

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032034.D
 Acq On : 06 Aug 2025 17:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 07 02:21:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	383581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	749096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	674251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	325041	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	259401	44.704	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	89.400%
35) Dibromofluoromethane	7.898	113	240471	47.242	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.480%
50) Toluene-d8	10.331	98	907129	47.087	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.617	95	349843	47.293	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.580%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.039	85	66642	23.376	ug/l	93
3) Chloromethane	2.253	50	99516	27.197	ug/l	98
4) Vinyl Chloride	2.405	62	116237	24.454	ug/l	97
5) Bromomethane	2.826	94	91814	26.231	ug/l	98
6) Chloroethane	2.972	64	84902	27.064	ug/l	98
7) Trichlorofluoromethane	3.301	101	108571	22.552	ug/l	95
8) Diethyl Ether	3.722	74	79291	24.656	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	121399	26.216	ug/l	98
10) Methyl Iodide	4.301	142	183430	26.494	ug/l	97
11) Tert butyl alcohol	5.234	59	36018	105.599	ug/l	100
12) 1,1-Dichloroethene	4.082	96	133375	26.077	ug/l	89
13) Acrolein	3.936	56	7836	7.897	ug/l	97
14) Allyl chloride	4.704	41	197800	24.843	ug/l	99
15) Acrylonitrile	5.405	53	145729	101.358	ug/l	99
16) Acetone	4.167	43	114888	83.438	ug/l	100
17) Carbon Disulfide	4.423	76	337286	25.427	ug/l	98
18) Methyl Acetate	4.716	43	85093	22.431	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	225303	25.494	ug/l	99
20) Methylene Chloride	4.948	84	149195	22.802	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	143079	26.366	ug/l	96
22) Diisopropyl ether	6.344	45	438447	27.520	ug/l	99
23) Vinyl Acetate	6.283	43	1207599	116.018	ug/l	98
24) 1,1-Dichloroethane	6.246	63	272660	27.487	ug/l	98
25) 2-Butanone	7.197	43	189884	100.790	ug/l	100
26) 2,2-Dichloropropane	7.185	77	135253	24.084	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	179367	28.115	ug/l	100
28) Bromochloromethane	7.532	49	96061	23.129	ug/l	98
29) Tetrahydrofuran	7.557	42	128004	103.633	ug/l	99
30) Chloroform	7.697	83	292708	28.143	ug/l	94
31) Cyclohexane	7.971	56	226341	25.434	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	212985	26.911	ug/l	97
36) 1,1-Dichloropropene	8.093	75	198242	25.360	ug/l	98
37) Ethyl Acetate	7.276	43	85727	19.224	ug/l	99
38) Carbon Tetrachloride	8.087	117	186937	24.918	ug/l	98
39) Methylcyclohexane	9.343	83	249311	25.343	ug/l	97
40) Benzene	8.337	78	623429	26.941	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032034.D
 Acq On : 06 Aug 2025 17:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 07 02:21:53 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)
41) Methacrylonitrile	7.502	41	53166	19.917	ug/l	96
42) 1,2-Dichloroethane	8.416	62	176097	23.778	ug/l	98
43) Isopropyl Acetate	8.441	43	170142	21.076	ug/l	97
44) Trichloroethene	9.105	130	145458	26.445	ug/l	91
45) 1,2-Dichloropropane	9.374	63	147401	26.449	ug/l	99
46) Dibromomethane	9.465	93	82128	23.773	ug/l	95
47) Bromodichloromethane	9.648	83	214902	25.942	ug/l	98
48) Methyl methacrylate	9.441	41	83309	21.691	ug/l	99
49) 1,4-Dioxane	9.465	88	16123	467.722	ug/l	94
51) 4-Methyl-2-Pentanone	10.215	43	462087	104.590	ug/l	99
52) Toluene	10.392	92	396812	26.676	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	189972	23.907	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	229527	25.293	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	110843	24.155	ug/l	96
56) Ethyl methacrylate	10.648	69	154240	23.799	ug/l	99
57) 1,3-Dichloropropane	10.934	76	196167	24.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	319423	95.954	ug/l	98
59) 2-Hexanone	10.971	43	315887	102.862	ug/l	99
60) Dibromochloromethane	11.129	129	130473	24.386	ug/l	99
61) 1,2-Dibromoethane	11.239	107	105123	23.184	ug/l	99
64) Tetrachloroethene	10.867	164	112380	25.280	ug/l	92
65) Chlorobenzene	11.654	112	428354	25.958	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	136554	26.693	ug/l	96
67) Ethyl Benzene	11.733	91	745183	25.701	ug/l	99
68) m/p-Xylenes	11.837	106	582750	53.390	ug/l	97
69) o-Xylene	12.166	106	274783	26.602	ug/l	97
70) Styrene	12.178	104	471859	26.830	ug/l	99
71) Bromoform	12.349	173	63436	22.673	ug/l #	95
73) Isopropylbenzene	12.464	105	690379	24.479	ug/l	96
74) N-amyl acetate	12.269	43	164628	21.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	124588	20.812	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	157816	35.167	ug/l #	100
77) Bromobenzene	12.745	156	153365	25.133	ug/l	92
78) n-propylbenzene	12.800	91	856574	24.729	ug/l	98
79) 2-Chlorotoluene	12.891	91	521256	25.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	584878	24.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	36851	18.958	ug/l	98
82) 4-Chlorotoluene	12.989	91	528572	24.362	ug/l	99
83) tert-Butylbenzene	13.202	119	491048	24.372	ug/l	100
84) 1,2,4-Trimethylbenzene	13.251	105	600214	25.071	ug/l	99
85) sec-Butylbenzene	13.379	105	740372	24.470	ug/l	98
86) p-Isopropyltoluene	13.495	119	611415	24.448	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	326674	25.718	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	302144	24.282	ug/l	98
89) n-Butylbenzene	13.818	91	606061	24.704	ug/l	99
90) Hexachloroethane	14.086	117	105108	24.305	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	270970	24.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	20644	19.088	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	171637	25.282	ug/l	94
94) Hexachlorobutadiene	15.226	225	73614	22.883	ug/l	92
95) Naphthalene	15.360	128	364417	21.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	146407	23.802	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
Data File : VW032034.D
Acq On : 06 Aug 2025 17:19
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

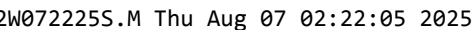
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

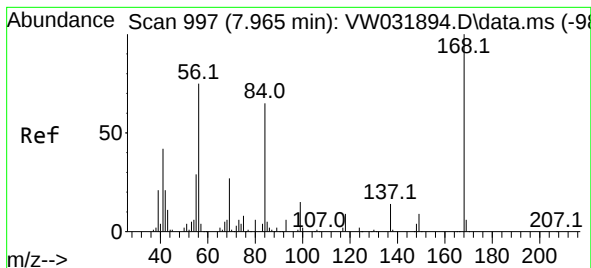
Quant Time: Aug 07 02:21:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 07 02:21:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

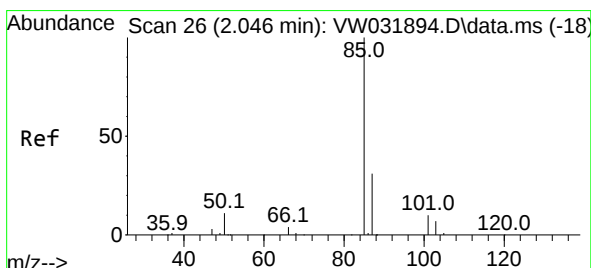
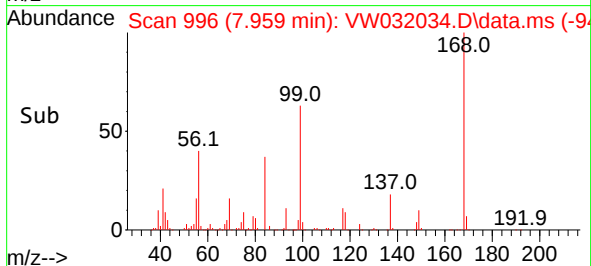
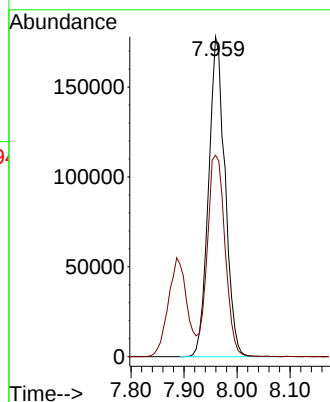
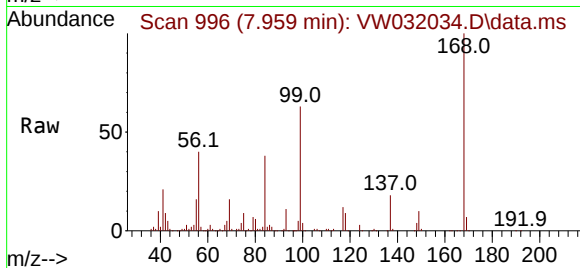
VSTDCCC050EC

Tgt Ion:168 Resp: 383581

Ion Ratio Lower Upper

168 100

99 62.9 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 23.376 ug/l

RT: 2.039 min Scan# 25

Delta R.T. -0.006 min

Lab File: VW032034.D

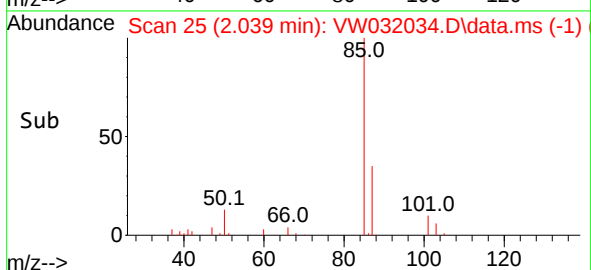
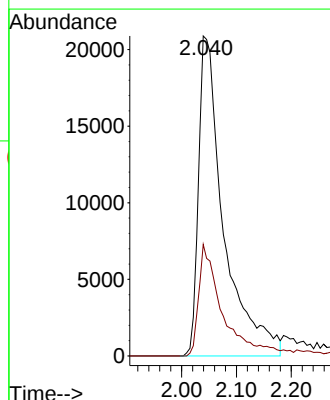
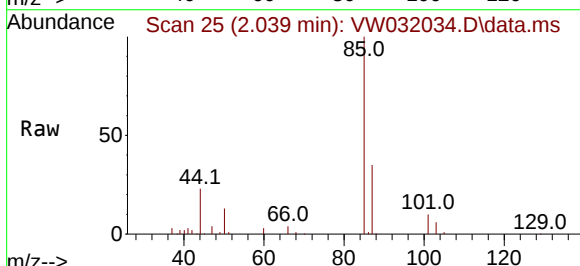
Acq: 06 Aug 2025 17:19

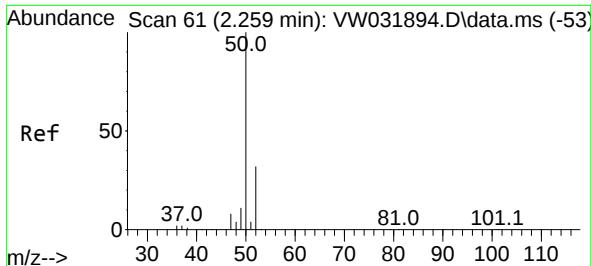
Tgt Ion: 85 Resp: 66642

Ion Ratio Lower Upper

85 100

87 34.8 15.5 46.5

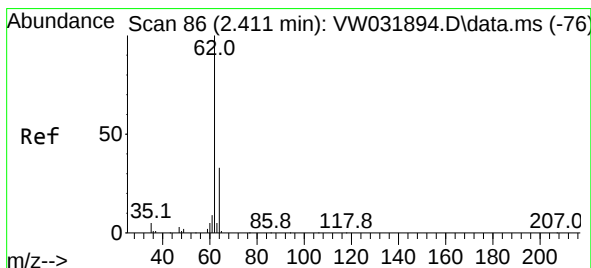
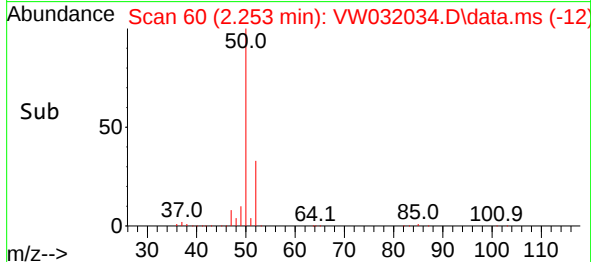
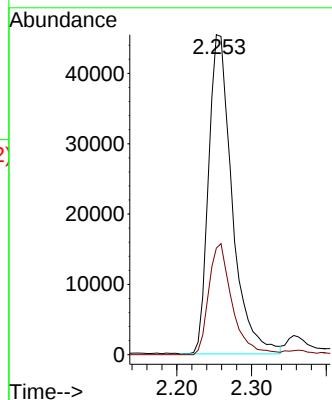
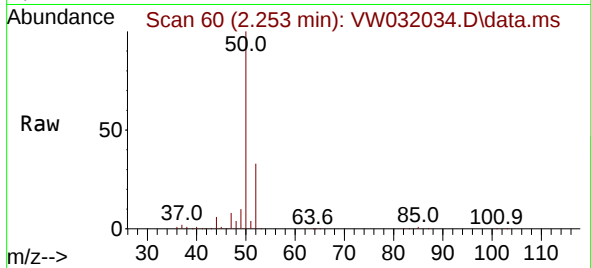




