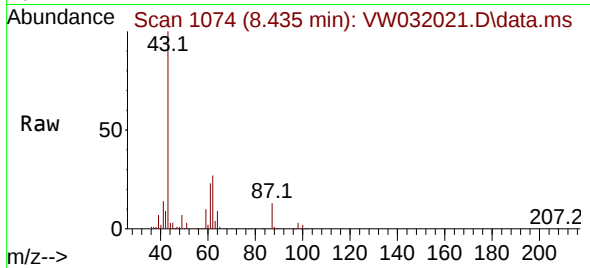




#43
Isopropyl Acetate
Concen: 50.186 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

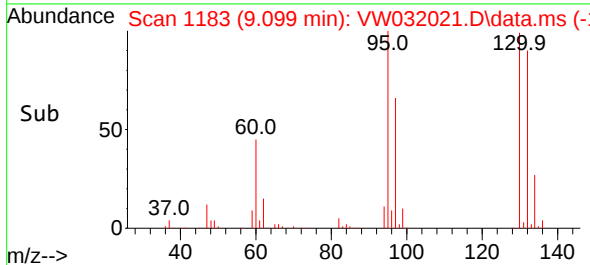
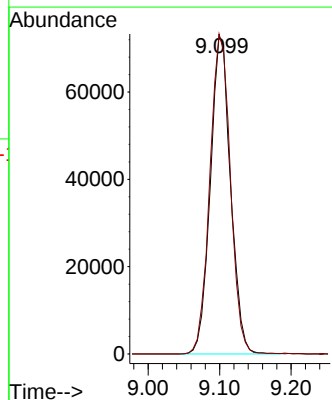
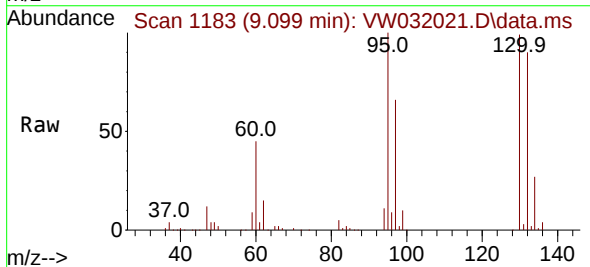
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

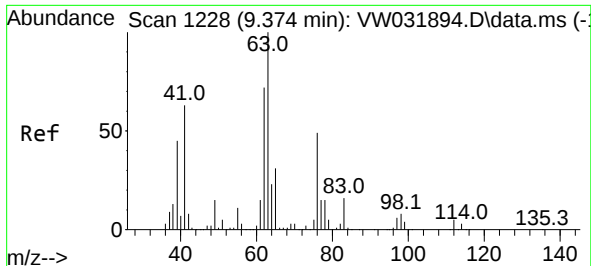
Tgt Ion: 43 Resp: 222237
Ion Ratio Lower Upper
43 100
61 29.9 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 47.393 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:130 Resp: 142990
Ion Ratio Lower Upper
130 100
95 100.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 47.365 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

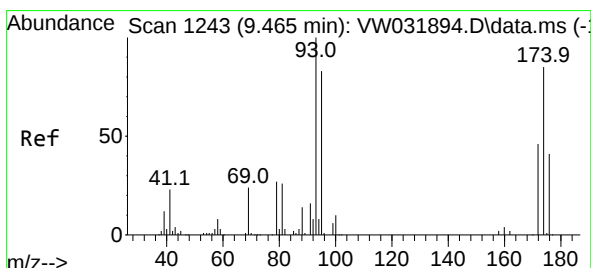
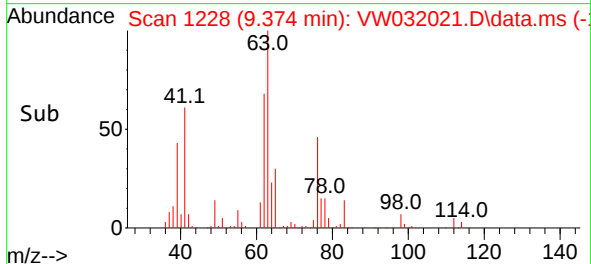
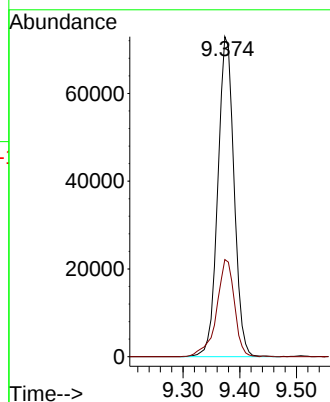
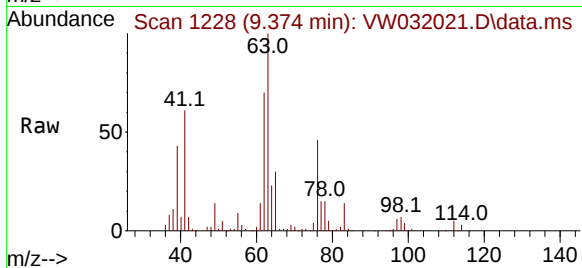
VSTDCCC050EC

Tgt Ion: 63 Resp: 144792

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 48.339 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

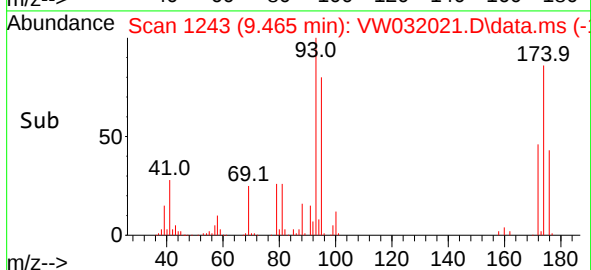
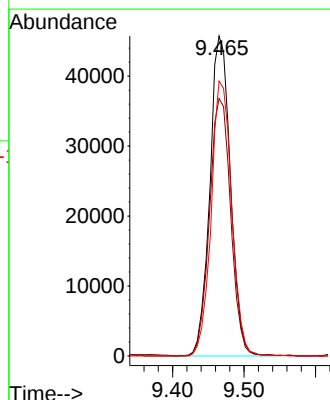
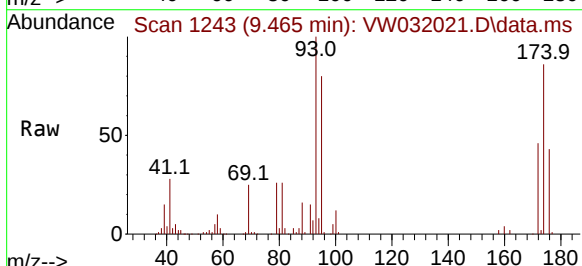
Tgt Ion: 93 Resp: 91601

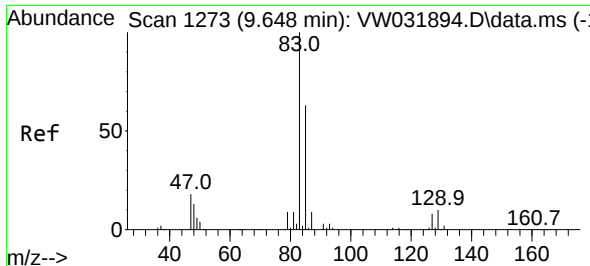
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 85.5 70.2 105.2

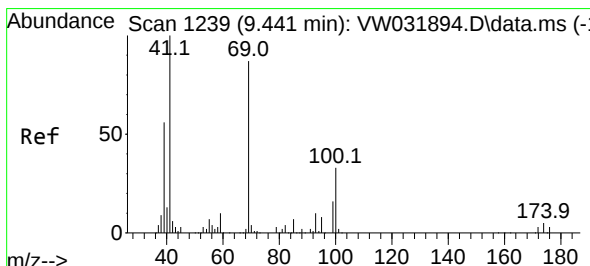
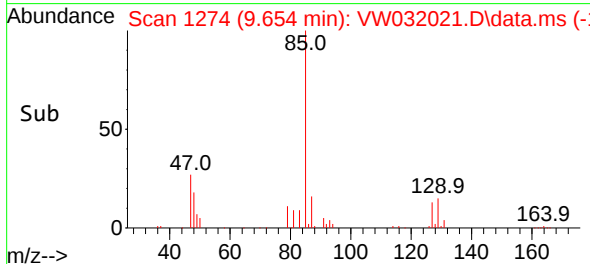
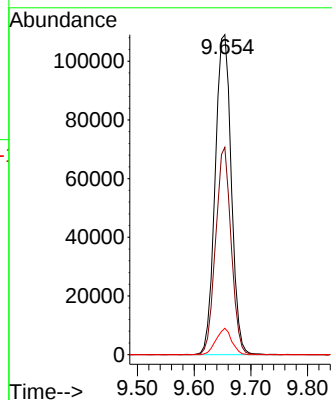
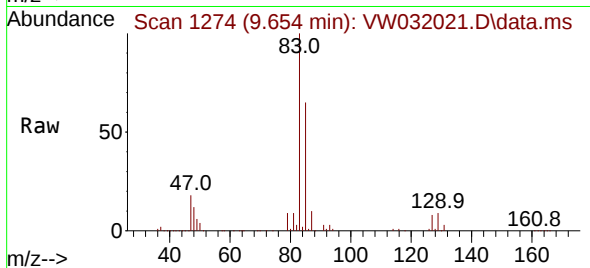




#47
Bromodichloromethane
Concen: 47.397 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

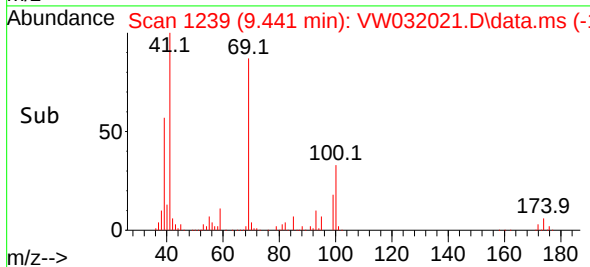
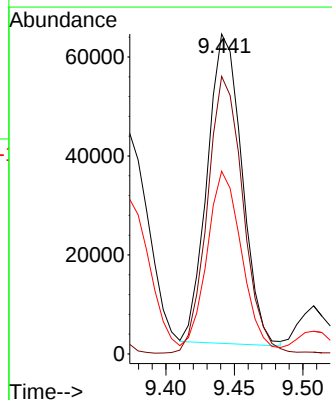
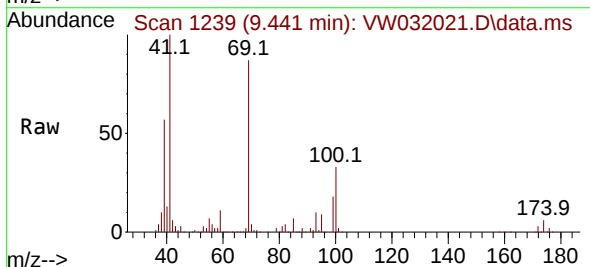
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

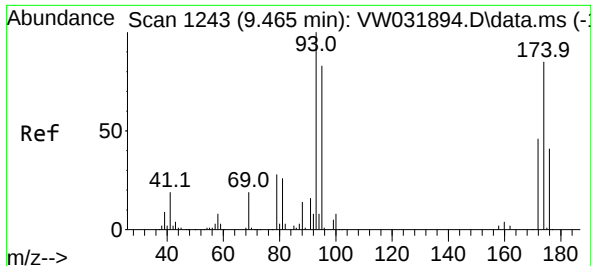
Tgt Ion: 83 Resp: 215372
Ion Ratio Lower Upper
83 100
85 64.8 50.6 76.0
127 8.2 6.5 9.7



#48
Methyl methacrylate
Concen: 52.233 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 41 Resp: 110042
Ion Ratio Lower Upper
41 100
69 92.5 73.6 110.4
39 55.6 45.5 68.3





#49

1,4-Dioxane

Concen: 1205.006 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

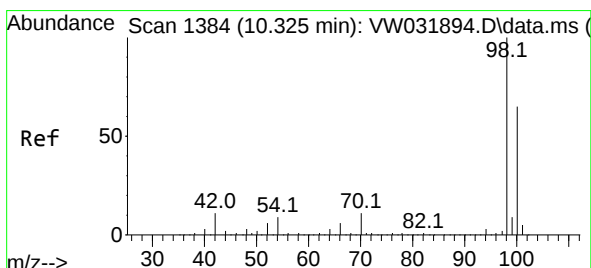
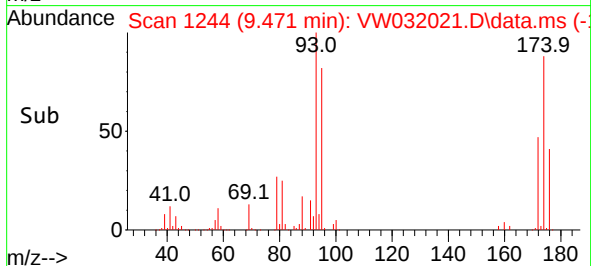
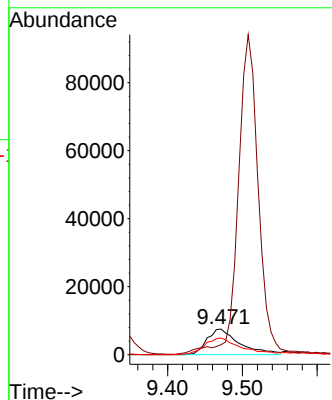
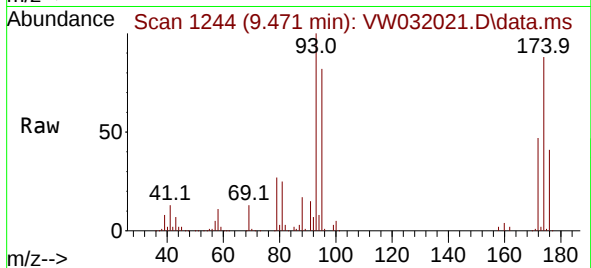
Tgt Ion: 88 Resp: 22785