#3
Chloromethane
Concen: 27.197 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

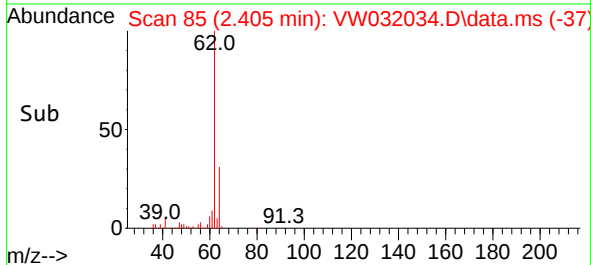
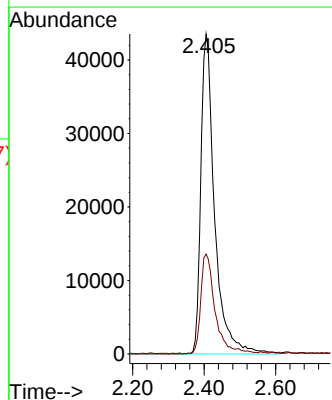
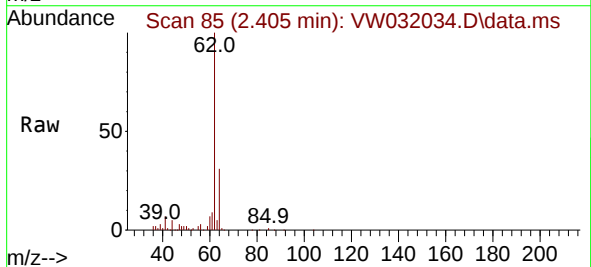
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

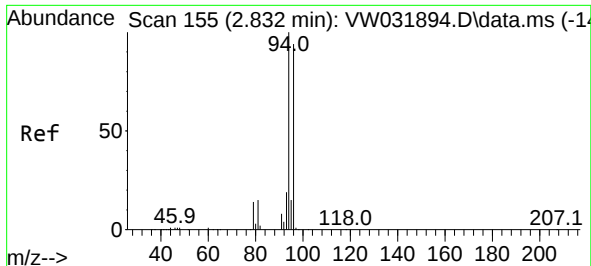
Tgt Ion: 50 Resp: 99516
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 24.454 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 62 Resp: 116237
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2

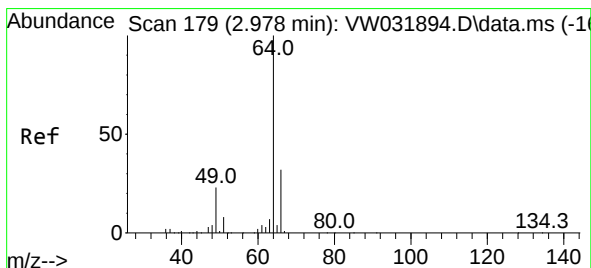
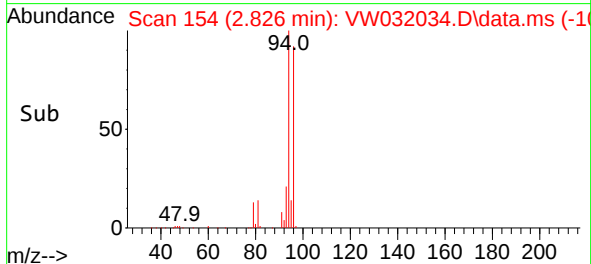
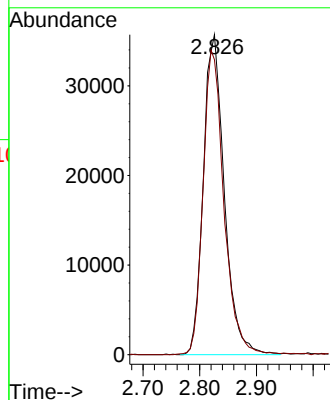
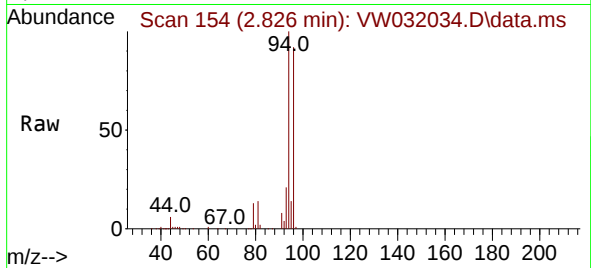




#5
Bromomethane
Concen: 26.231 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

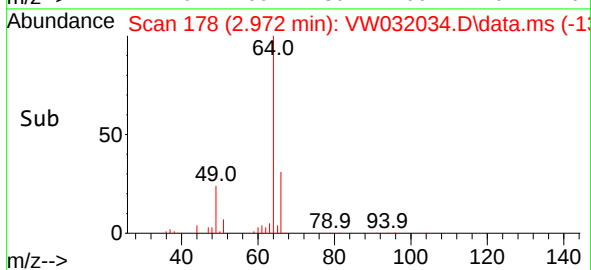
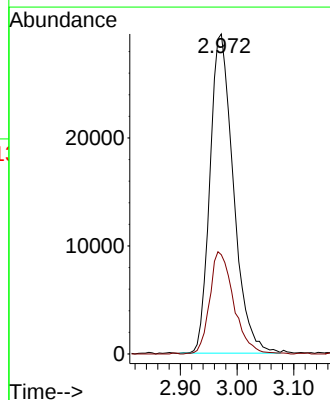
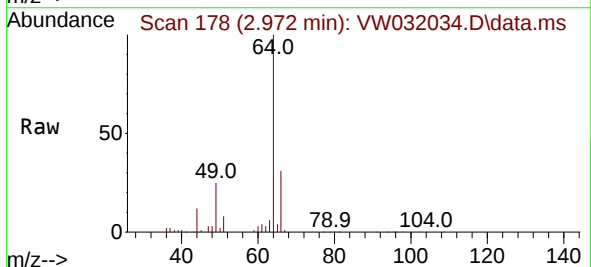
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

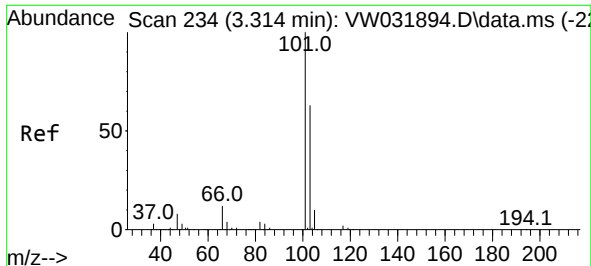
Tgt Ion: 94 Resp: 91814
Ion Ratio Lower Upper
94 100
96 91.9 75.0 112.6



#6
Chloroethane
Concen: 27.064 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 64 Resp: 84902
Ion Ratio Lower Upper
64 100
66 31.1 25.6 38.4

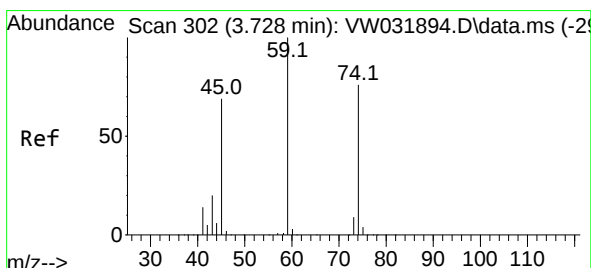
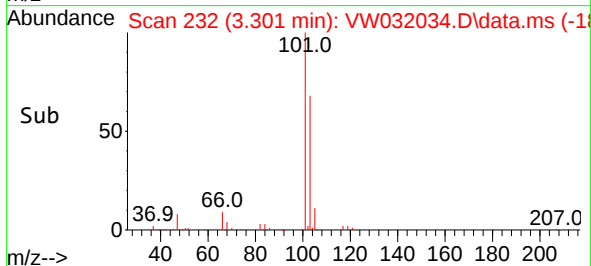
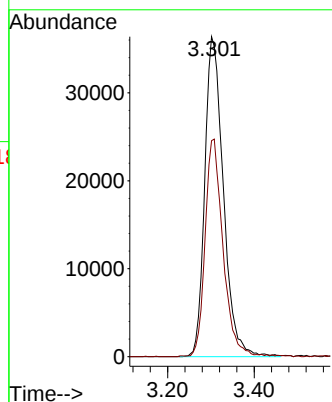
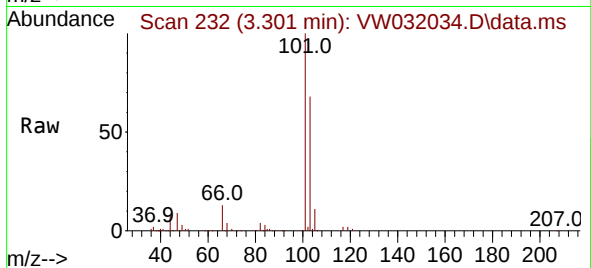




#7
 Trichlorofluoromethane
 Concen: 22.552 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

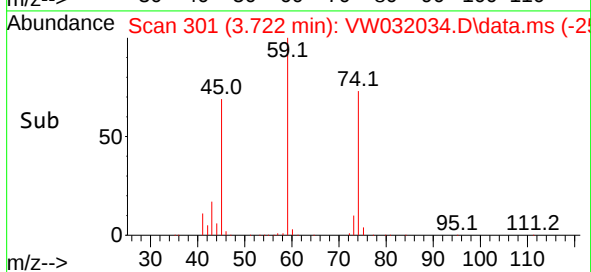
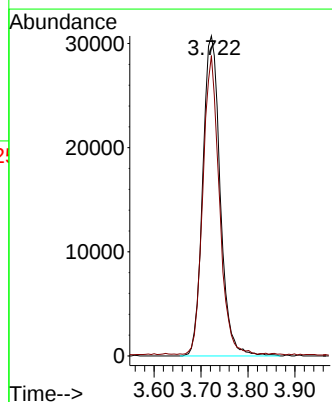
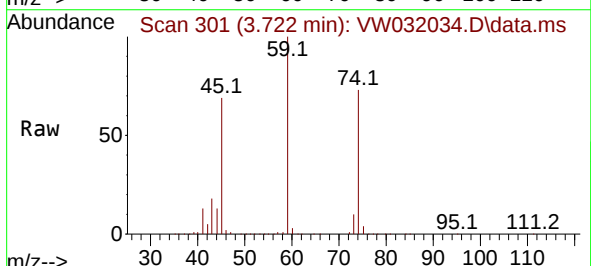
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

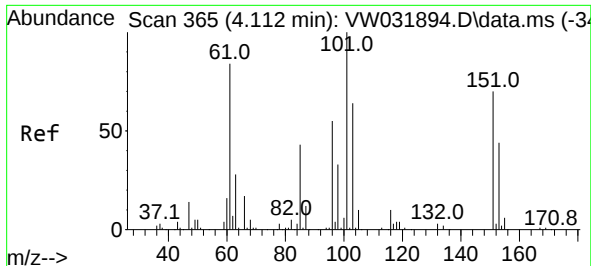
Tgt Ion:101 Resp: 108571
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 24.656 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Tgt Ion: 74 Resp: 79291
 Ion Ratio Lower Upper
 74 100
 45 87.7 45.5 136.5

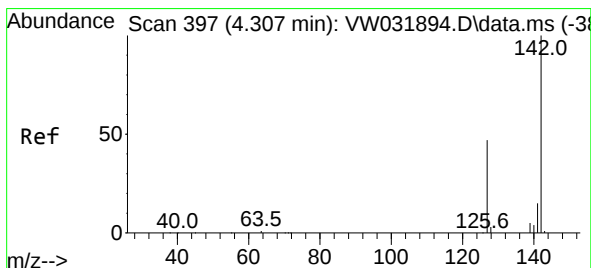
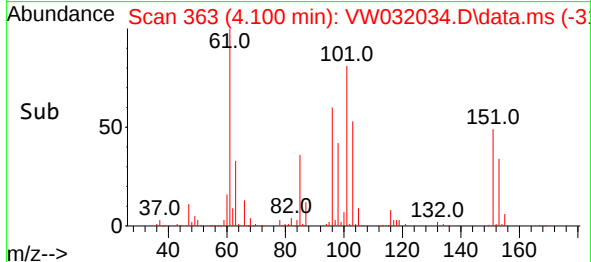
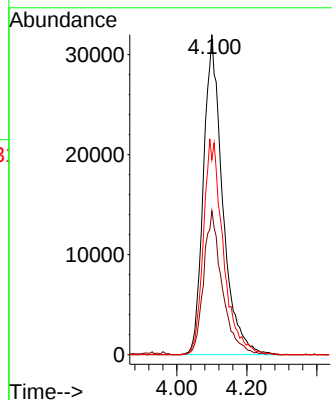
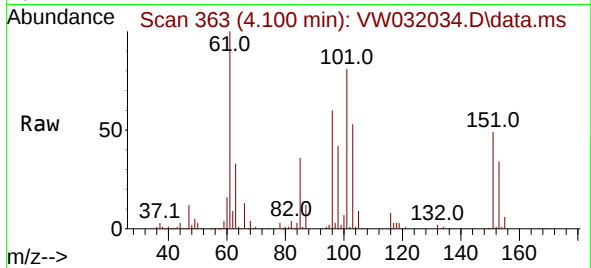




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.216 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

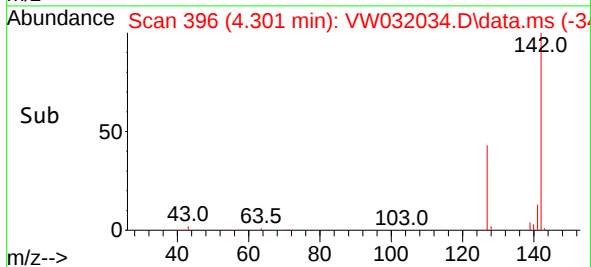
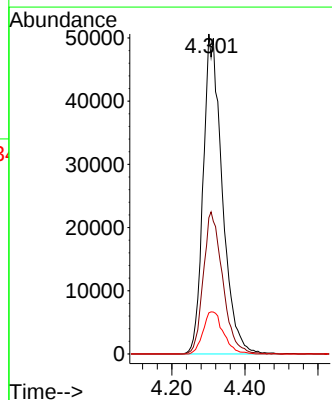
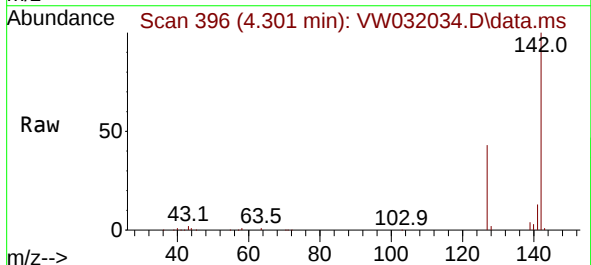
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

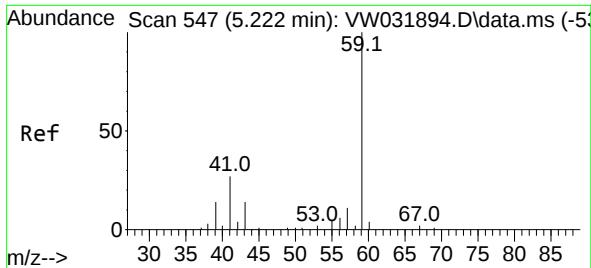
Tgt Ion:101 Resp: 121399
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 69.7 54.6 81.8



#10
Methyl Iodide
Concen: 26.494 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:142 Resp: 183430
Ion Ratio Lower Upper
142 100
127 45.0 37.4 56.2
141 14.0 11.9 17.9

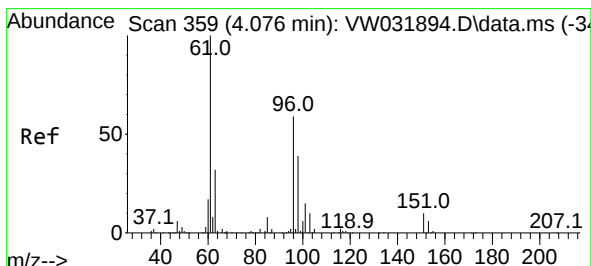
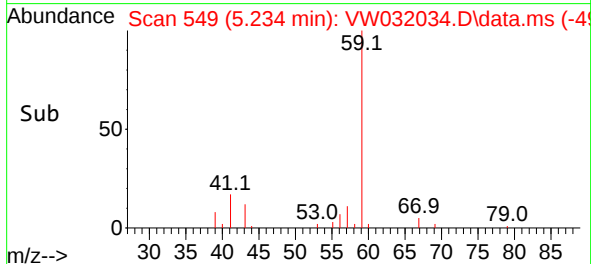
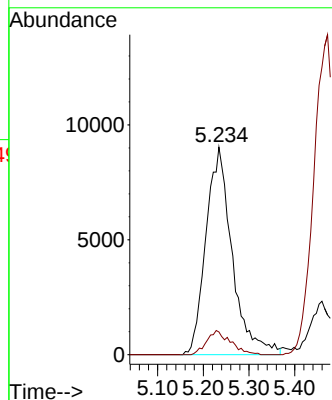
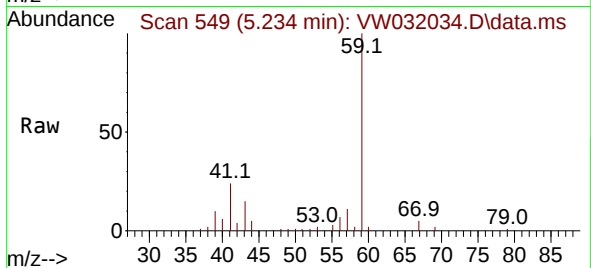




#11
Tert butyl alcohol
Concen: 105.599 ug/l
RT: 5.234 min Scan# 547
Delta R.T. 0.012 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

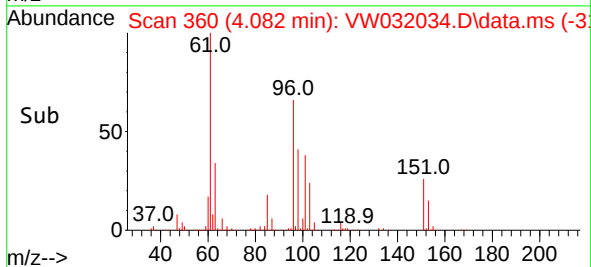
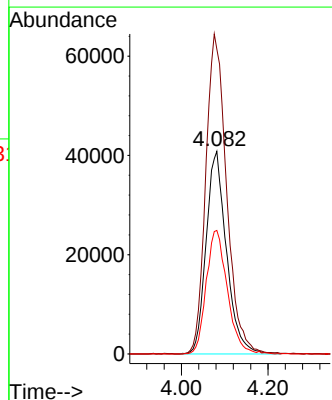
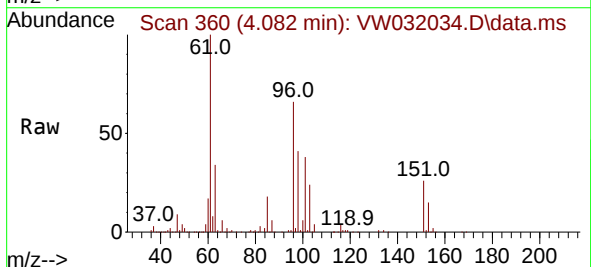
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

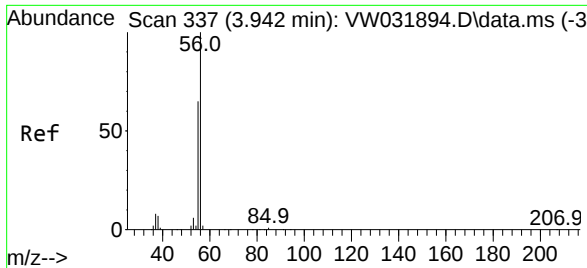
Tgt Ion: 59 Resp: 36018
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 26.077 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 96 Resp: 133375
Ion Ratio Lower Upper
96 100
61 150.4 135.0 202.6
98 61.0 52.3 78.5

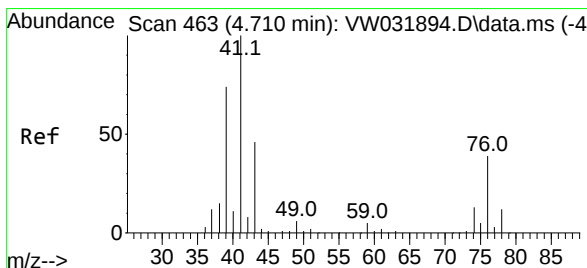
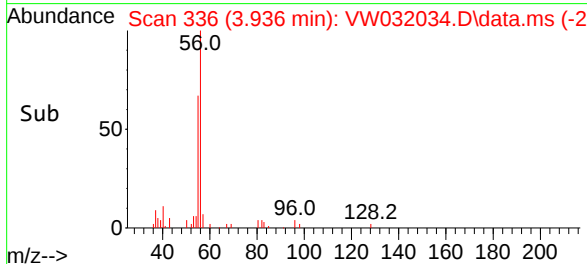
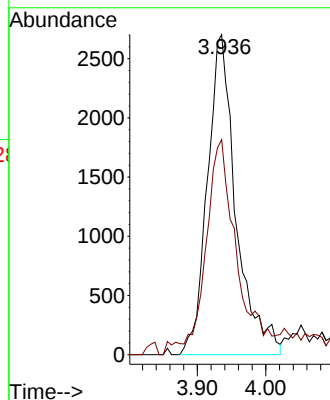
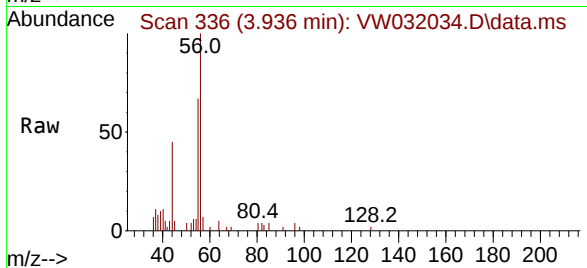




#13
Acrolein
Concen: 7.897 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

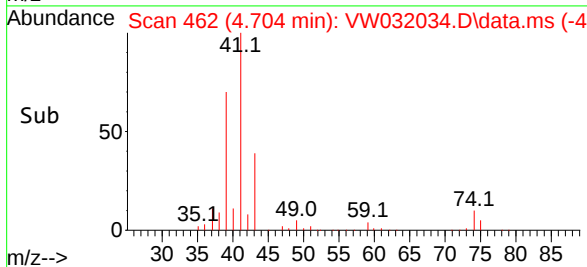
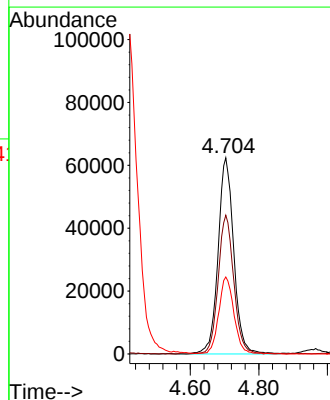
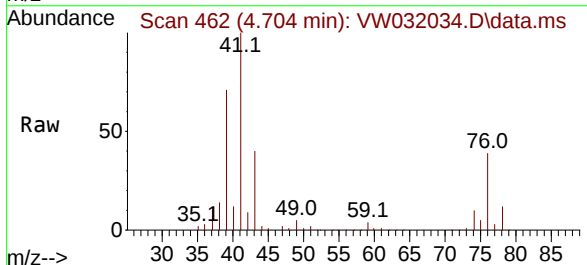
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

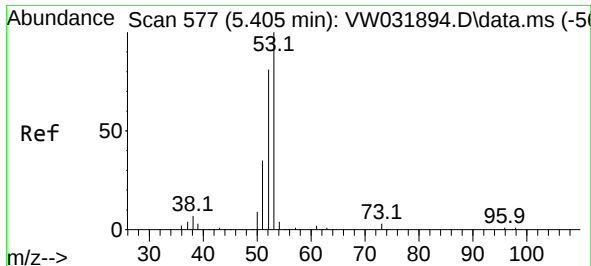
Tgt Ion: 56 Resp: 7836
Ion Ratio Lower Upper
56 100
55 73.3 56.7 85.1



#14
Allyl chloride
Concen: 24.843 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 41 Resp: 197800
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 37.0 30.1 45.1

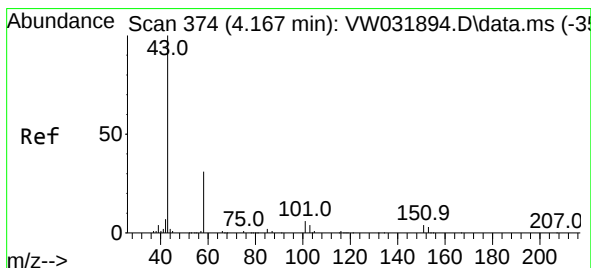
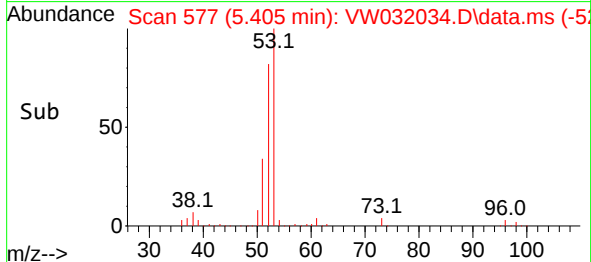
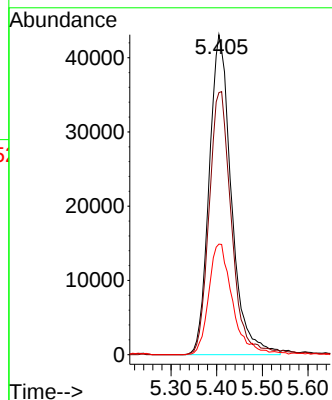
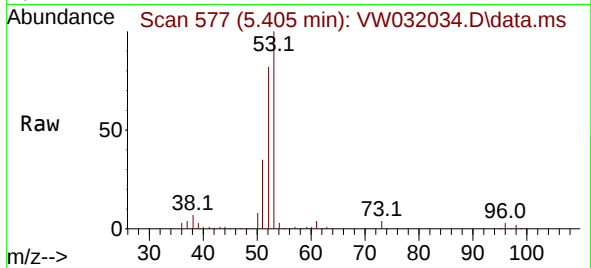