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 72.3 58.2 87.2



#50

Toluene-d8

Concen: 51.731 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032021.D

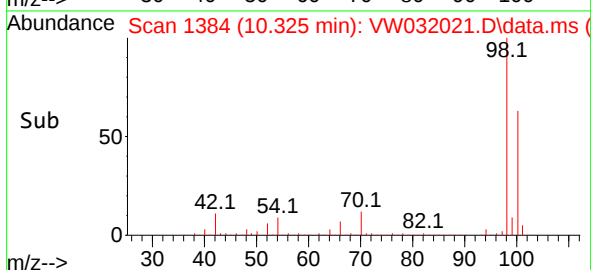
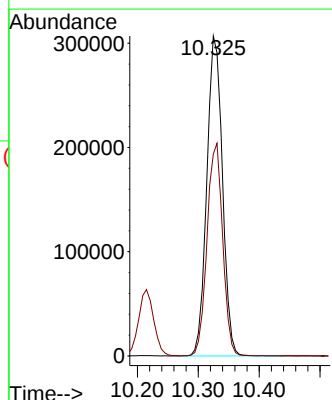
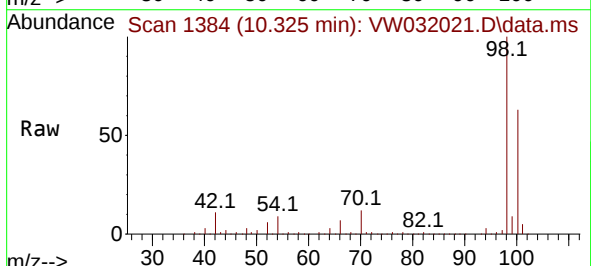
Acq: 05 Aug 2025 18:14

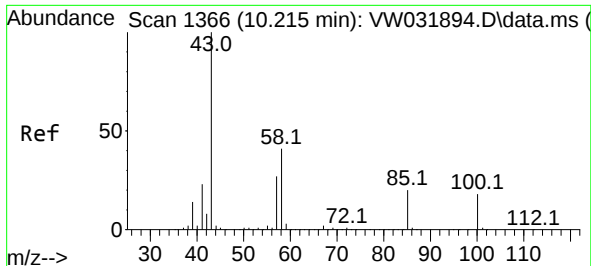
Tgt Ion: 98 Resp: 546663

Ion Ratio Lower Upper

98 100

100 66.3 51.7 77.5

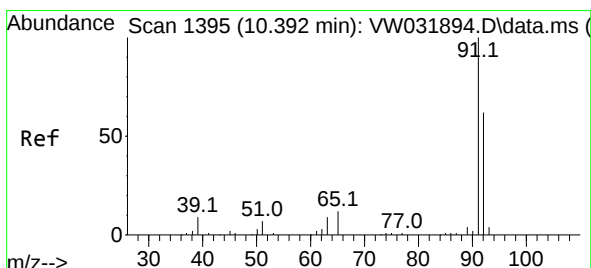
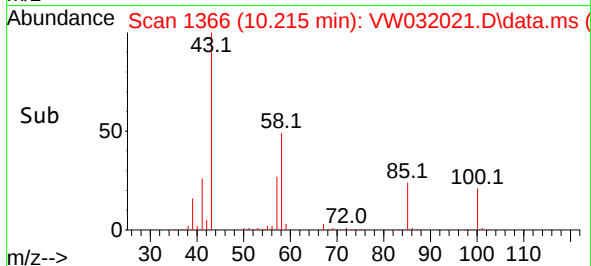
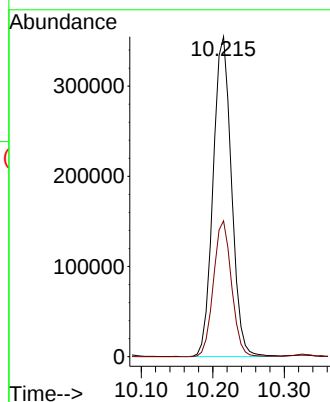
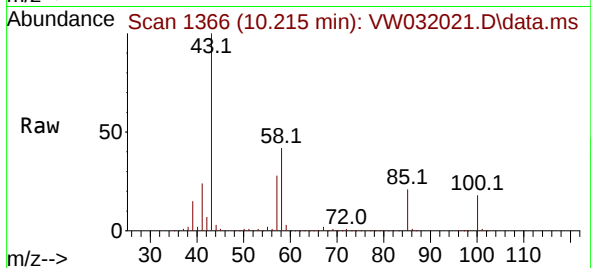




#51
4-Methyl-2-Pentanone
Concen: 261.558 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

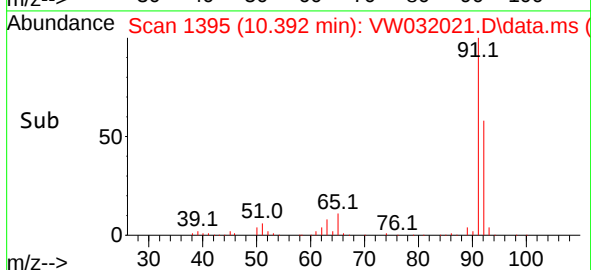
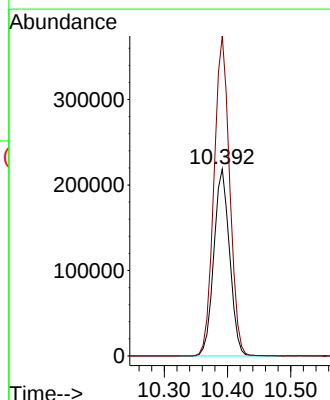
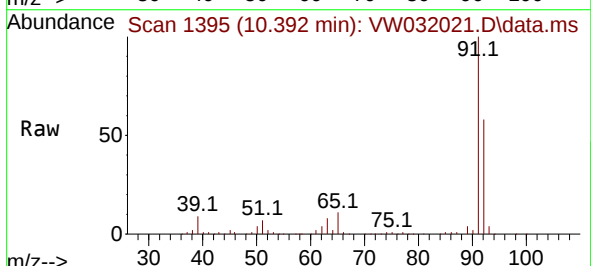
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

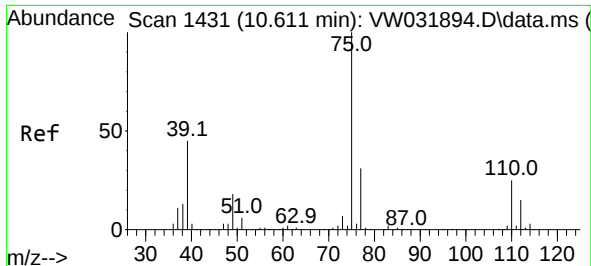
Tgt Ion: 43 Resp: 633871
Ion Ratio Lower Upper
43 100
58 41.8 32.8 49.2



#52
Toluene
Concen: 46.157 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 92 Resp: 376628
Ion Ratio Lower Upper
92 100
91 171.0 133.7 200.5

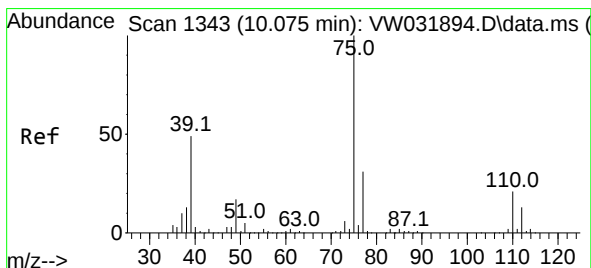
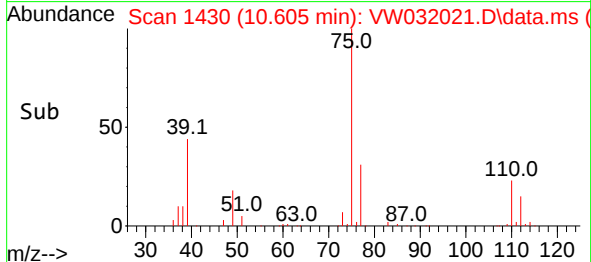
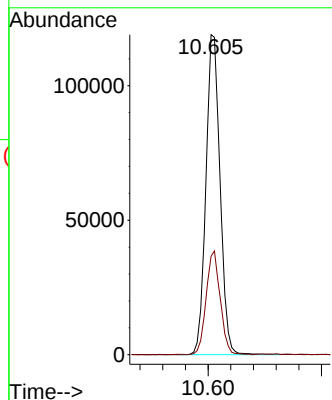
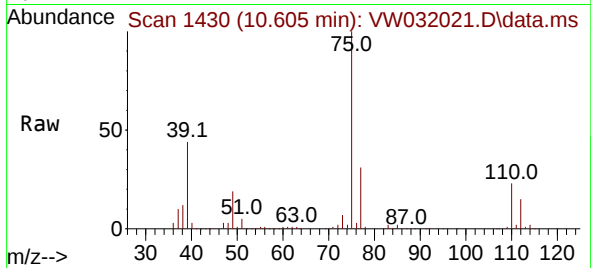




#53
t-1,3-Dichloropropene
Concen: 47.226 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

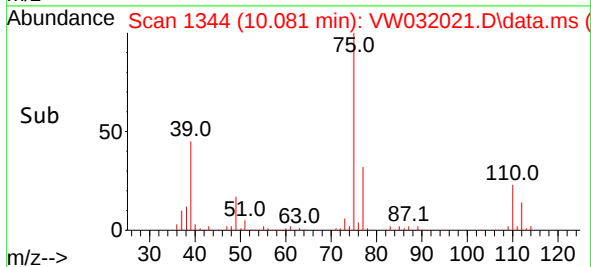
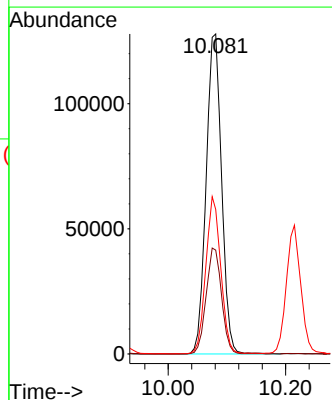
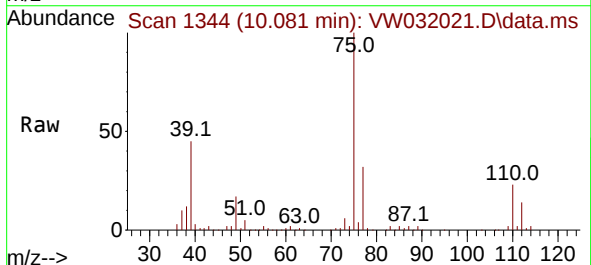
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

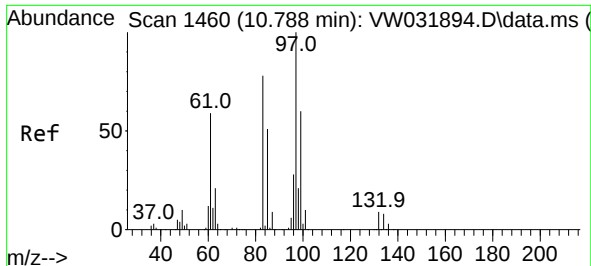
Tgt Ion: 75 Resp: 205849
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 46.959 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 75 Resp: 233749
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 45.1 39.3 58.9

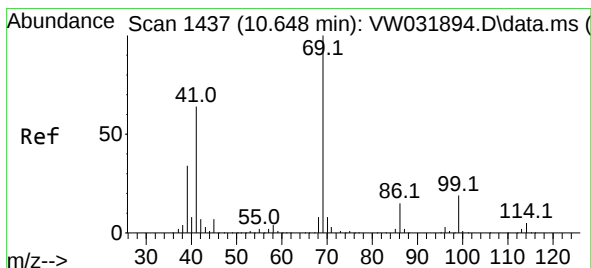
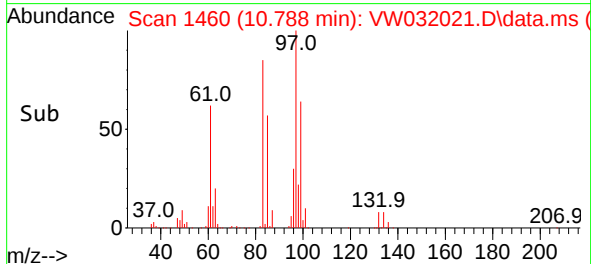
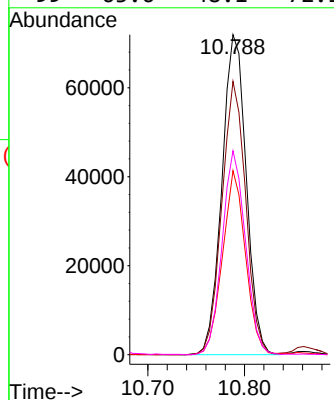
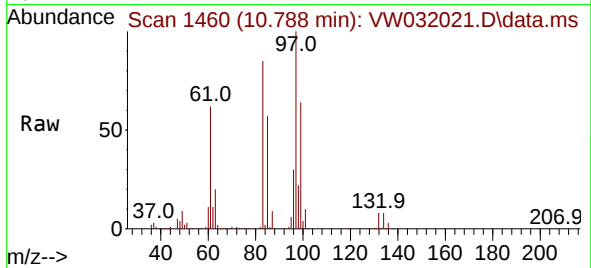




#55
1,1,2-Trichloroethane
Concen: 49.742 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

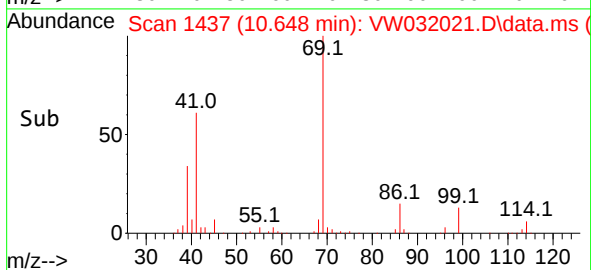
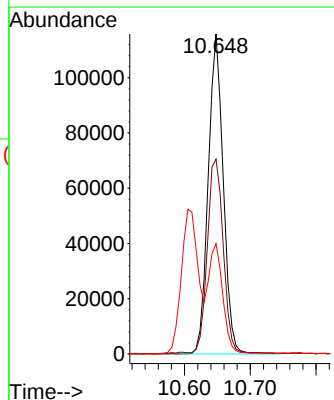
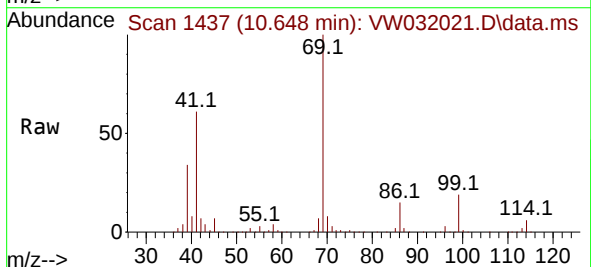
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

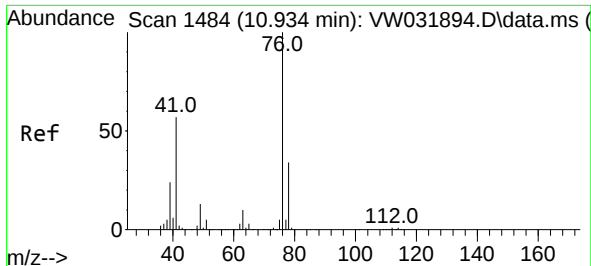
Tgt Ion:	97	Resp:	125206
Ion	Ratio	Lower	Upper
97	100		
83	85.4	62.4	93.6
85	57.5	41.0	61.6
99	63.6	48.1	72.1