#15
Acrylonitrile
Concen: 101.358 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

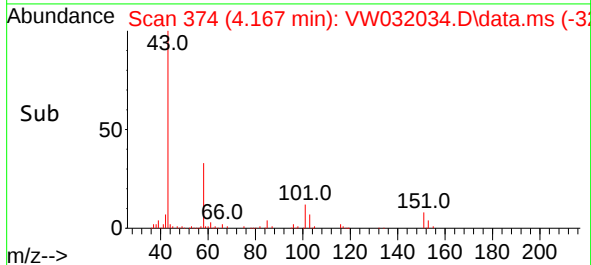
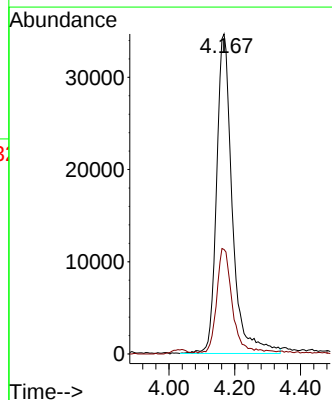
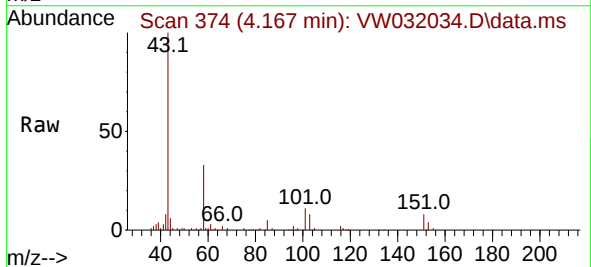
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

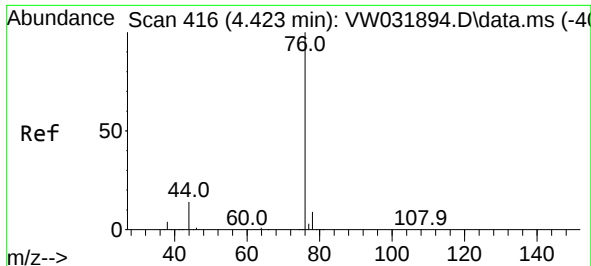
Tgt Ion: 53 Resp: 145729
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 37.1 29.9 44.9



#16
Acetone
Concen: 83.438 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 43 Resp: 114888
Ion Ratio Lower Upper
43 100
58 31.8 25.5 38.3

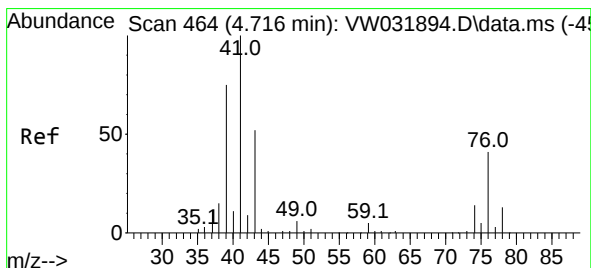
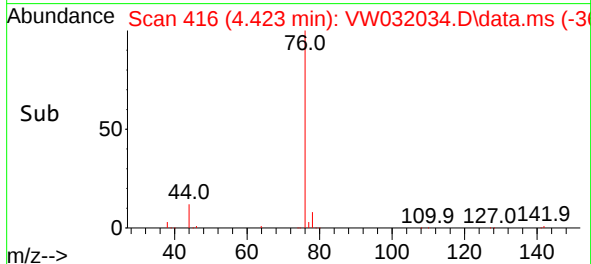
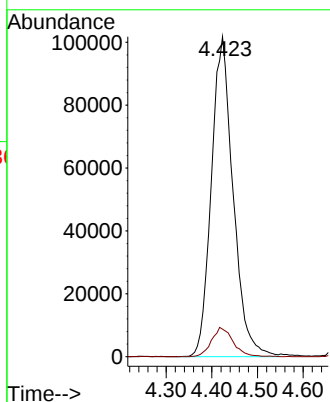
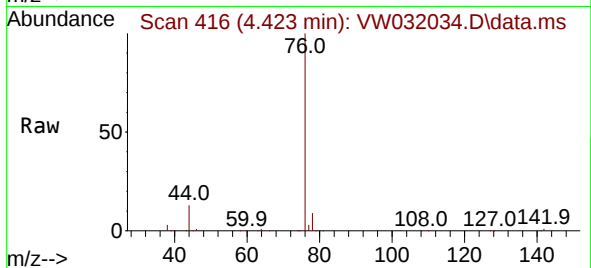




#17
Carbon Disulfide
Concen: 25.427 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

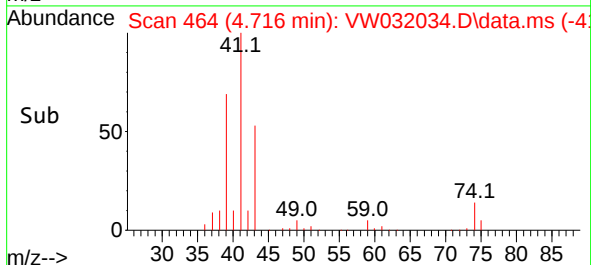
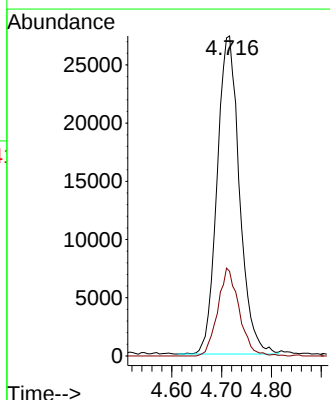
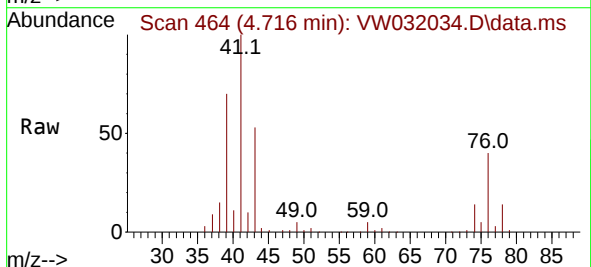
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

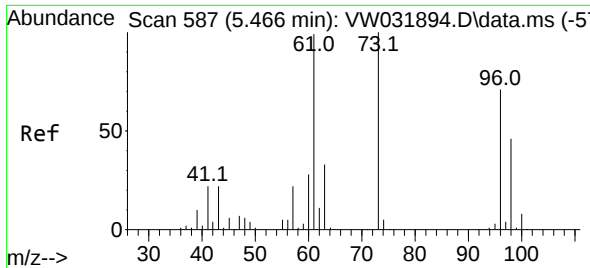
Tgt Ion: 76 Resp: 337286
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 22.431 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 43 Resp: 85093
Ion Ratio Lower Upper
43 100
74 26.4 20.6 31.0

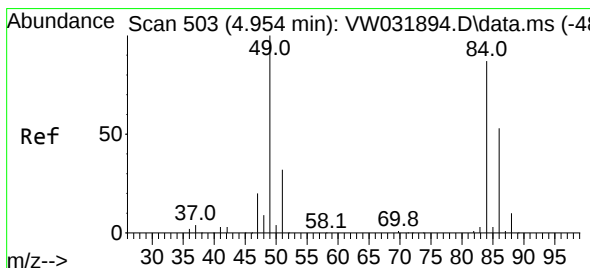
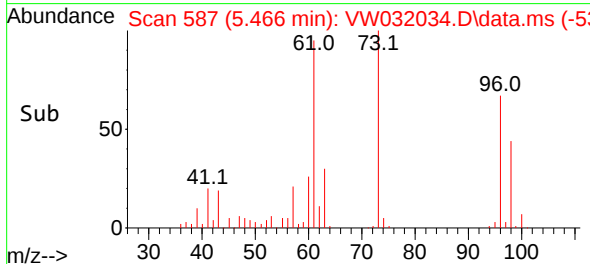
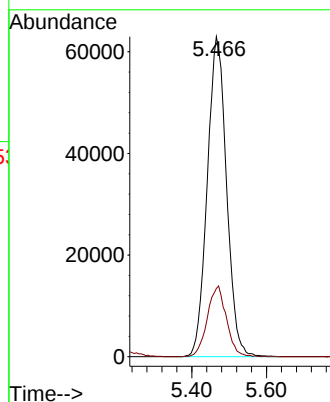
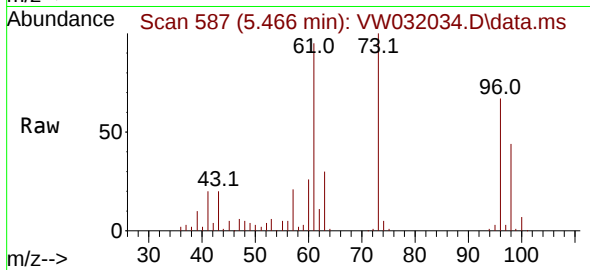




#19
Methyl tert-butyl Ether
Concen: 25.494 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

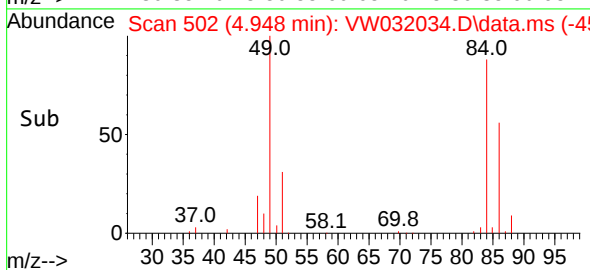
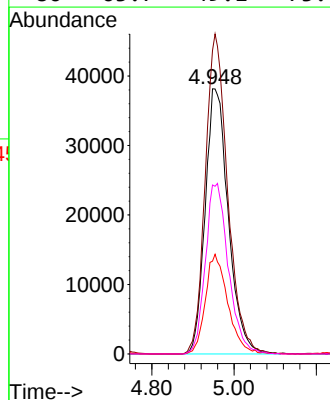
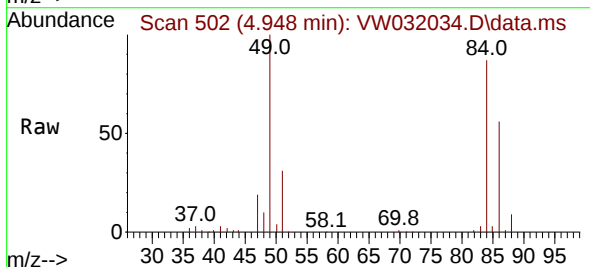
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

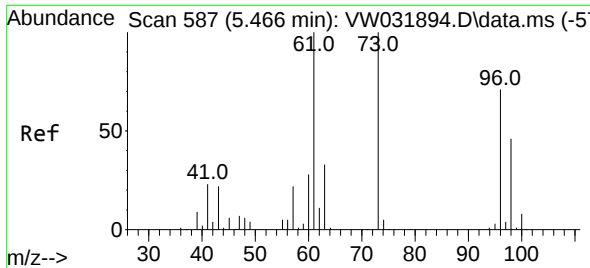
Tgt Ion: 73 Resp: 225303
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3



#20
Methylene Chloride
Concen: 22.802 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 84 Resp: 149195
Ion Ratio Lower Upper
84 100
49 114.5 91.9 137.9
51 35.0 29.0 43.6
86 63.7 49.1 73.7

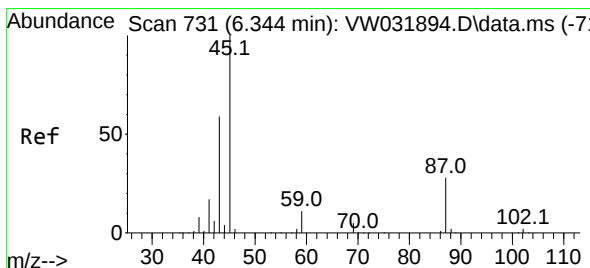
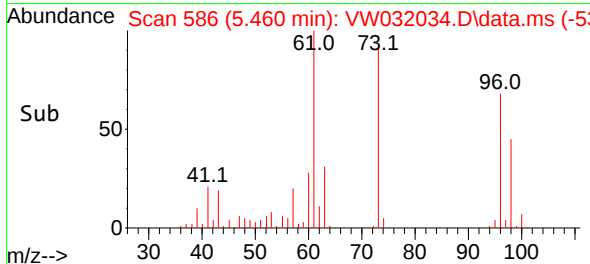
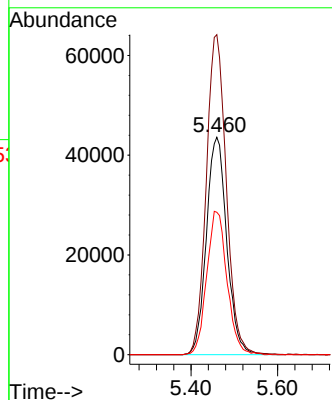
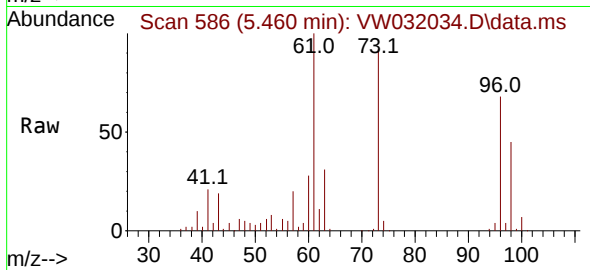




#21
trans-1,2-Dichloroethene
Concen: 26.366 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

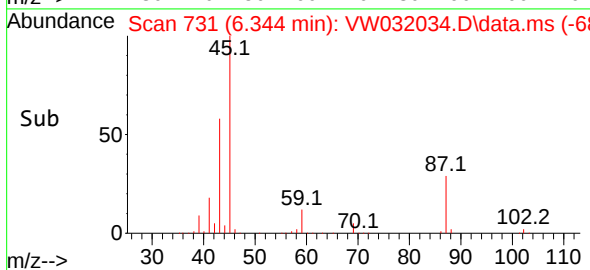
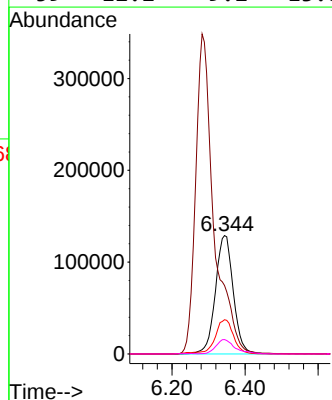
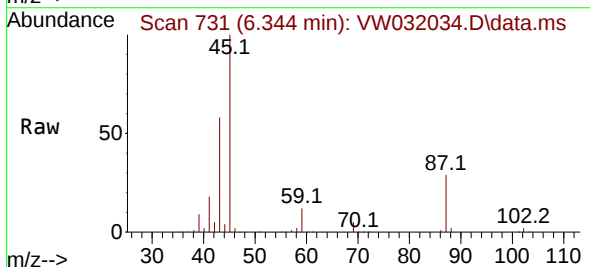
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

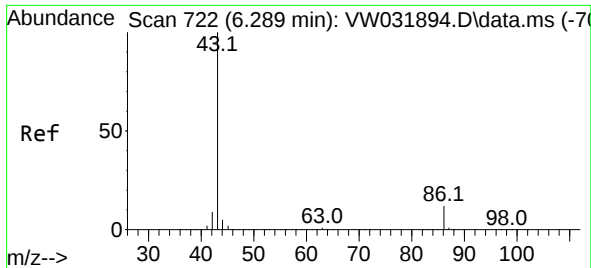
Tgt Ion: 96 Resp: 143079
Ion Ratio Lower Upper
96 100
61 147.1 112.8 169.2
98 65.5 51.9 77.9



#22
Diisopropyl ether
Concen: 27.520 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 45 Resp: 438447
Ion Ratio Lower Upper
45 100
43 57.5 47.0 70.6
87 28.9 22.8 34.2
59 12.2 9.2 13.8

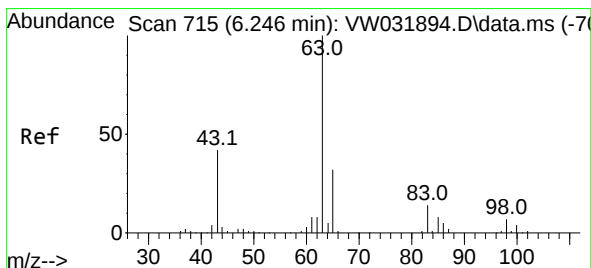
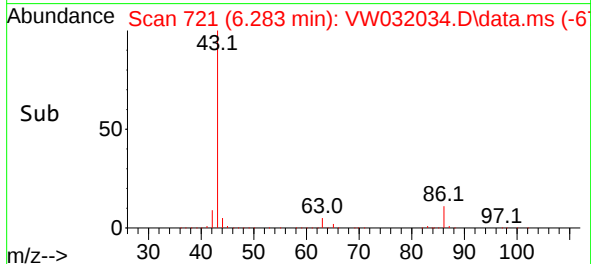
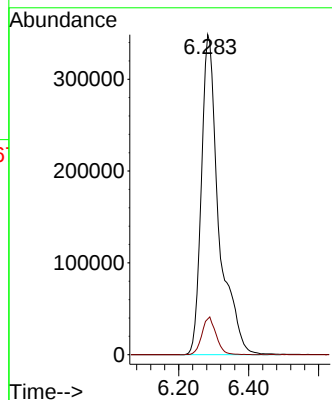
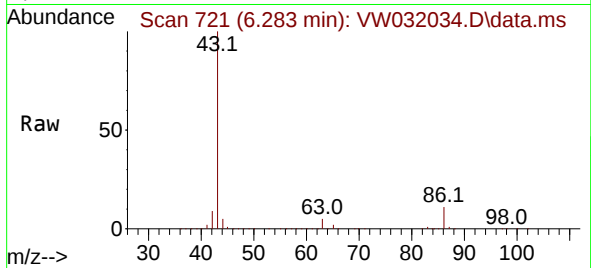




#23
 Vinyl Acetate
 Concen: 116.018 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

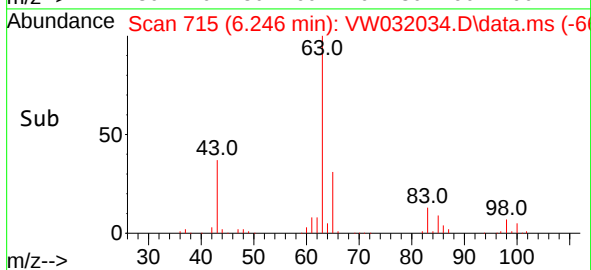
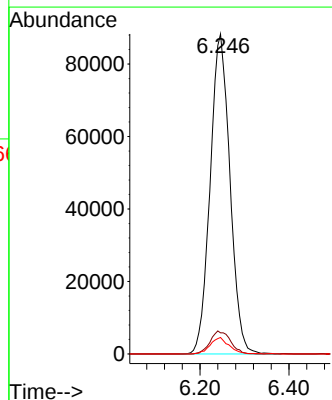
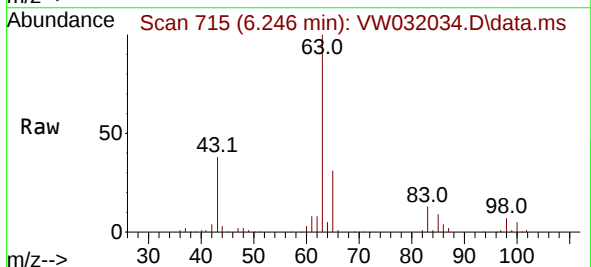
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

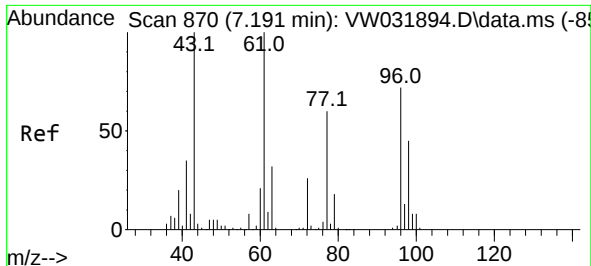
Tgt Ion: 43 Resp: 1207599
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 27.487 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Tgt Ion: 63 Resp: 272660
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 5.2 2.2 6.6

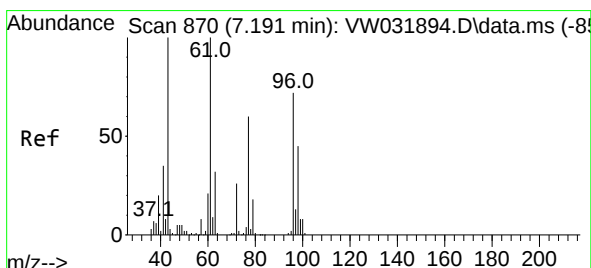
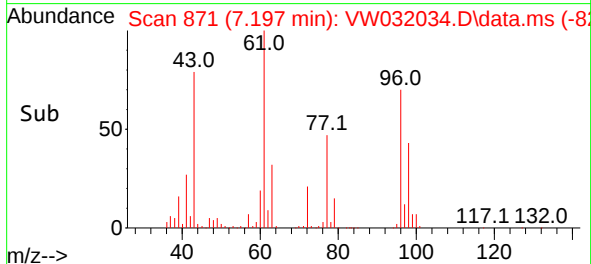
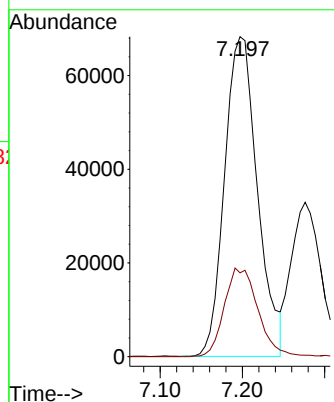
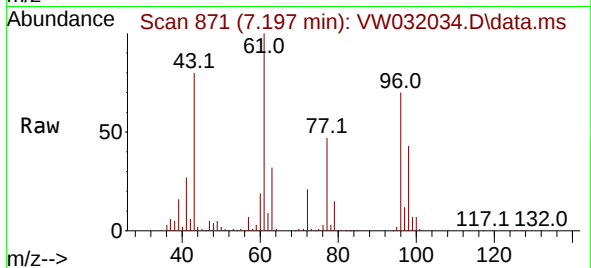




#25
2-Butanone
Concen: 100.790 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

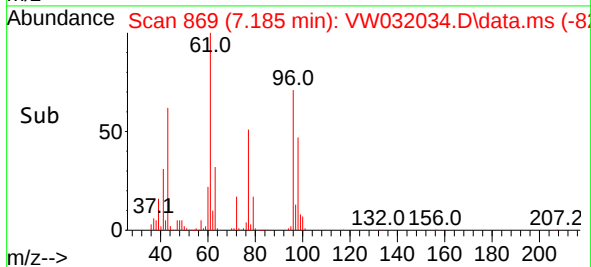
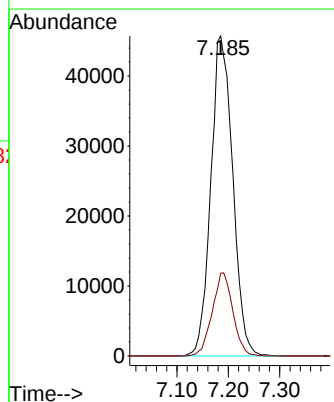
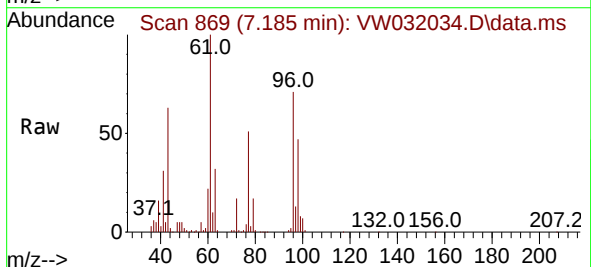
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

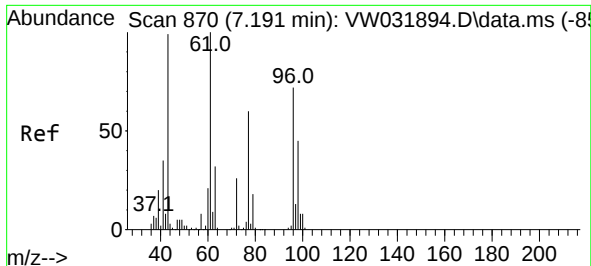
Tgt Ion: 43 Resp: 189884
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 24.084 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 77 Resp: 135253
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.1



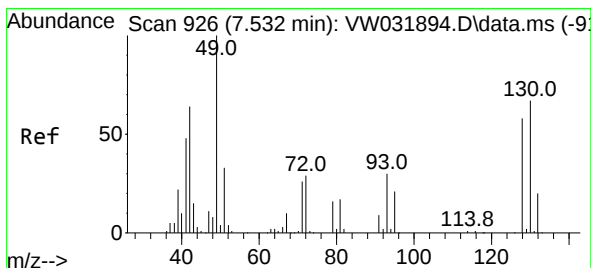
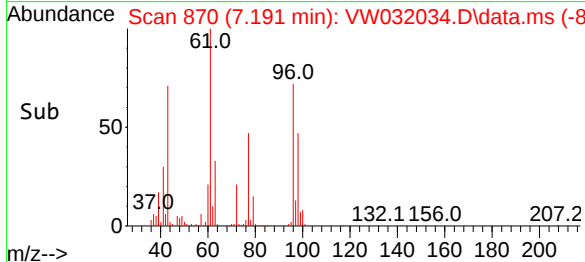
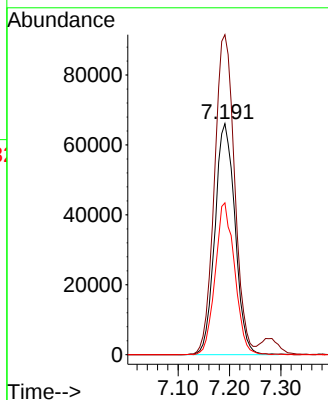
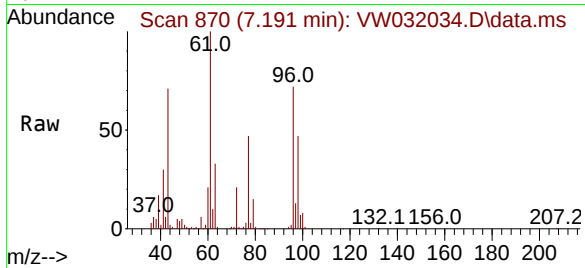