#56
Ethyl methacrylate
Concen: 51.857 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:	69	Resp:	184350
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.0	78.0
39	32.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.240 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

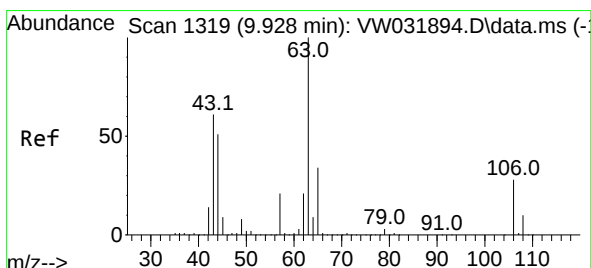
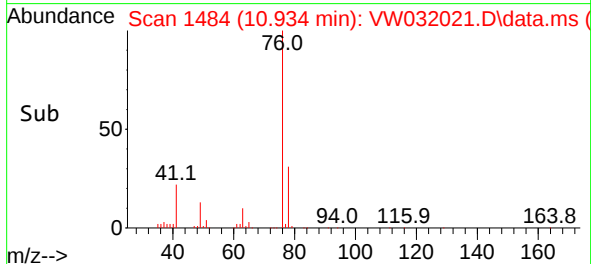
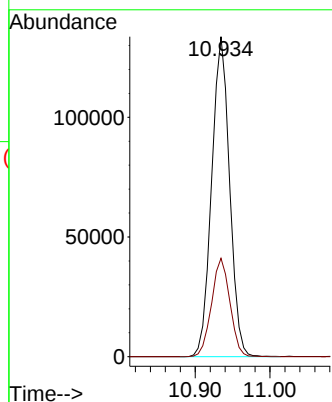
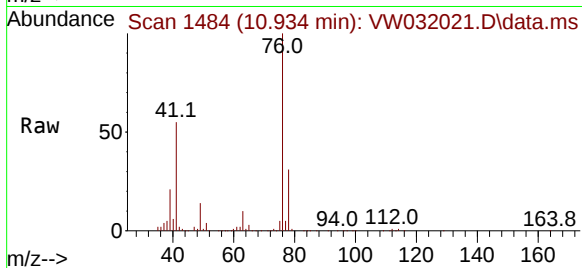
VSTDCCC050EC

Tgt Ion: 76 Resp: 222791

Ion Ratio Lower Upper

76 100

78 31.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 126.524 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032021.D

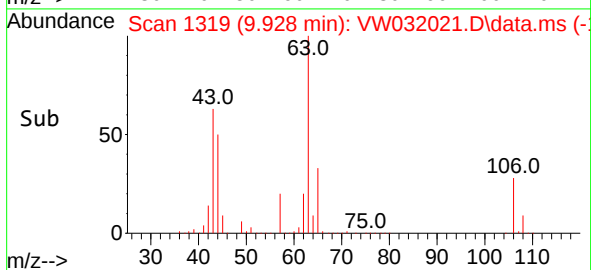
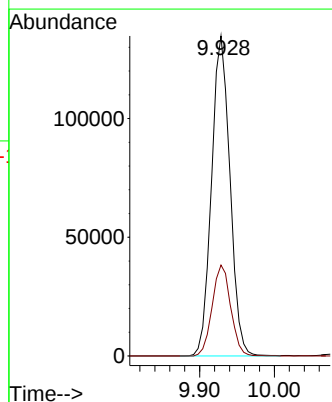
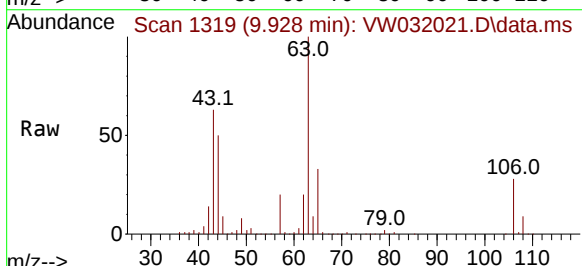
Acq: 05 Aug 2025 18:14

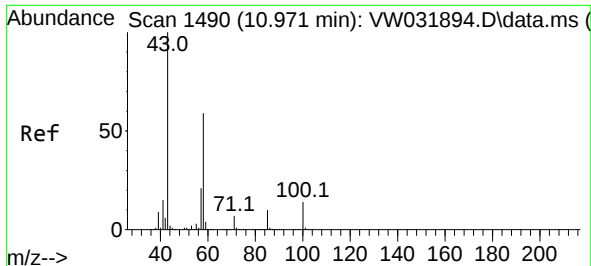
Tgt Ion: 63 Resp: 231035

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

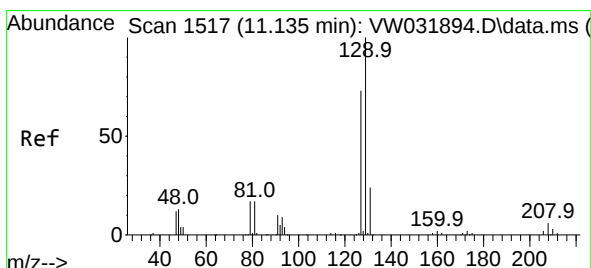
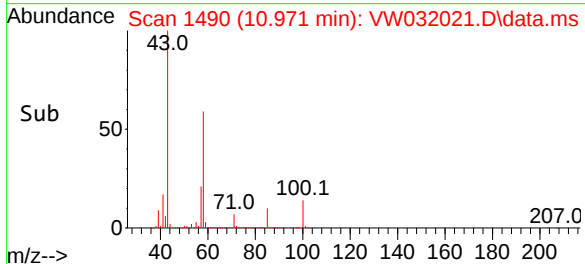
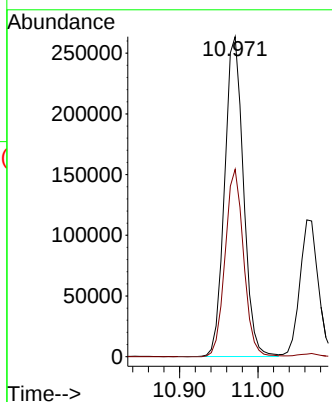
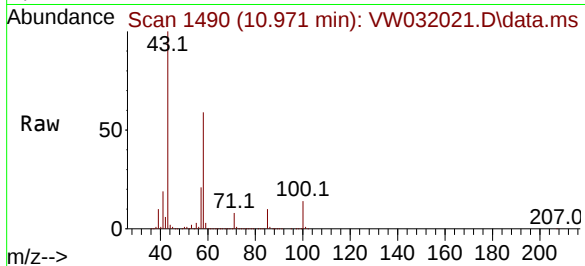




#59
2-Hexanone
Concen: 261.565 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

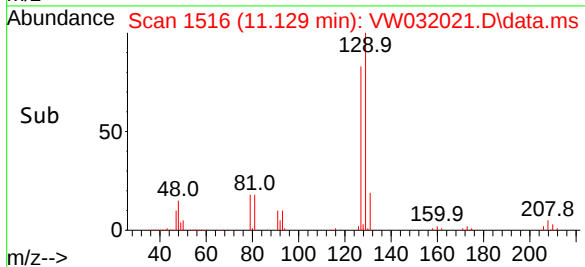
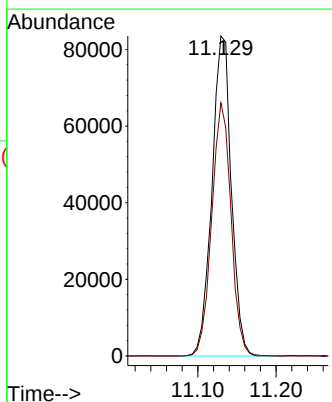
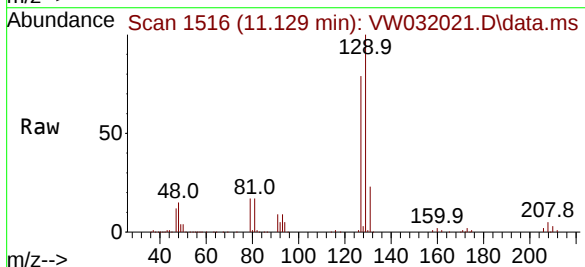
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

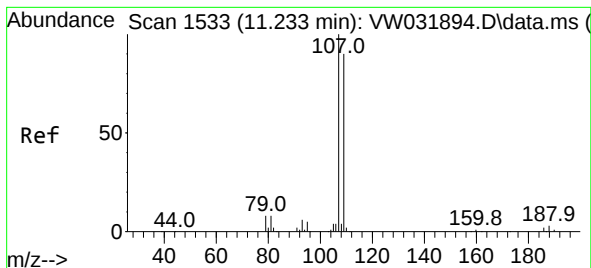
Tgt Ion: 43 Resp: 440614
Ion Ratio Lower Upper
43 100
58 57.5 28.5 85.6



#60
Dibromochloromethane
Concen: 49.086 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:129 Resp: 144058
Ion Ratio Lower Upper
129 100
127 78.3 39.6 118.8

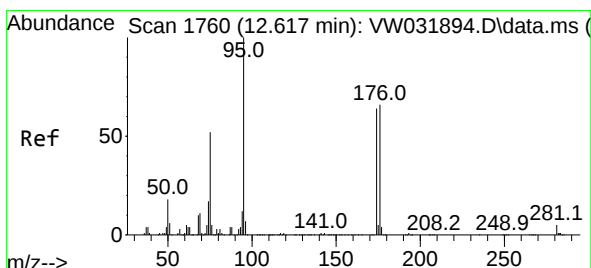
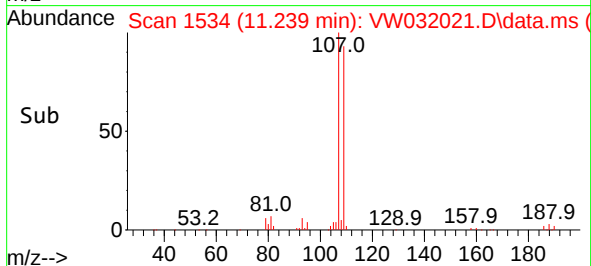
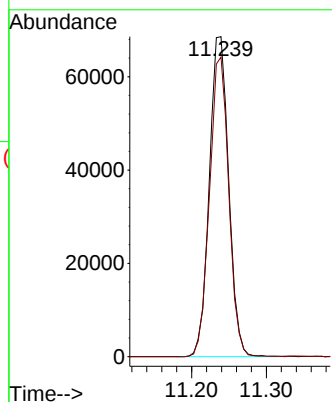
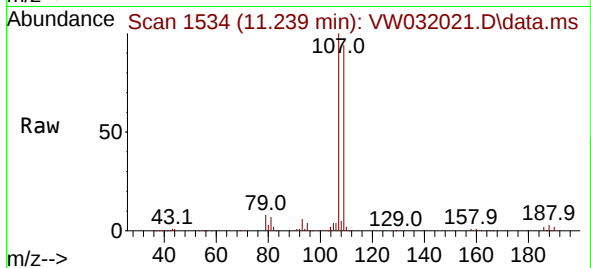




#61
1,2-Dibromoethane
Concen: 49.606 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

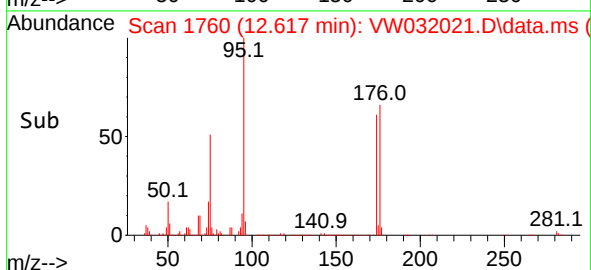
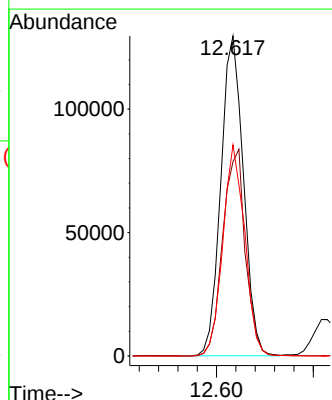
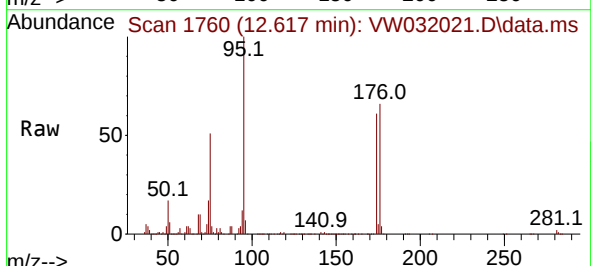
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

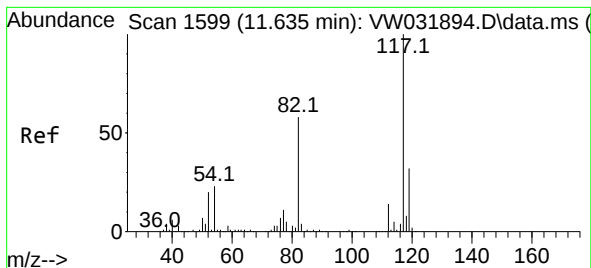
Tgt Ion:107 Resp: 123381
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.617 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 95 Resp: 209445
Ion Ratio Lower Upper
95 100
174 64.6 0.0 129.8
176 64.0 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

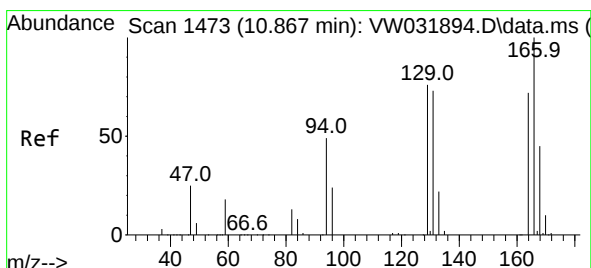
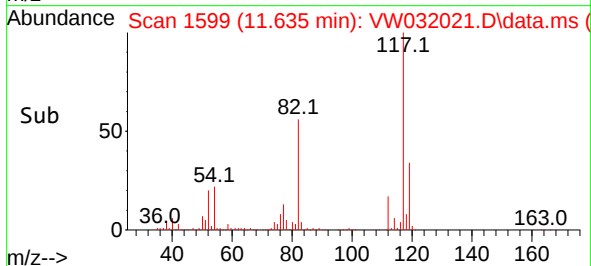
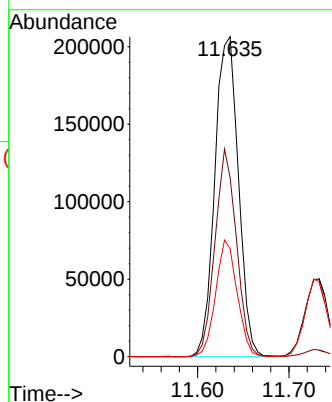
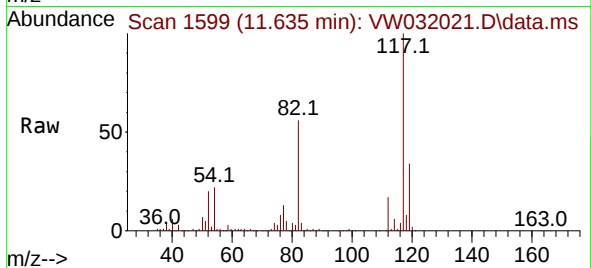
Tgt Ion:117 Resp: 370464

Ion Ratio Lower Upper

117 100

82 55.9 46.5 69.7

119 33.8 25.8 38.6



#64

Tetrachloroethene

Concen: 48.857 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Tgt Ion:164 Resp: 119334

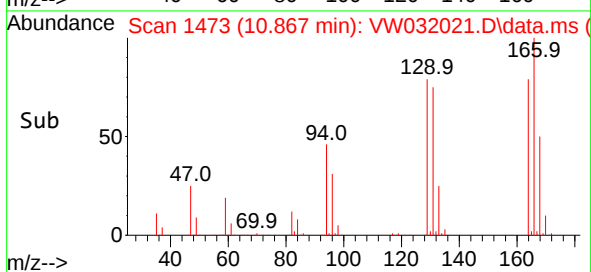
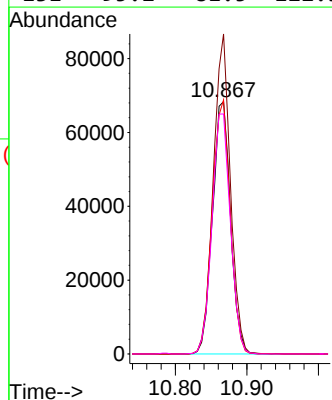
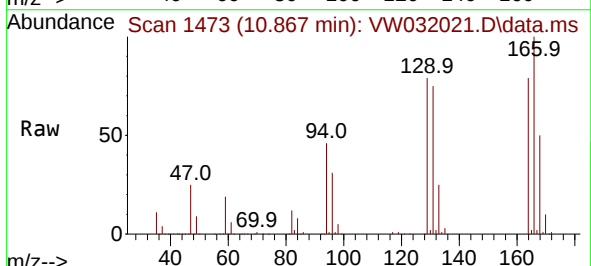
Ion Ratio Lower Upper

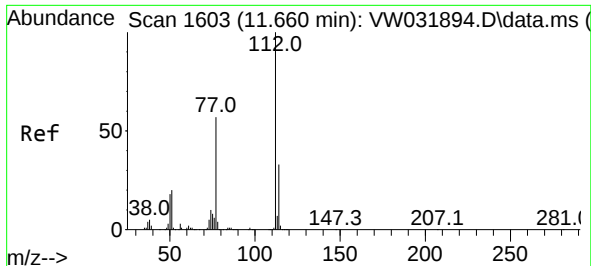
164 100

166 126.8 111.5 167.3

129 100.7 85.1 127.7

131 95.2 81.5 122.3

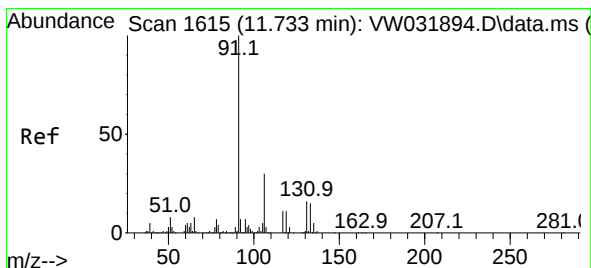
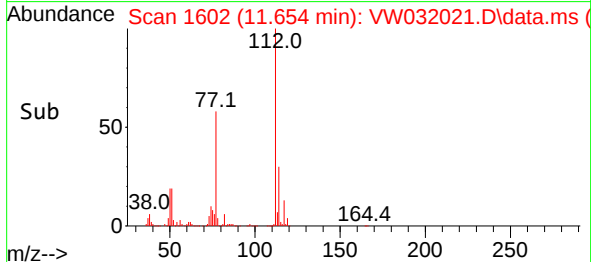
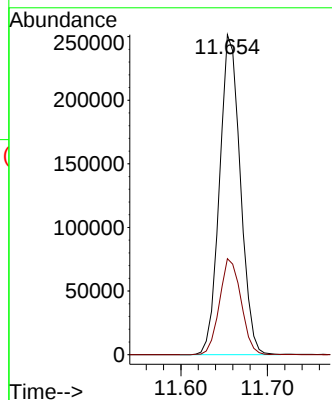
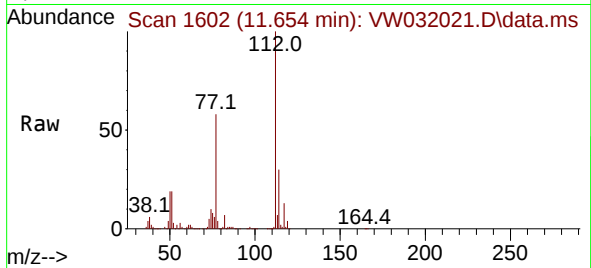




#65
Chlorobenzene
Concen: 46.287 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

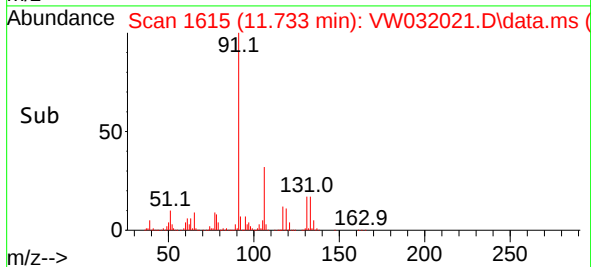
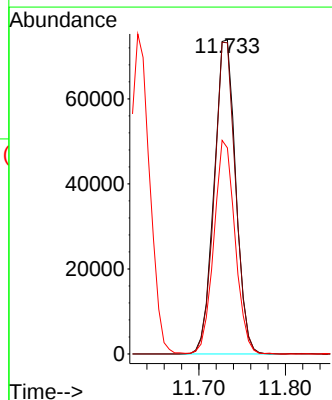
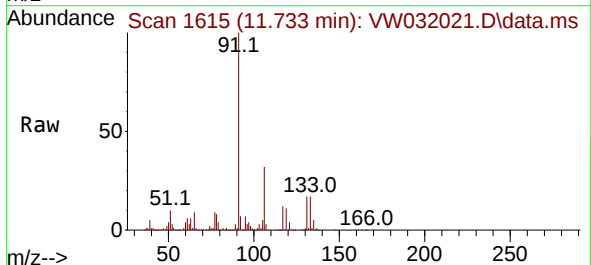
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

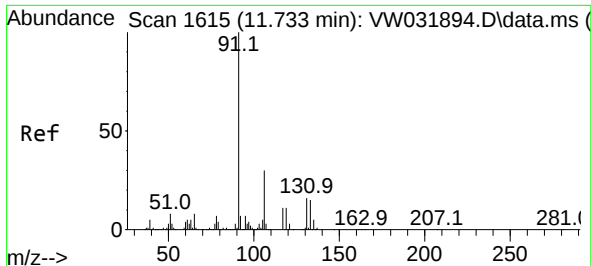
Tgt Ion:112 Resp: 419681
Ion Ratio Lower Upper
112 100
114 30.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.496 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:131 Resp: 127881
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.4
119 66.8 33.7 101.1





#67

Ethyl Benzene

Concen: 45.868 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

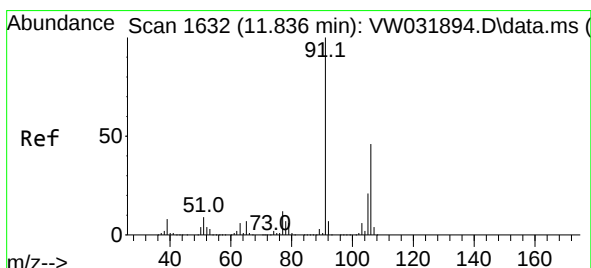
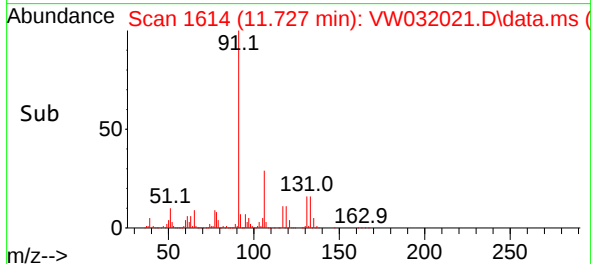
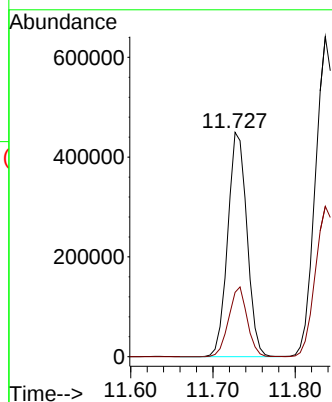
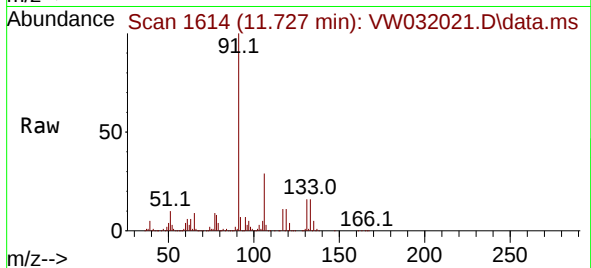
VSTDCCC050EC

Tgt Ion: 91 Resp: 730696

Ion Ratio Lower Upper

91 100

106 28.7 23.8 35.6



#68

m/p-Xylenes

Concen: 93.470 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032021.D

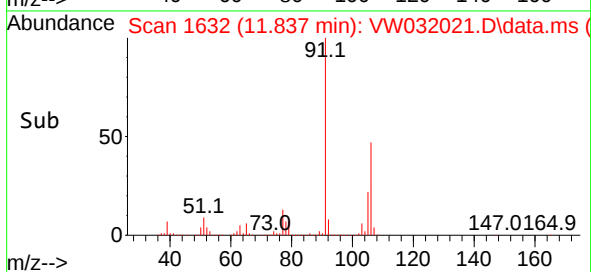
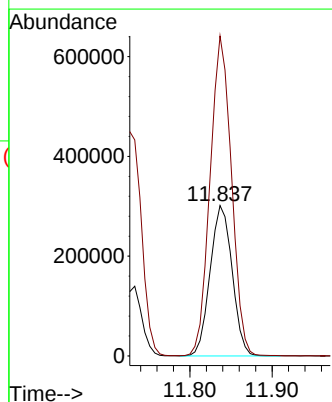
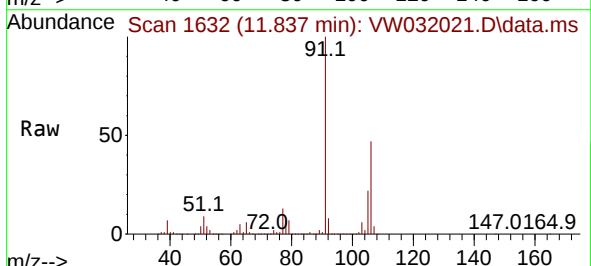
Acq: 05 Aug 2025 18:14

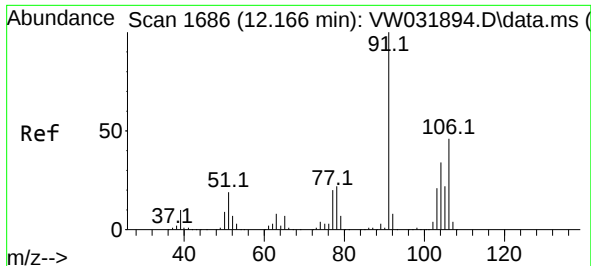
Tgt Ion:106 Resp: 560554

Ion Ratio Lower Upper

106 100

91 207.1 167.7 251.5

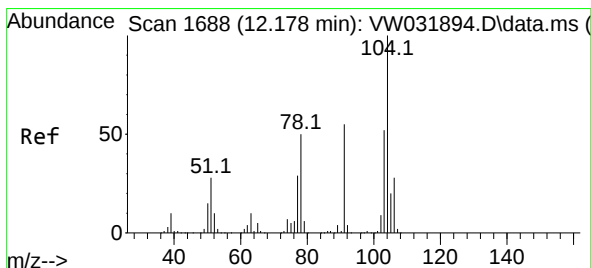
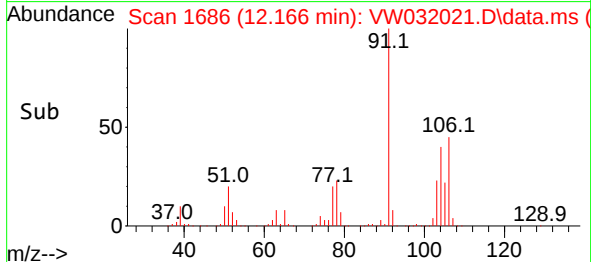
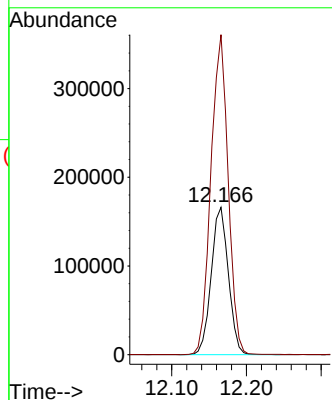
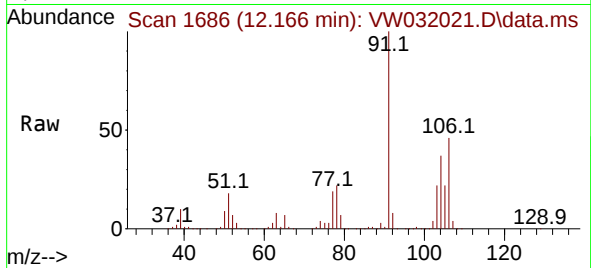




#69
o-Xylene
Concen: 46.628 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