#27
 cis-1,2-Dichloroethene
 Concen: 28.115 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 179367

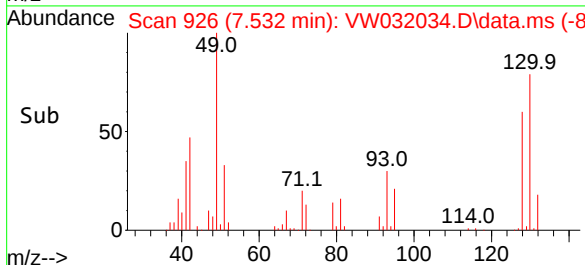
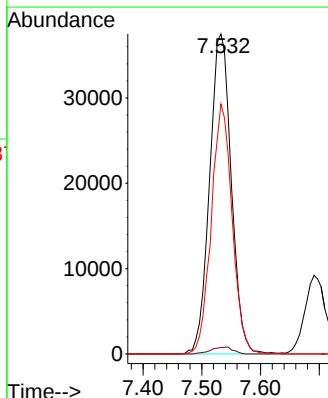
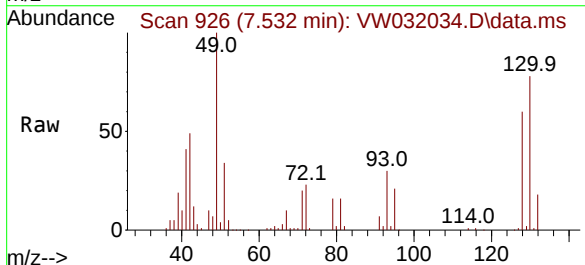
Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	280.2
98	63.6	0.0	126.8

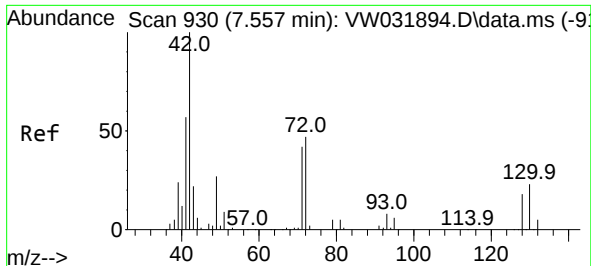


#28
 Bromochloromethane
 Concen: 23.129 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Tgt Ion: 49 Resp: 96061

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	75.3	59.0	88.4





#29

Tetrahydrofuran

Concen: 103.633 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

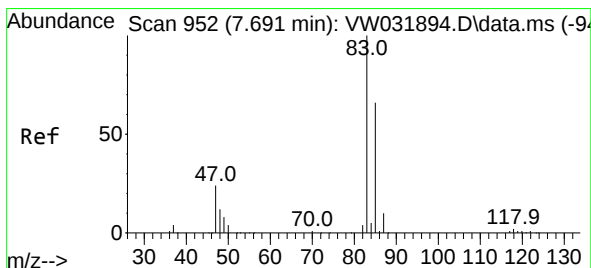
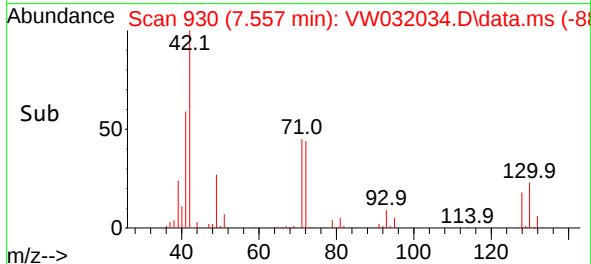
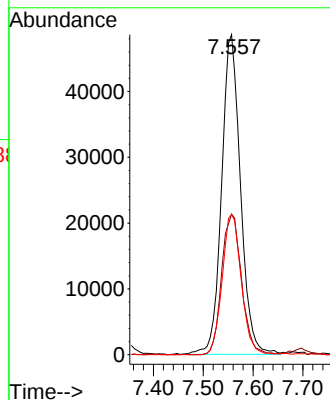
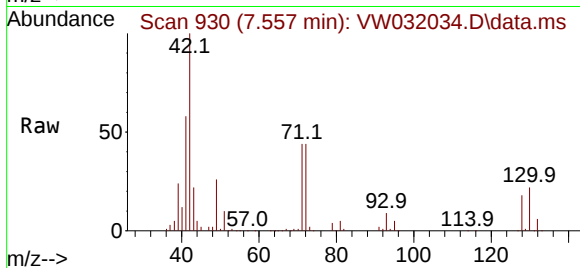
Tgt Ion: 42 Resp: 128004

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.6

71 44.2 34.5 51.7



#30

Chloroform

Concen: 28.143 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032034.D

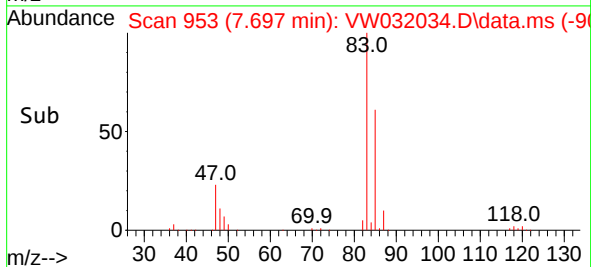
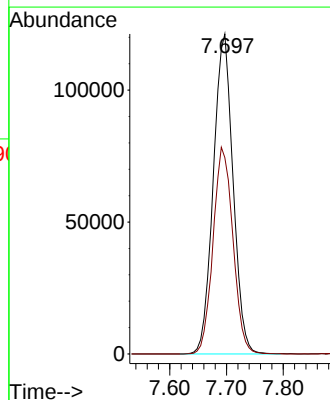
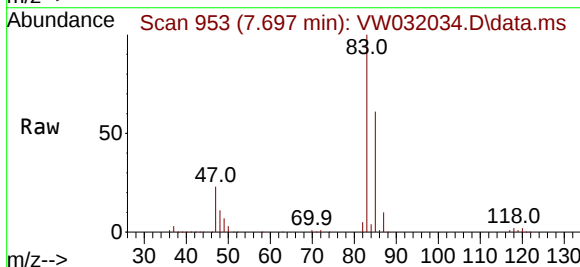
Acq: 06 Aug 2025 17:19

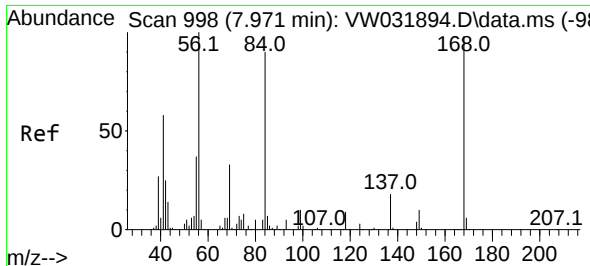
Tgt Ion: 83 Resp: 292708

Ion Ratio Lower Upper

83 100

85 61.3 52.6 78.8

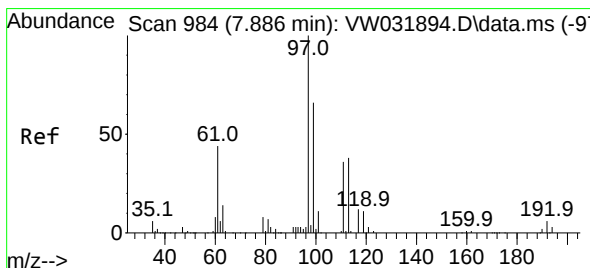
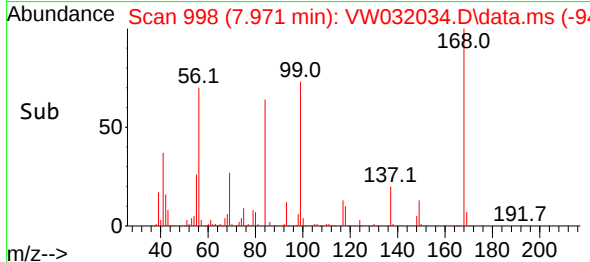
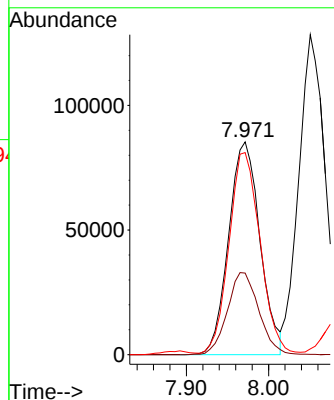
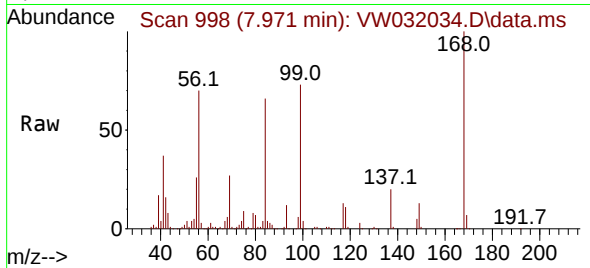




#31
Cyclohexane
Concen: 25.434 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

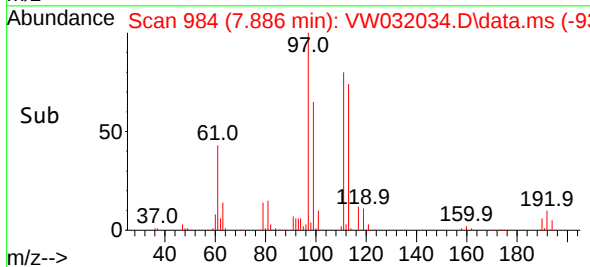
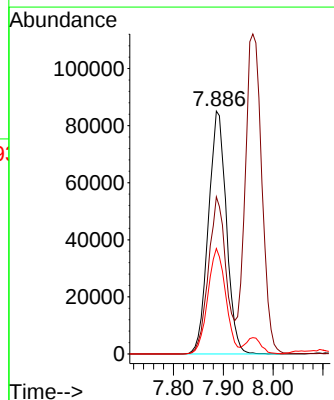
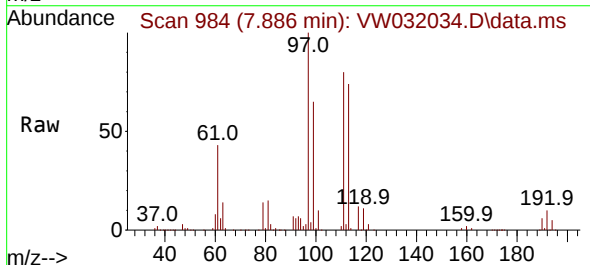
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

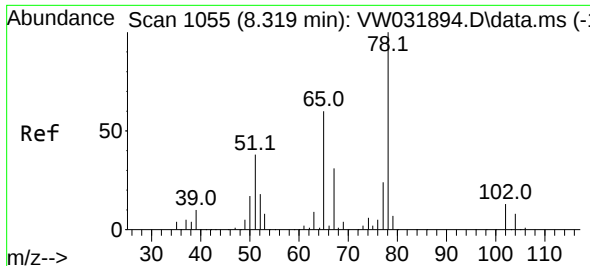
Tgt Ion: 56 Resp: 226341
Ion Ratio Lower Upper
56 100
69 38.3 26.7 40.1
84 93.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 26.911 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 97 Resp: 212985
Ion Ratio Lower Upper
97 100
99 63.3 53.0 79.4
61 43.6 35.4 53.0

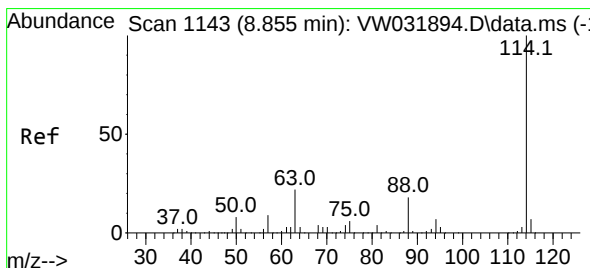
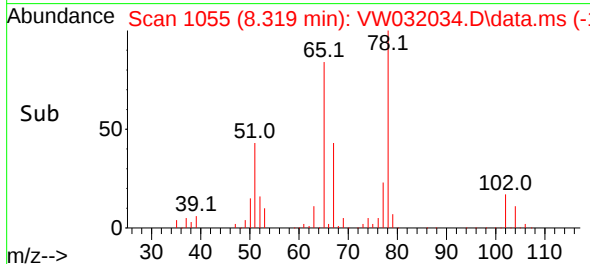
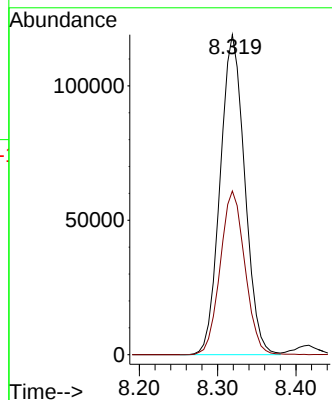
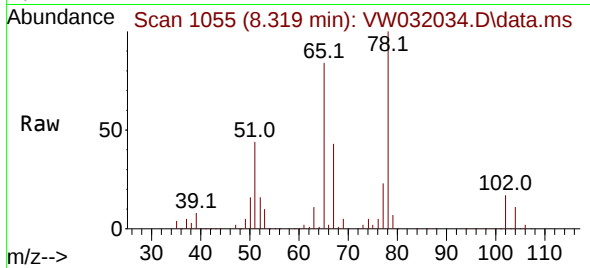