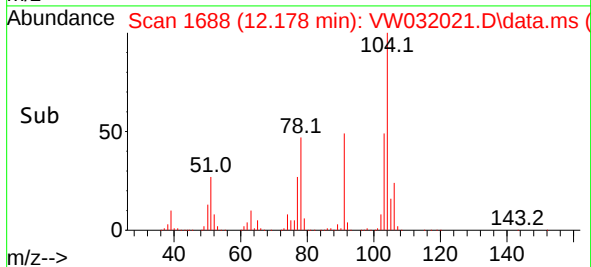
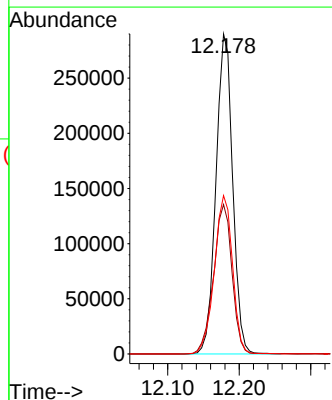
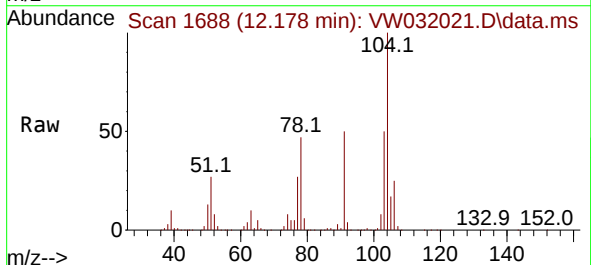
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

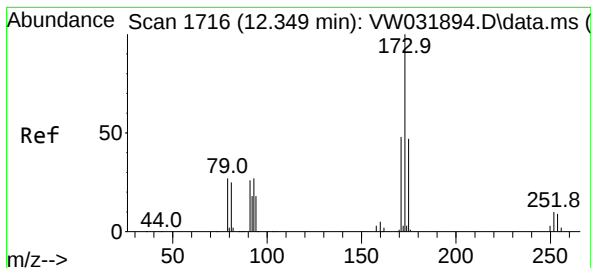
Tgt Ion:106 Resp: 264639
Ion Ratio Lower Upper
106 100
91 218.5 108.2 324.6



#70
Styrene
Concen: 48.730 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:104 Resp: 470881
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.4
103 53.9 42.8 64.2





#71

Bromoform

Concen: 47.458 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

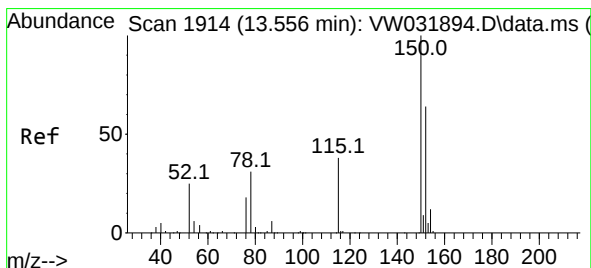
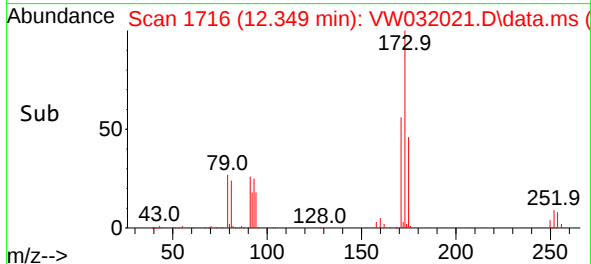
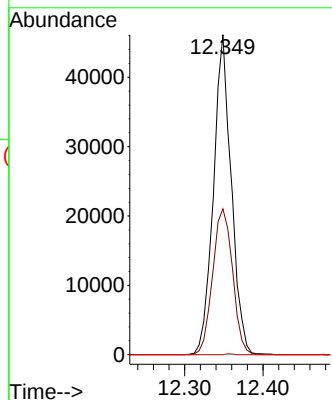
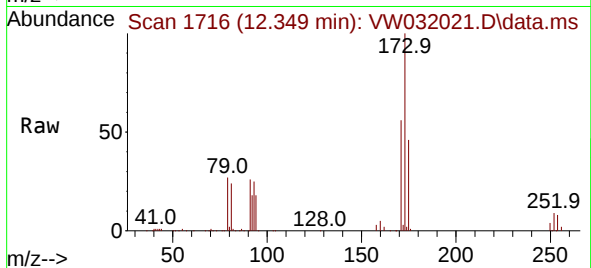
Tgt Ion:173 Resp: 72956

Ion Ratio Lower Upper

173 100

175 50.8 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: VW032021.D

Acq: 05 Aug 2025 18:14

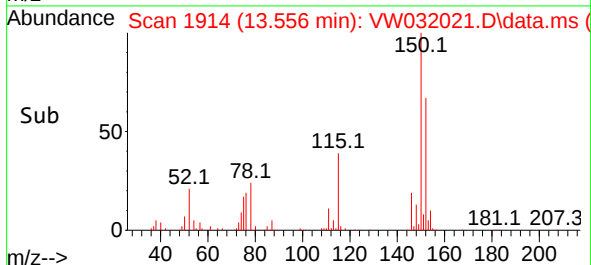
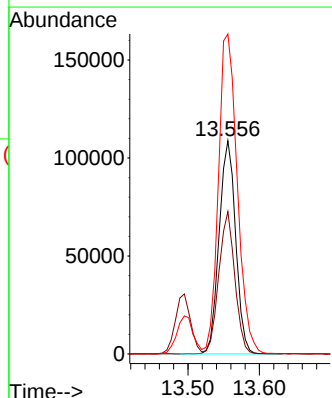
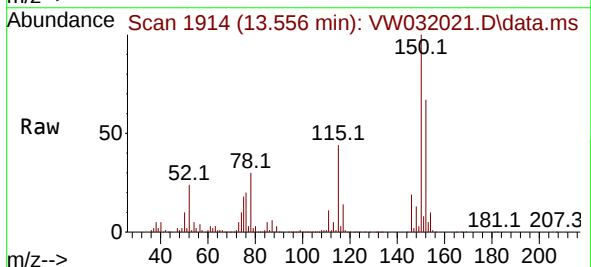
Tgt Ion:152 Resp: 174891

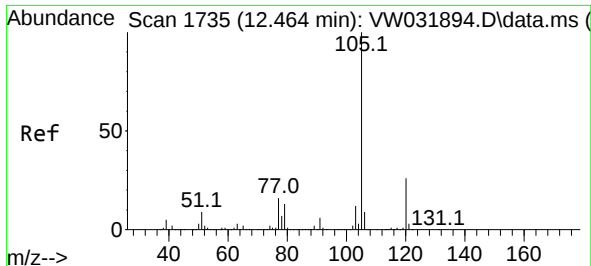
Ion Ratio Lower Upper

152 100

115 64.4 33.4 100.1

150 170.9 0.0 352.2

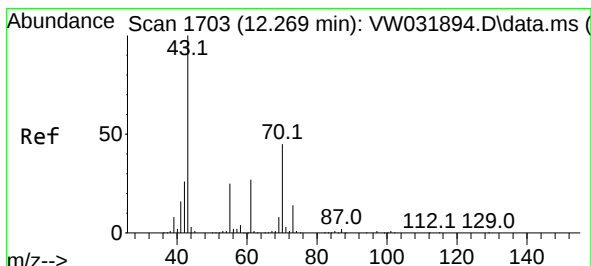
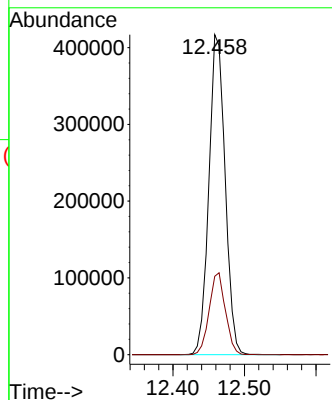
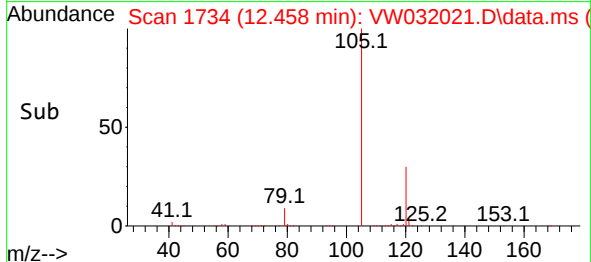
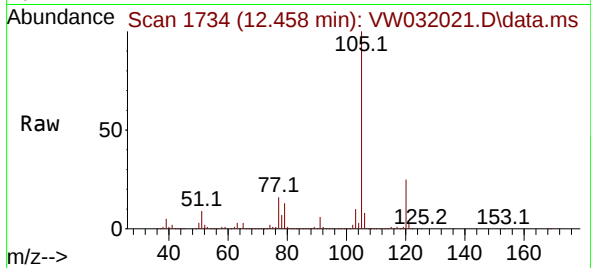




#73
Isopropylbenzene
Concen: 43.338 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

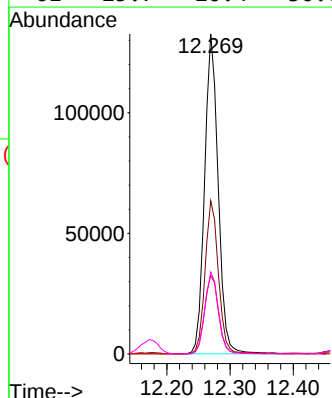
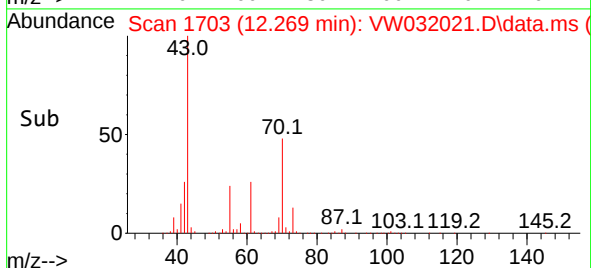
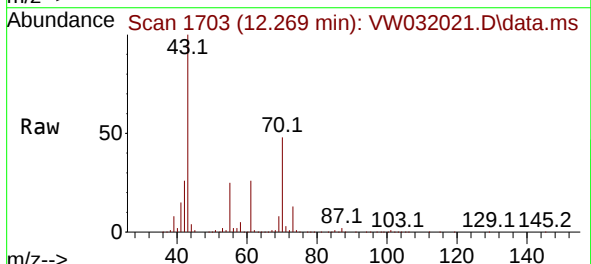
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

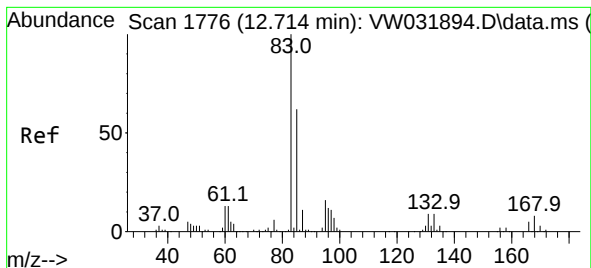
Tgt Ion:105 Resp: 657643
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



#74
N-ethyl acetate
Concen: 48.312 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 43 Resp: 198195
Ion Ratio Lower Upper
43 100
70 47.3 36.6 55.0
55 25.5 20.7 31.1
61 25.7 20.4 30.6

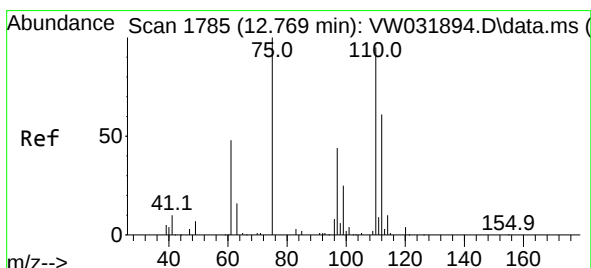
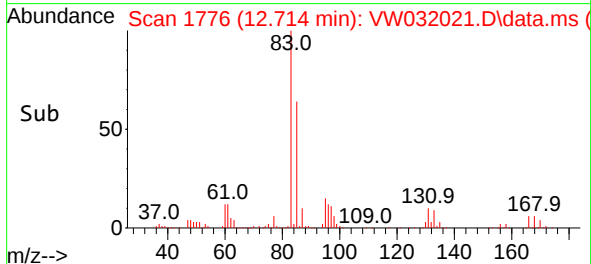
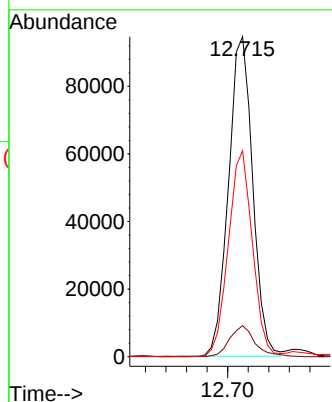
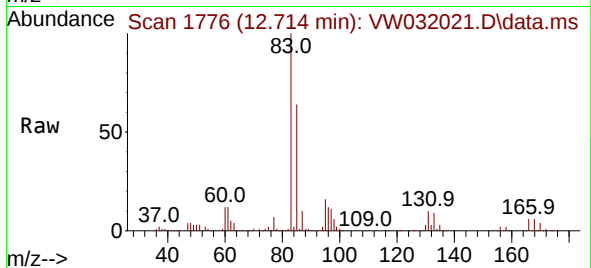




#75
1,1,2,2-Tetrachloroethane
Concen: 47.994 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

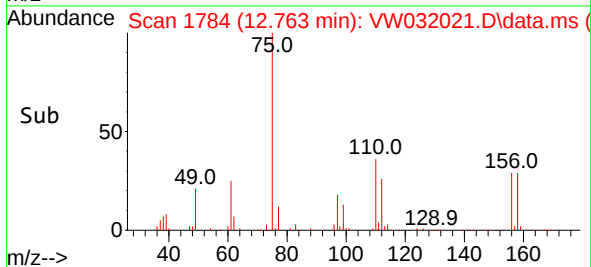
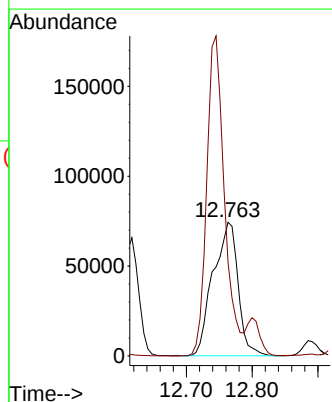
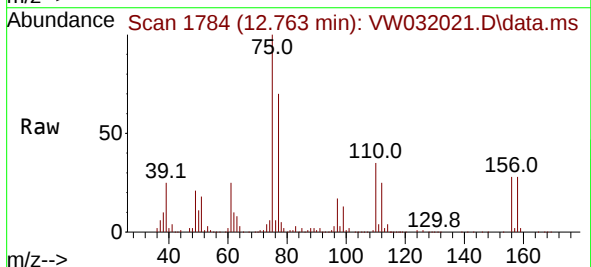
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