#33
 1,2-Dichloroethane-d4
 Concen: 44.704 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

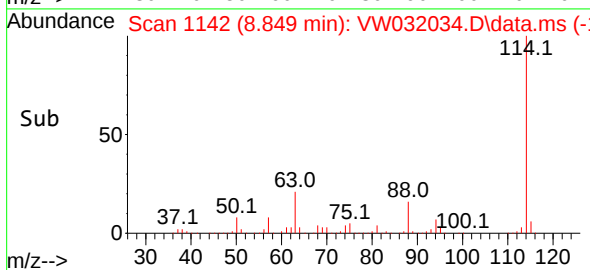
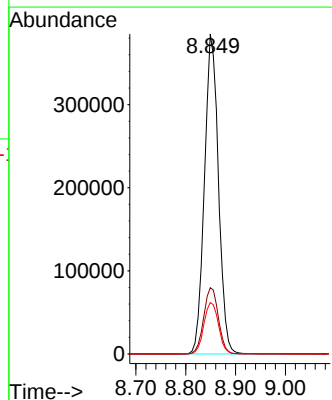
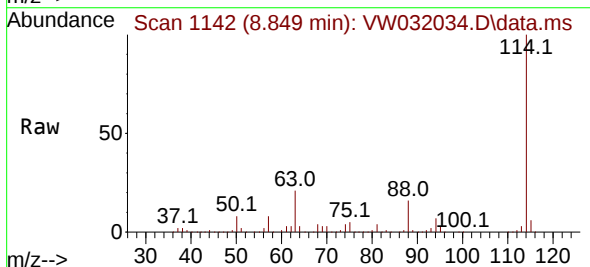
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

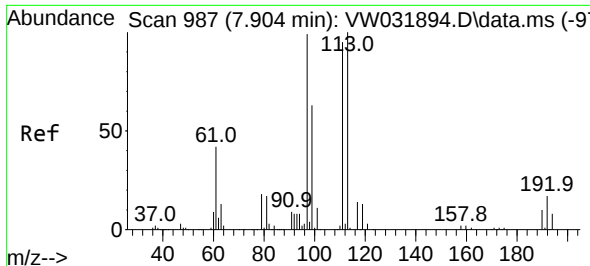
Tgt Ion: 65 Resp: 259401
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Tgt Ion: 114 Resp: 749096
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.2
 88 16.1 0.0 35.6

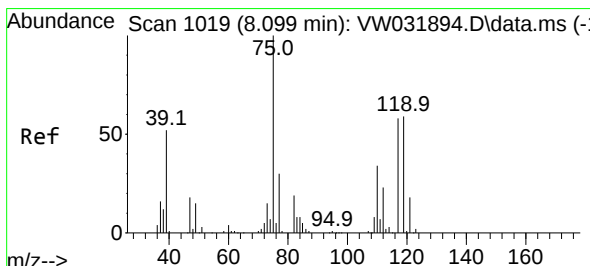
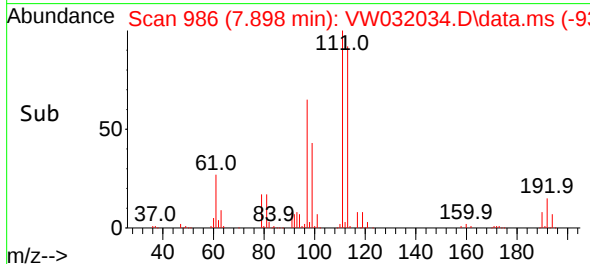
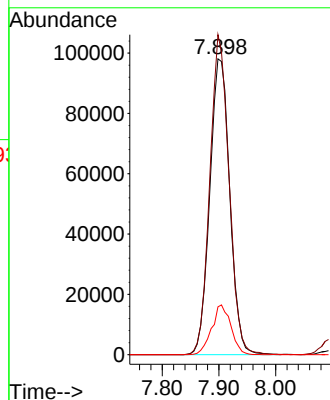
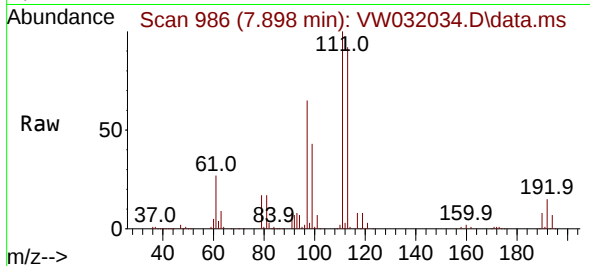




#35
 Dibromofluoromethane
 Concen: 47.242 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

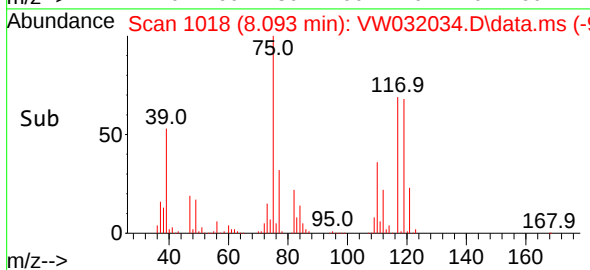
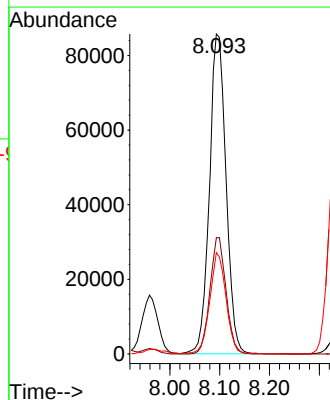
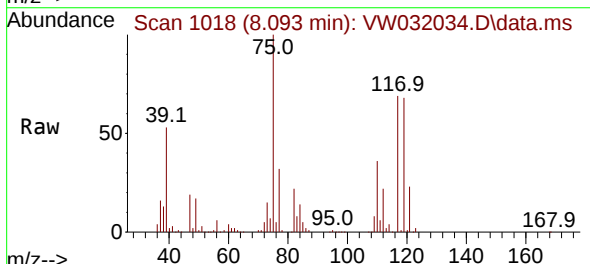
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

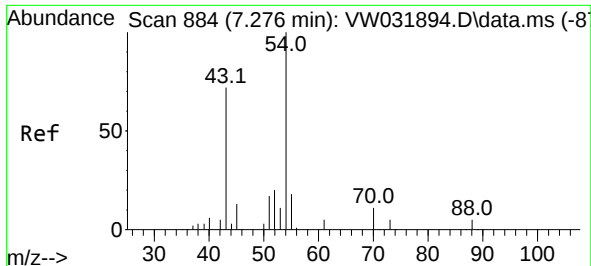
Tgt Ion:113 Resp: 240471
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.9 119.9
 192 16.2 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 25.360 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032034.D
 Acq: 06 Aug 2025 17:19

Tgt Ion: 75 Resp: 198242
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.0 50.9
 77 31.1 25.1 37.7

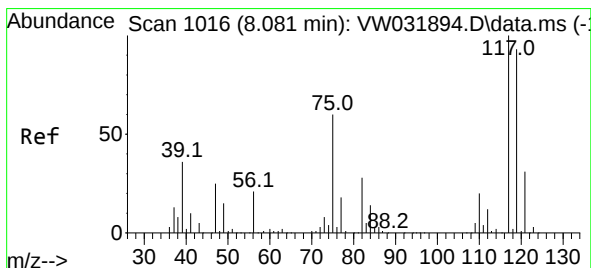
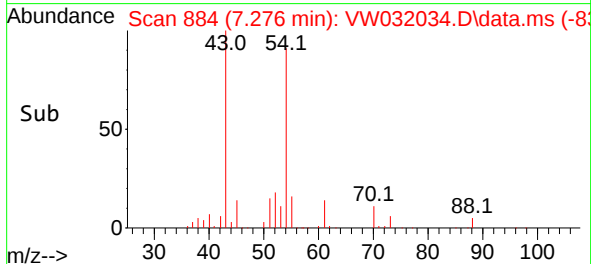
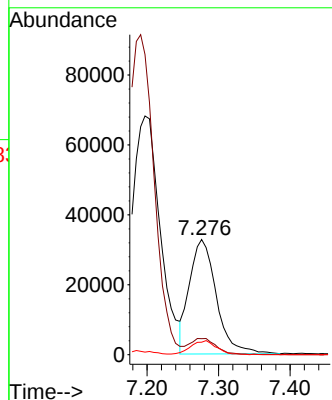
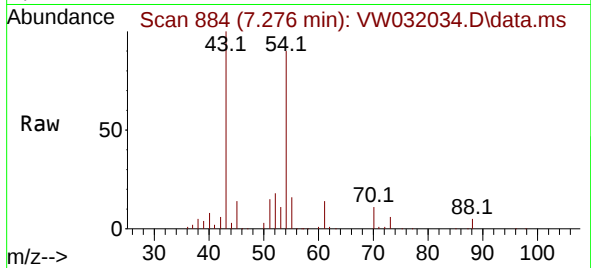




#37
Ethyl Acetate
Concen: 19.224 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

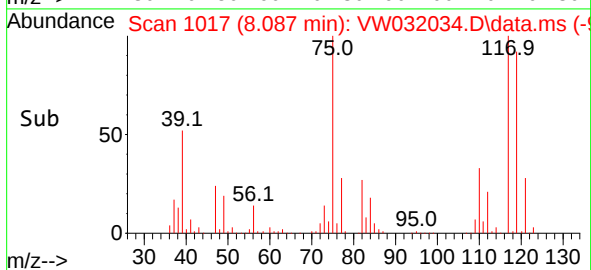
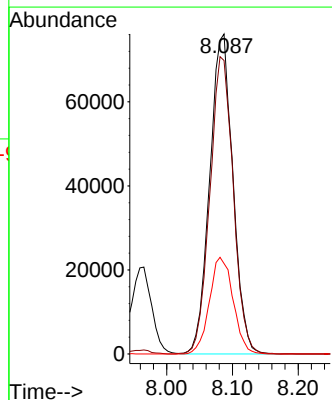
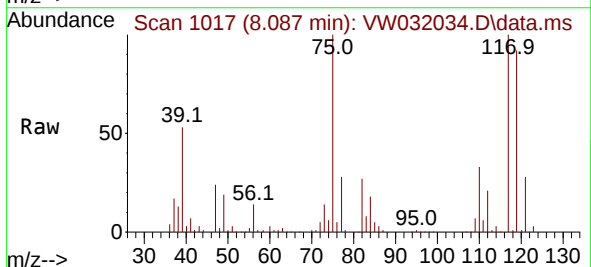
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

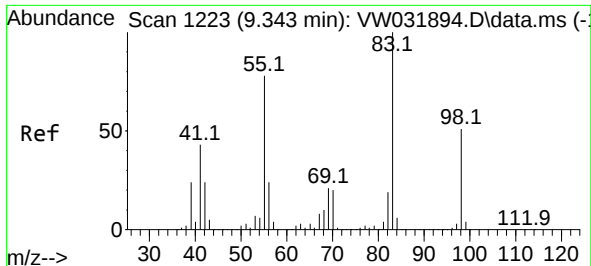
Tgt Ion: 43	Resp: 85727
Ion Ratio	Lower Upper
43 100	
61 13.3	10.6 15.8
70 11.8	9.0 13.4



#38
Carbon Tetrachloride
Concen: 24.918 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:117	Resp:	186937	
Ion	Ratio	Lower	Upper
117	100		
119	91.7	74.3	111.5
121	28.3	24.6	37.0

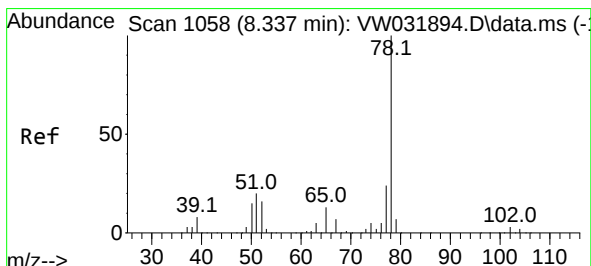
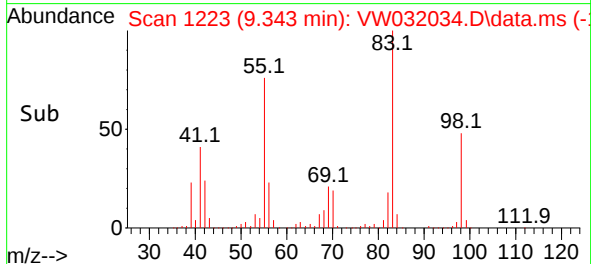
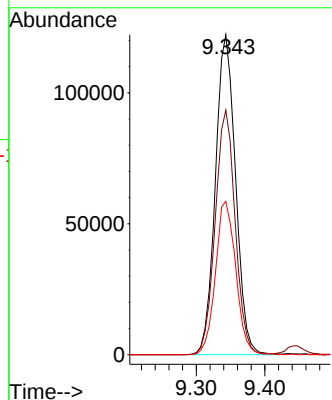
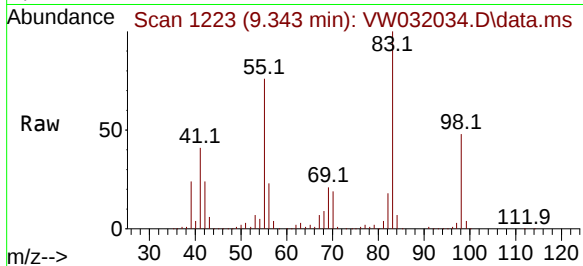