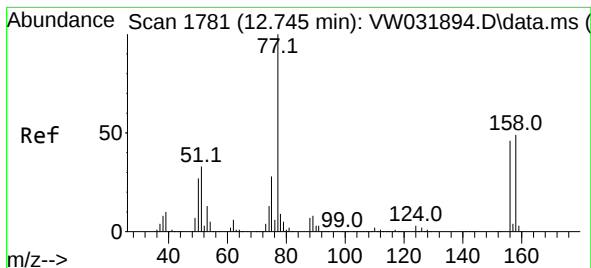
Tgt Ion: 83 Resp: 154588
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 81.319 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 75 Resp: 196356
Ion Ratio Lower Upper
75 100
77 170.9 0.0 0.0#





#77

Bromobenzene

Concen: 46.101 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

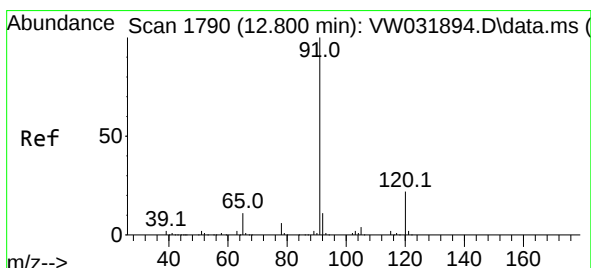
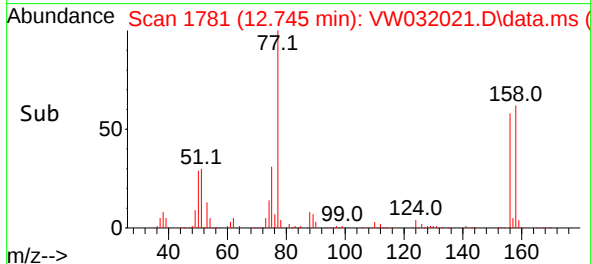
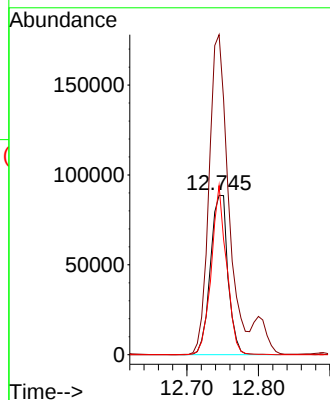
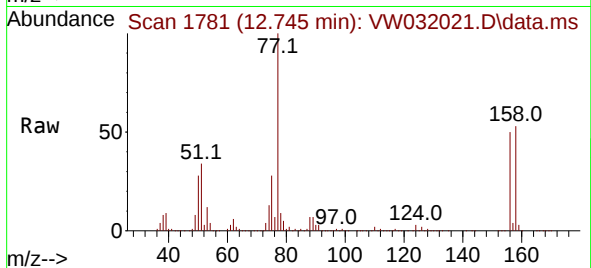
Tgt Ion:156 Resp: 151363

Ion Ratio Lower Upper

156 100

77 221.7 115.3 345.8

158 92.0 50.1 150.3



#78

n-propylbenzene

Concen: 43.305 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032021.D

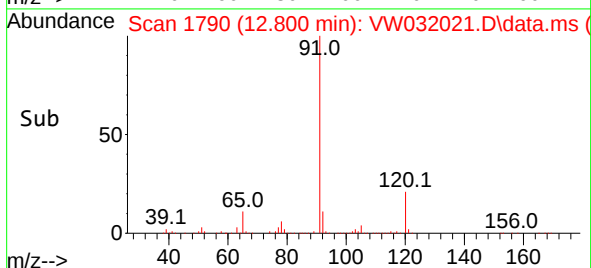
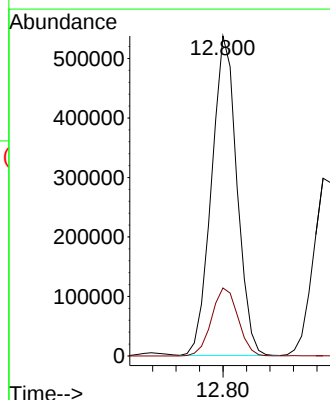
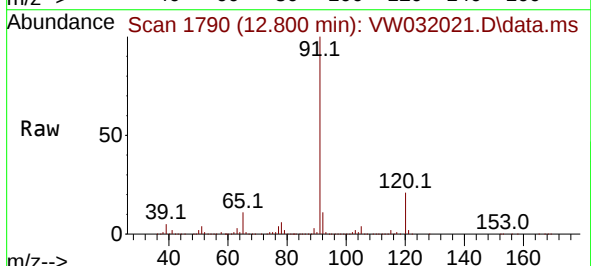
Acq: 05 Aug 2025 18:14

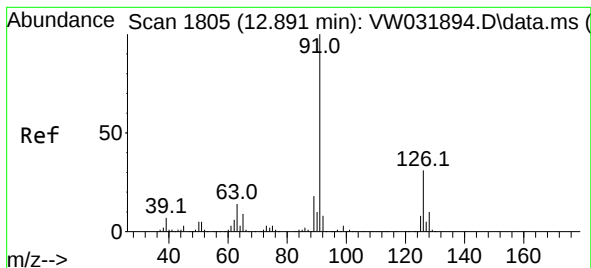
Tgt Ion: 91 Resp: 807093

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.6

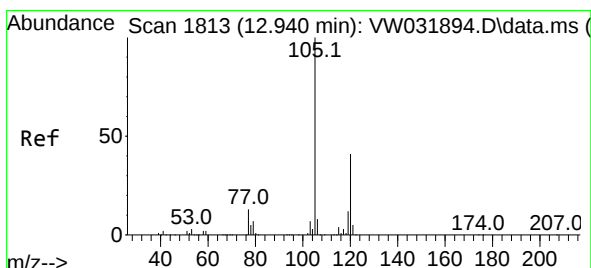
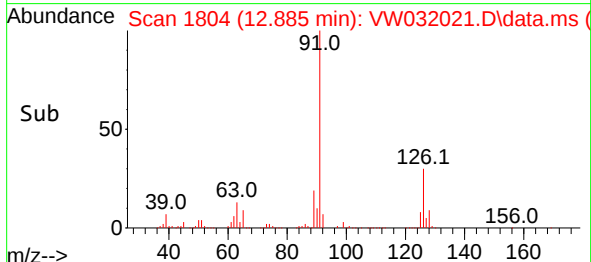
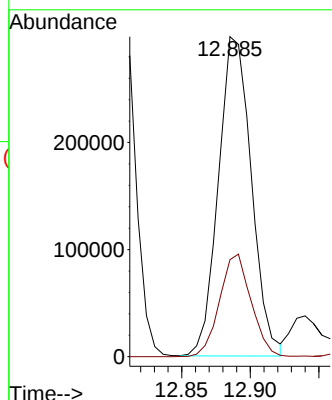
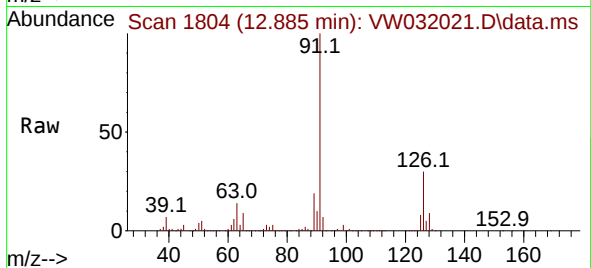




#79
2-Chlorotoluene
Concen: 44.905 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

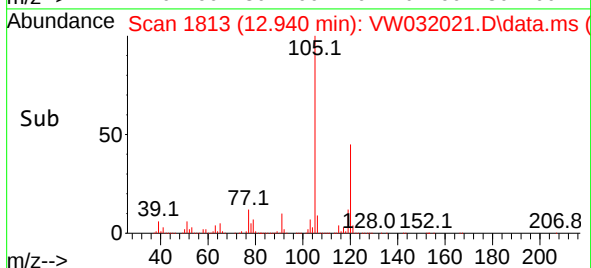
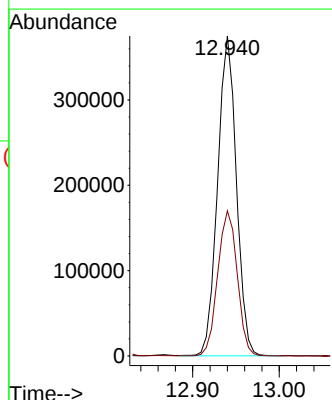
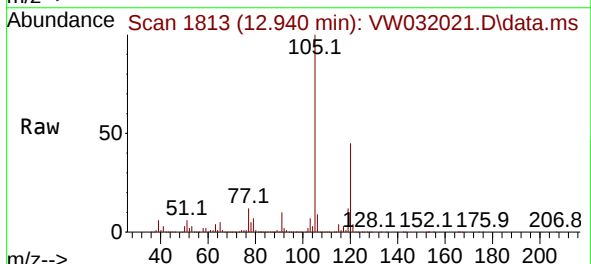
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

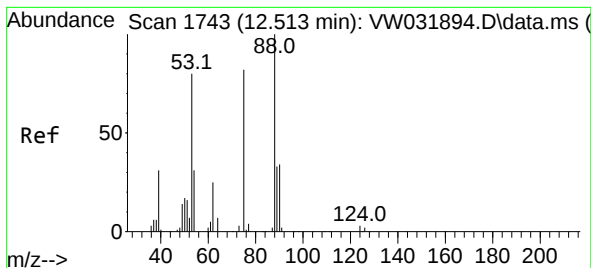
Tgt Ion: 91 Resp: 499683
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 44.325 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 105 Resp: 564113
Ion Ratio Lower Upper
105 100
120 47.1 23.5 70.5

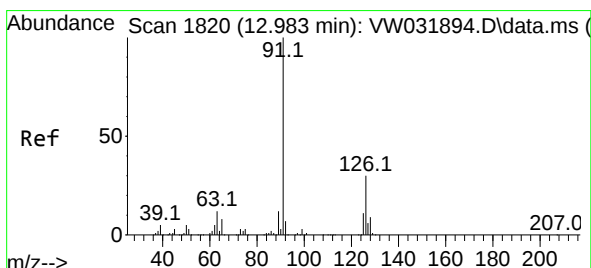
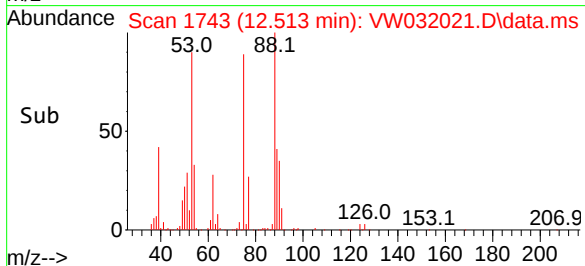
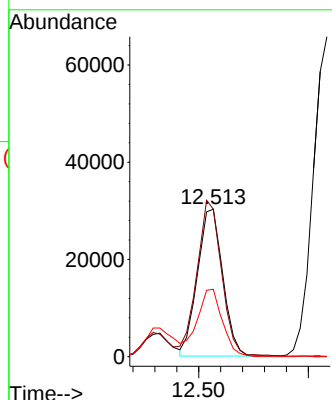
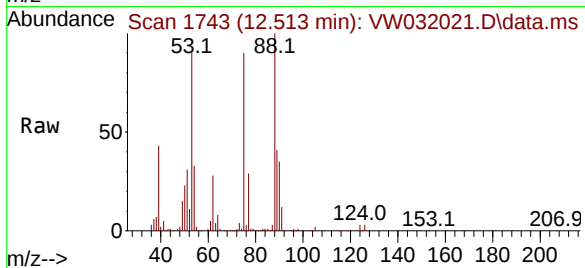




#81
trans-1,4-Dichloro-2-butene
Concen: 46.509 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

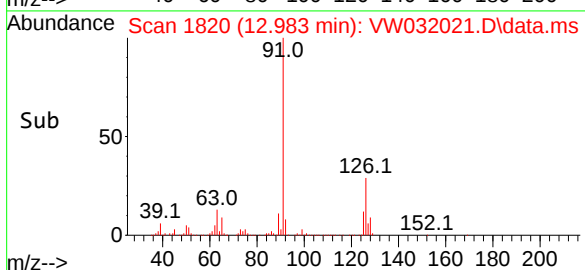
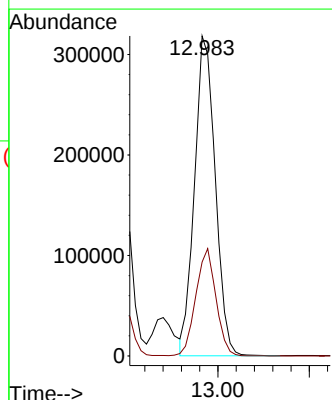
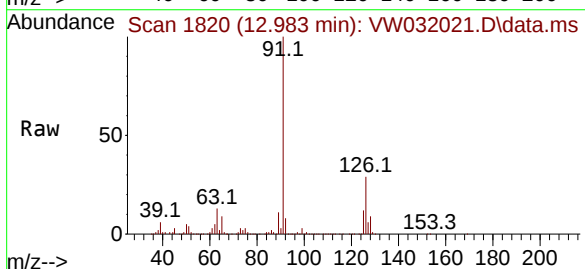
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

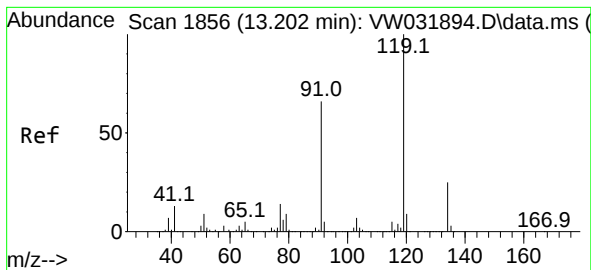
Tgt Ion: 75 Resp: 48643
Ion Ratio Lower Upper
75 100
53 104.6 83.7 125.5
89 46.3 39.0 58.6



#82
4-Chlorotoluene
Concen: 42.909 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 91 Resp: 500917
Ion Ratio Lower Upper
91 100
126 32.7 15.8 47.3

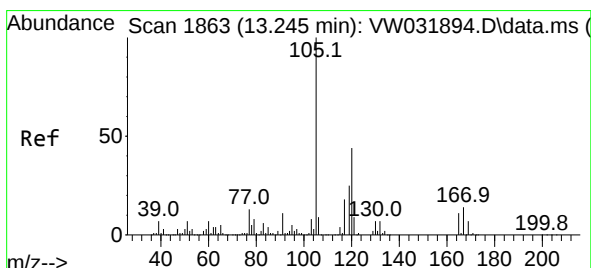
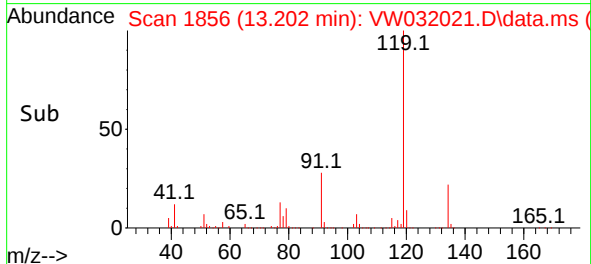
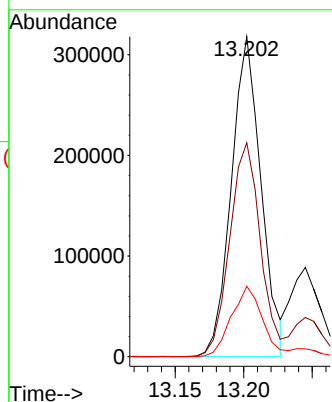
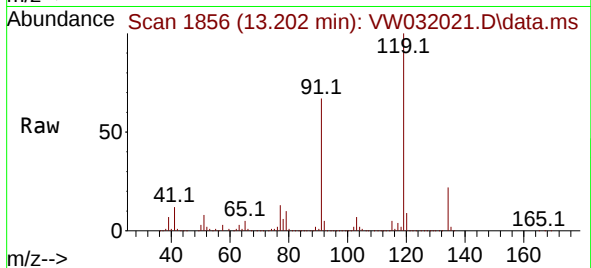




#83
tert-Butylbenzene
Concen: 44.266 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

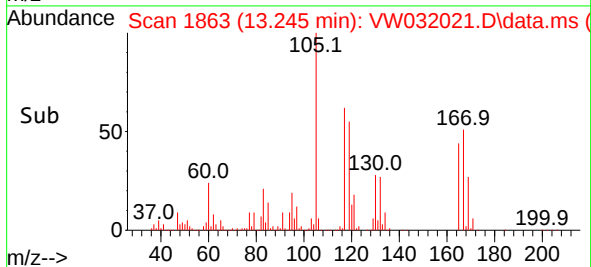
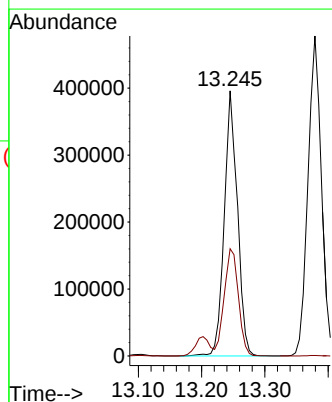
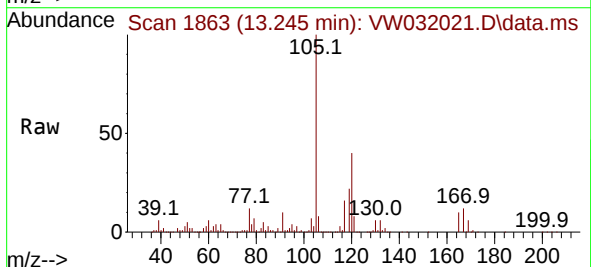
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

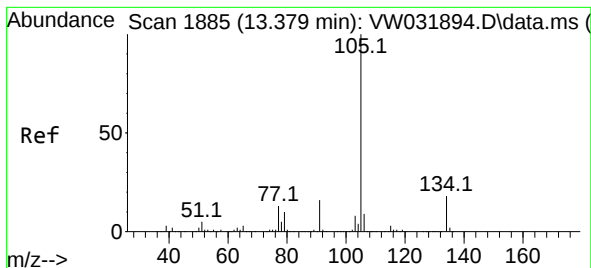
Tgt Ion:119 Resp: 479871
Ion Ratio Lower Upper
119 100
91 68.9 35.5 106.5
134 23.1 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 44.186 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion:105 Resp: 569184
Ion Ratio Lower Upper
105 100
120 43.5 21.3 63.9





#85

sec-Butylbenzene

Concen: 43.103 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

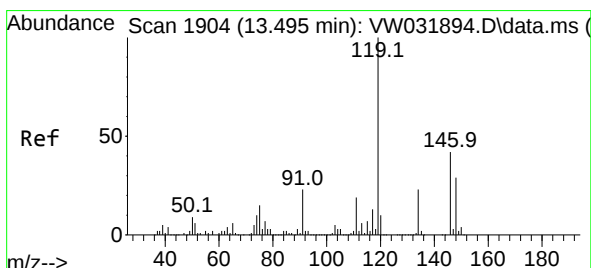
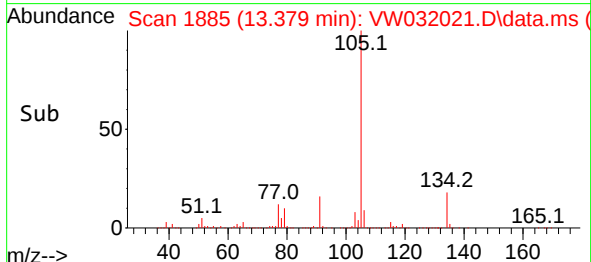
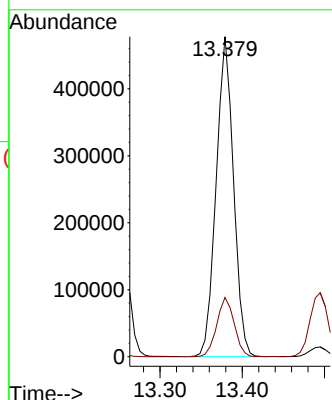
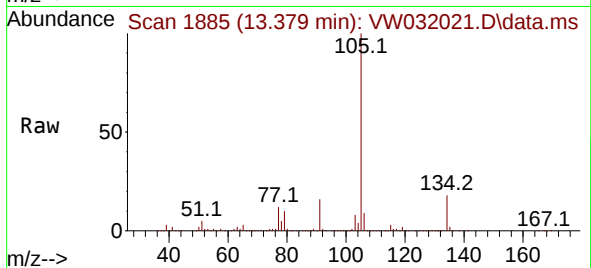
VSTDCCC050EC

Tgt Ion:105 Resp: 701720

Ion Ratio Lower Upper

105 100

134 18.6 9.2 27.6



#86

p-Isopropyltoluene

Concen: 43.922 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

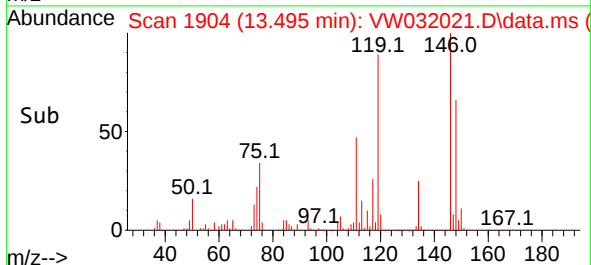
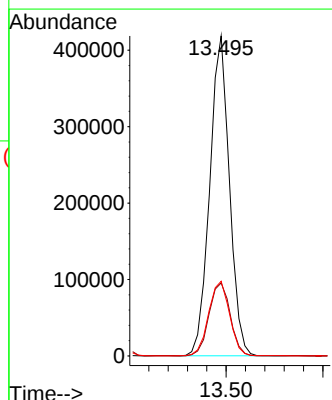
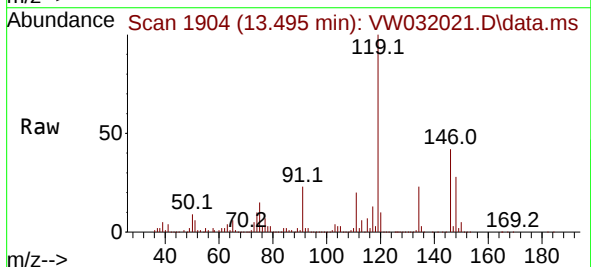
Tgt Ion:119 Resp: 591025

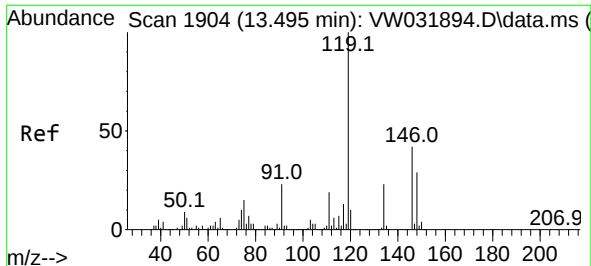
Ion Ratio Lower Upper

119 100

134 24.7 13.0 39.0

91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 42.595 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

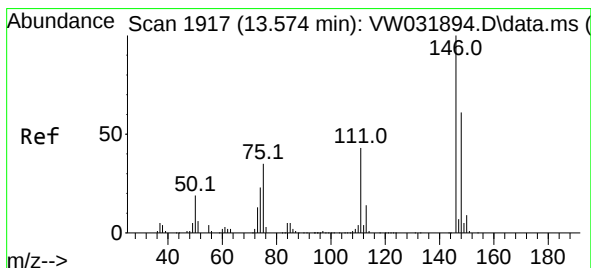
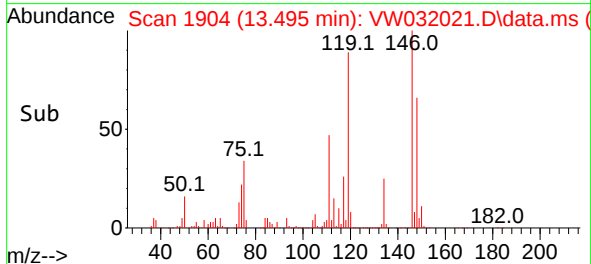
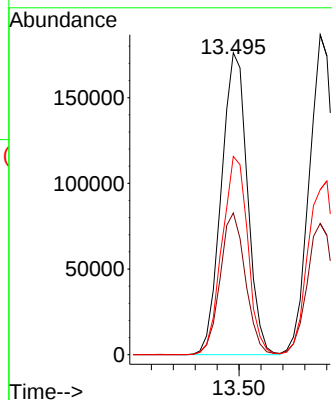
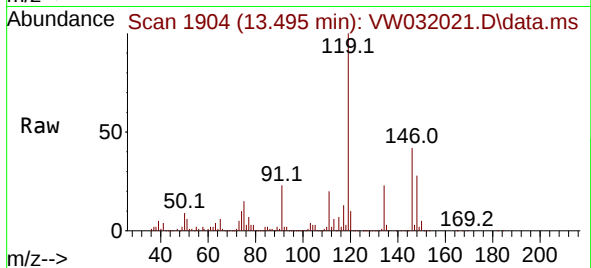
Tgt Ion:146 Resp: 291114

Ion Ratio Lower Upper

146 100

111 45.5 21.9 65.7

148 64.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.050 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

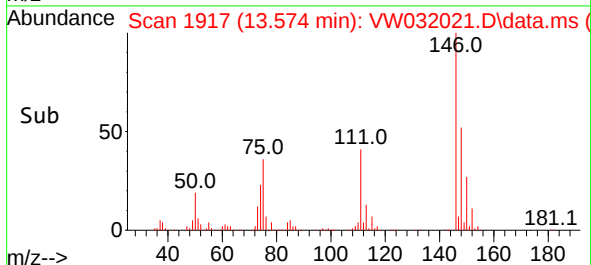
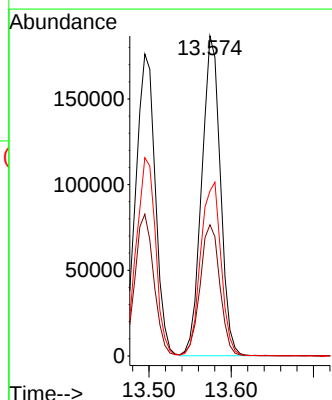
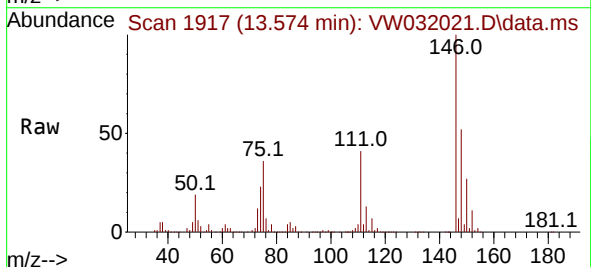
Tgt Ion:146 Resp: 294924

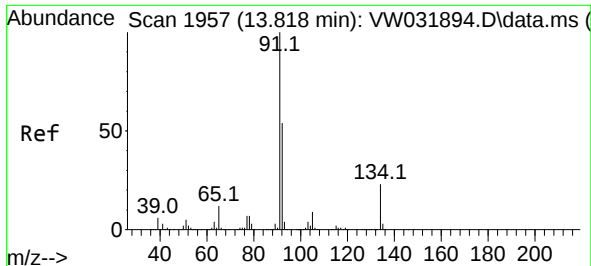
Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.3

148 59.1 31.8 95.3

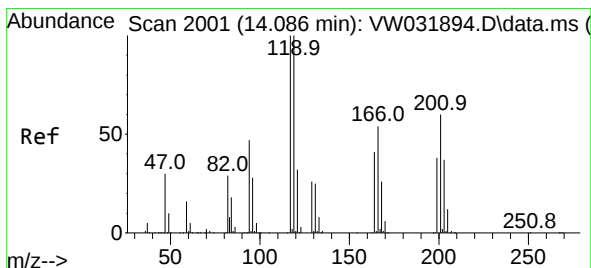
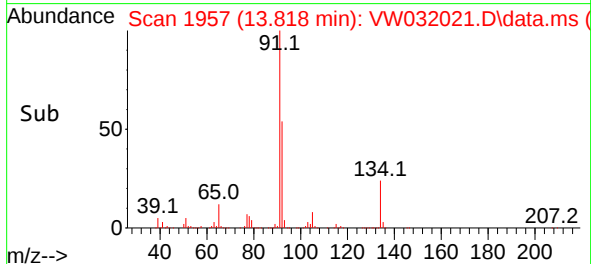
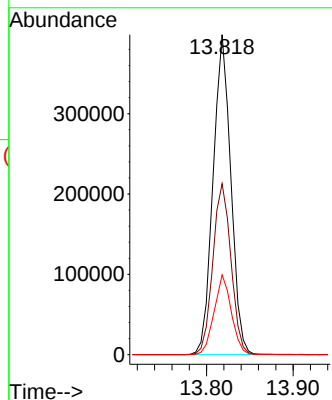
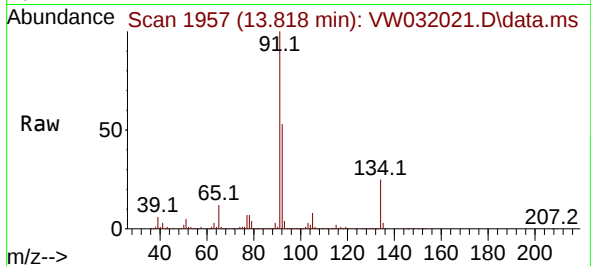




#89
n-Butylbenzene
Concen: 42.946 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

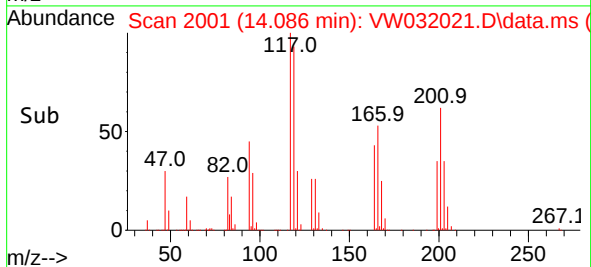
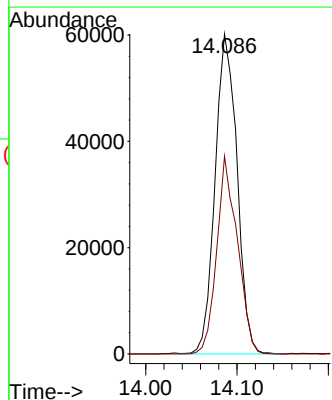
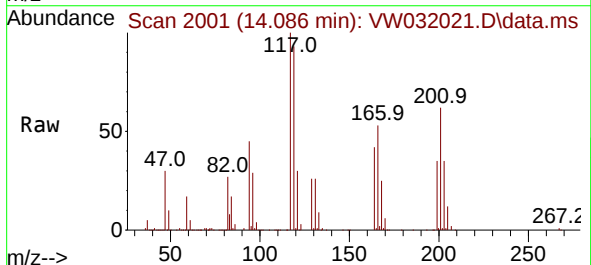
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

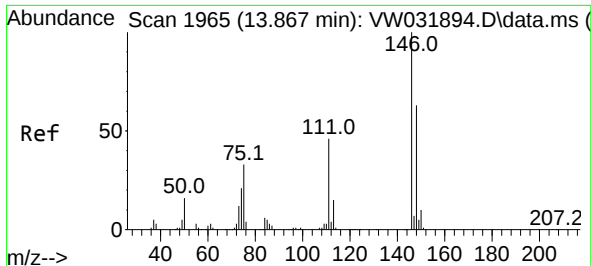
Tgt Ion: 91 Resp: 566893
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 24.2 11.6 34.7



#90
Hexachloroethane
Concen: 43.197 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 117 Resp: 100512
Ion Ratio Lower Upper
117 100
201 58.3 28.4 85.2

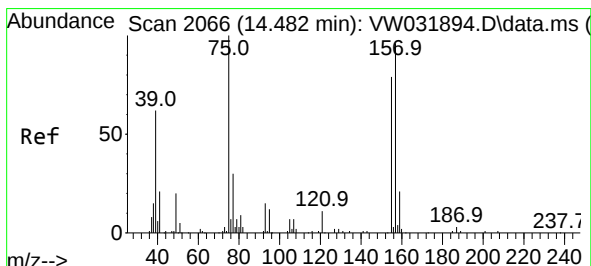
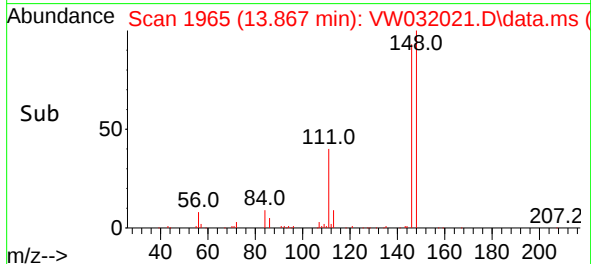
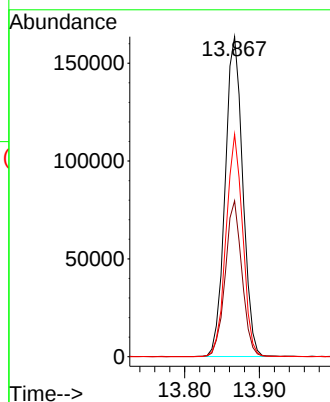
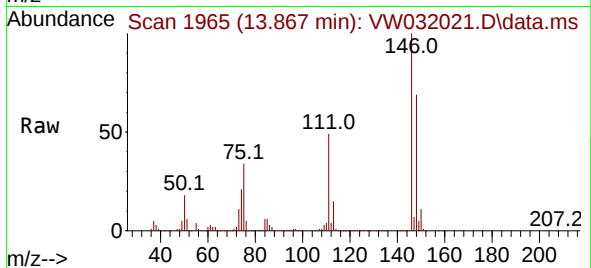




#91
1,2-Dichlorobenzene
Concen: 44.201 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

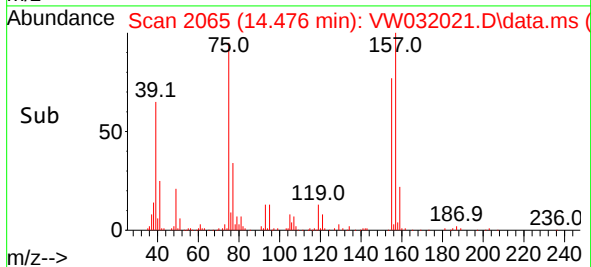
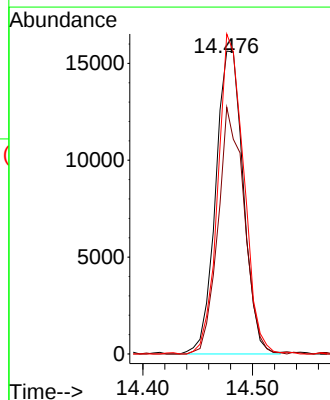
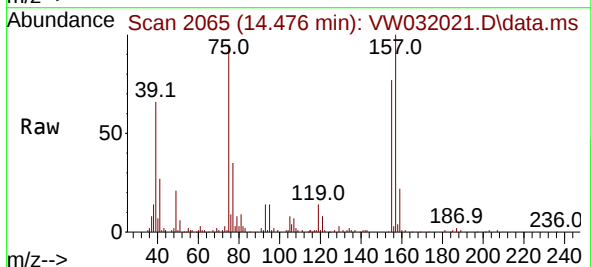
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

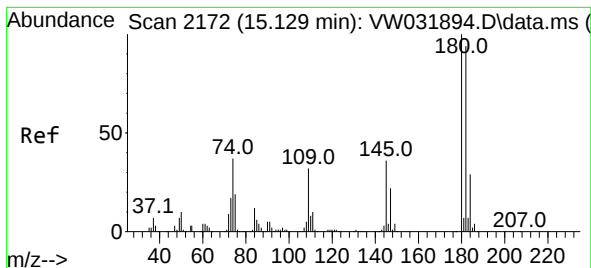
Tgt Ion:146 Resp: 267724
Ion Ratio Lower Upper
146 100
111 46.2 23.6 71.0
148 65.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.161 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032021.D
Acq: 05 Aug 2025 18:14

Tgt Ion: 75 Resp: 27444
Ion Ratio Lower Upper
75 100
155 76.9 35.9 107.7
157 98.7 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 47.446 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

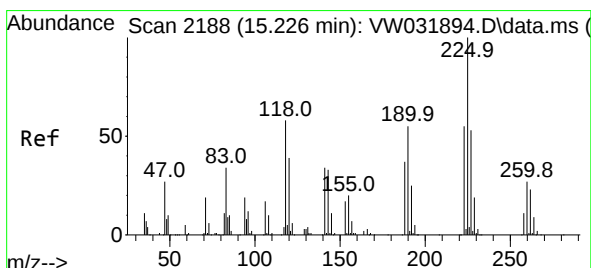
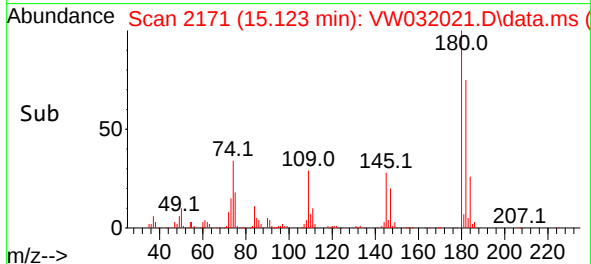
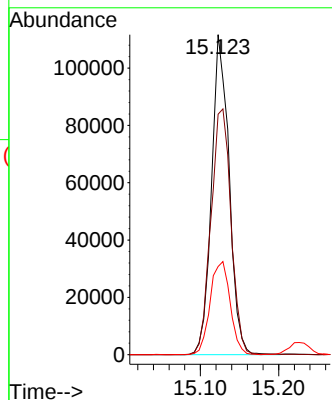
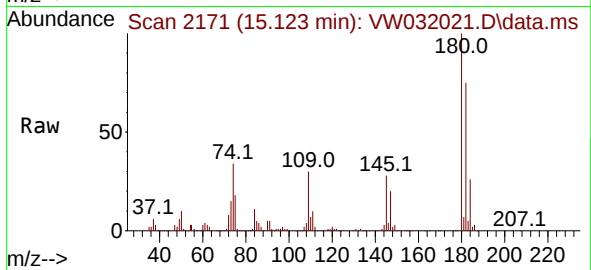
Tgt Ion:180 Resp: 173311

Ion Ratio Lower Upper

180 100

182 88.0 51.0 153.1

145 33.4 18.4 55.4



#94

Hexachlorobutadiene

Concen: 42.181 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

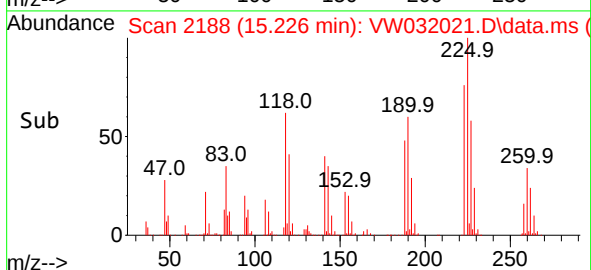
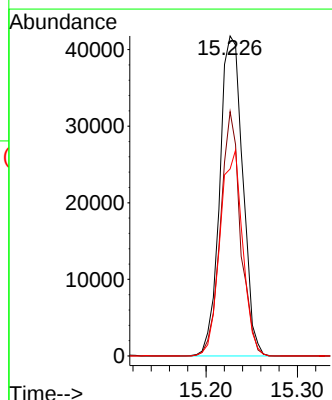
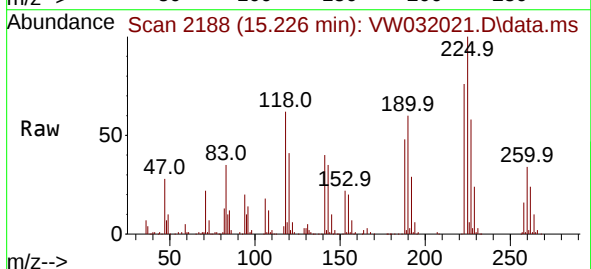
Tgt Ion:225 Resp: 73011

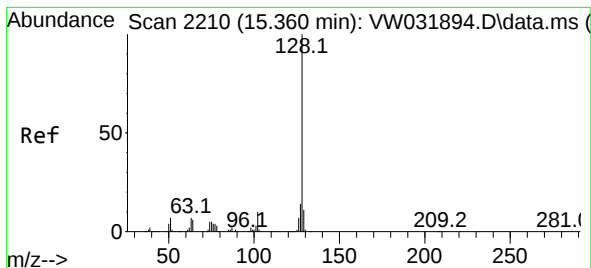
Ion Ratio Lower Upper

225 100

223 67.0 30.9 92.7

227 63.2 30.0 90.1





#95

Naphthalene

Concen: 49.887 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

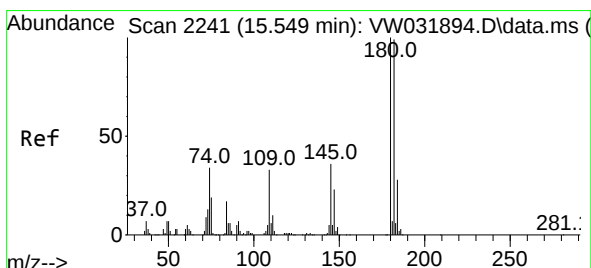
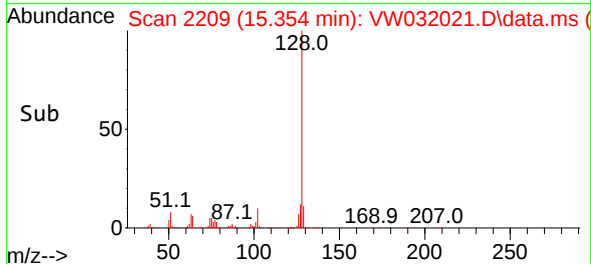
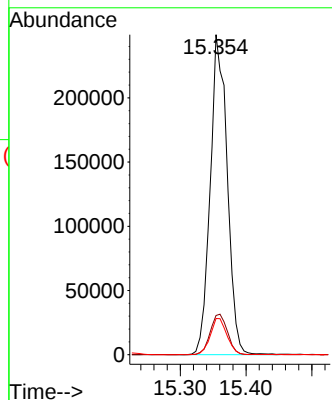
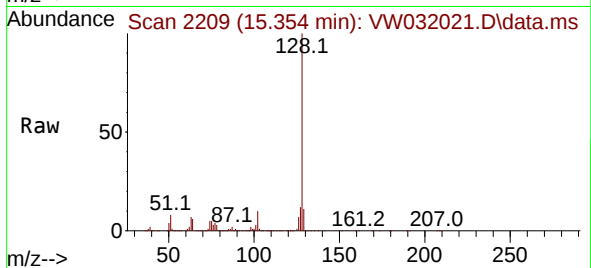
Tgt Ion:128 Resp: 448015

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.3 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 45.950 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032021.D

Acq: 05 Aug 2025 18:14

Tgt Ion:180 Resp: 152078

Ion Ratio Lower Upper

180 100

182 90.7 50.4 151.2

145 38.0 18.6 55.8