#39
Methylcyclohexane
Concen: 25.343 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

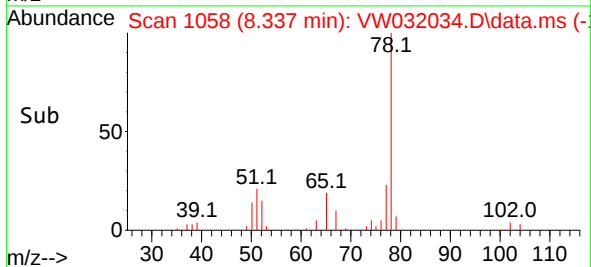
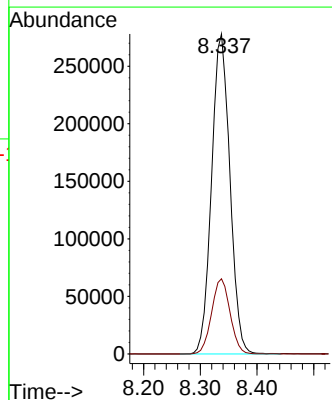
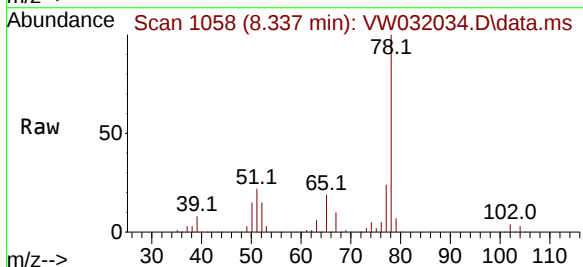
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

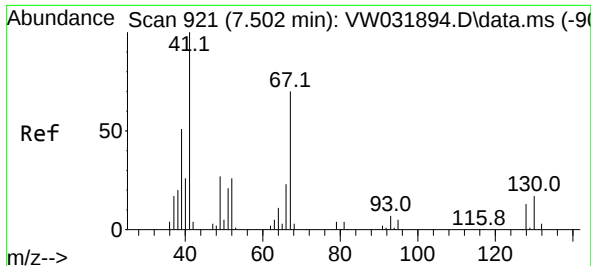
Tgt Ion: 83 Resp: 249311
Ion Ratio Lower Upper
83 100
55 76.4 62.5 93.7
98 47.9 40.6 61.0



#40
Benzene
Concen: 26.941 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 78 Resp: 623429
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

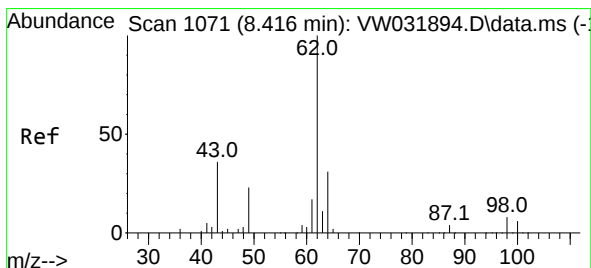
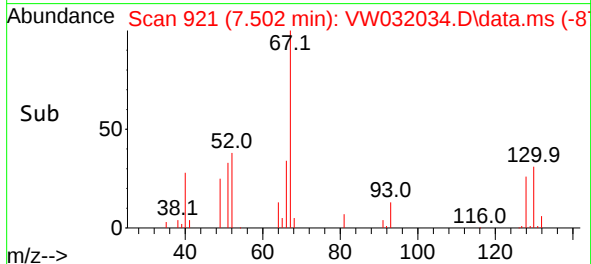
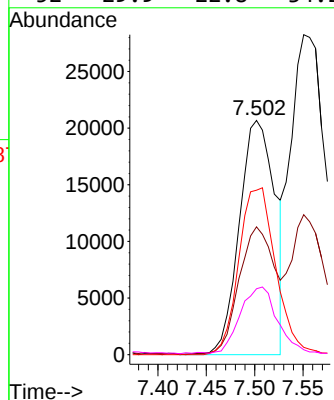
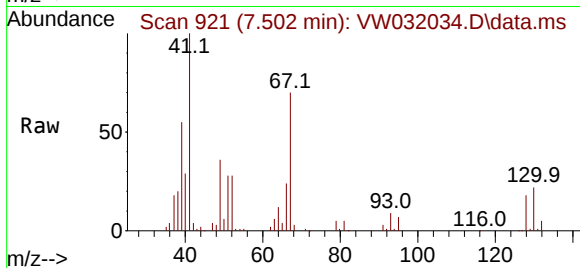




#41
Methacrylonitrile
Concen: 19.917 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

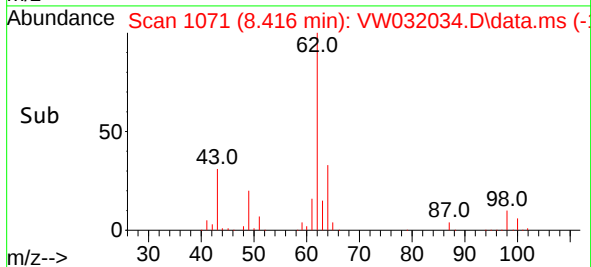
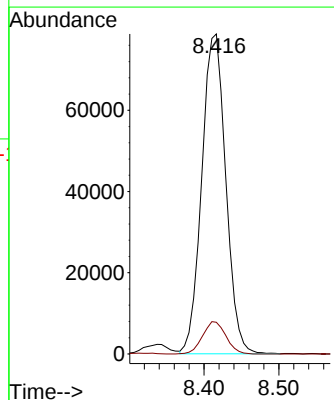
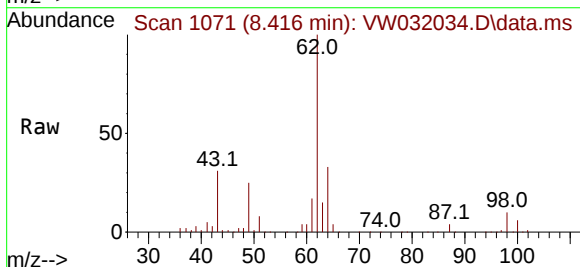
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

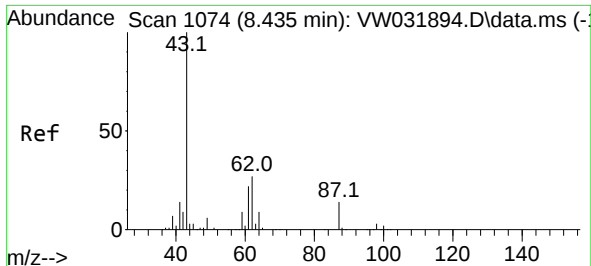
Tgt Ion: 41	Resp: 53166
Ion Ratio	Lower Upper
41 100	
39 54.4	41.1 61.7
67 73.6	56.2 84.4
52 29.9	22.8 34.2



#42
1,2-Dichloroethane
Concen: 23.778 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 62	Resp: 176097
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.2

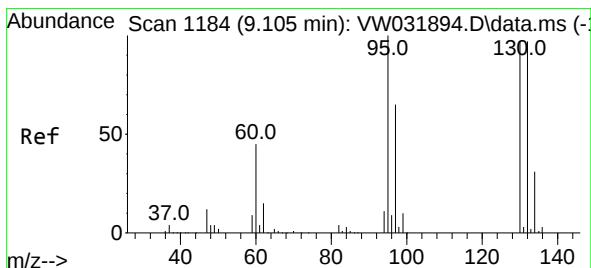
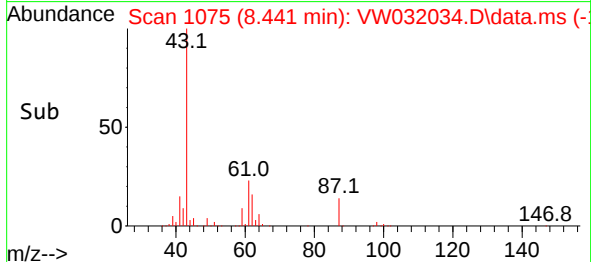
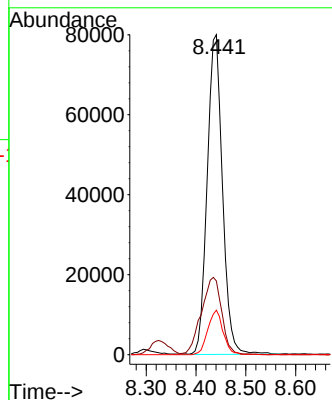
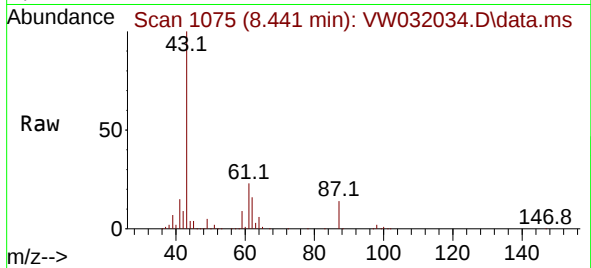




#43
Isopropyl Acetate
Concen: 21.076 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

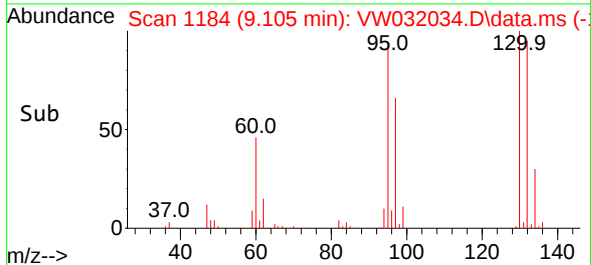
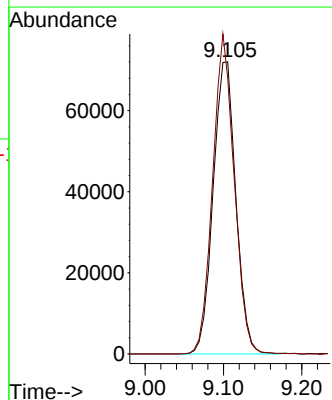
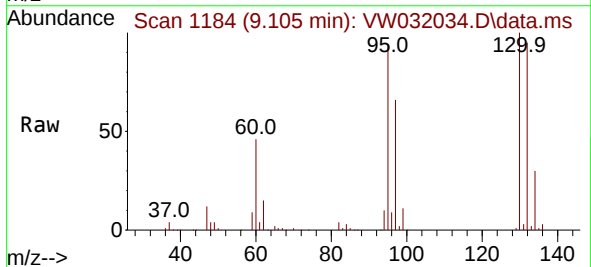
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

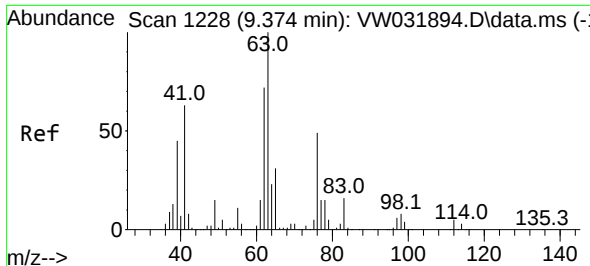
Tgt Ion: 43 Resp: 170142
Ion Ratio Lower Upper
43 100
61 32.2 24.0 36.0
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 26.445 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:130 Resp: 145458
Ion Ratio Lower Upper
130 100
95 94.4 0.0 206.4

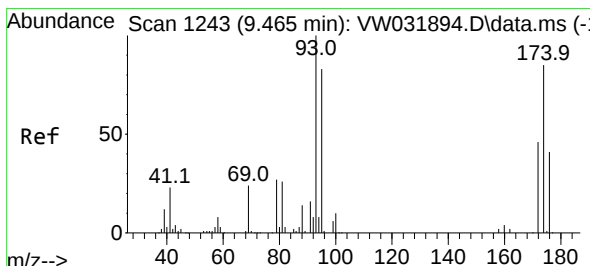
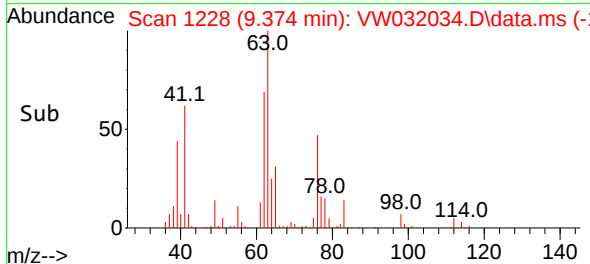
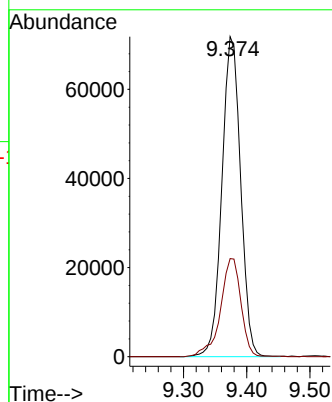
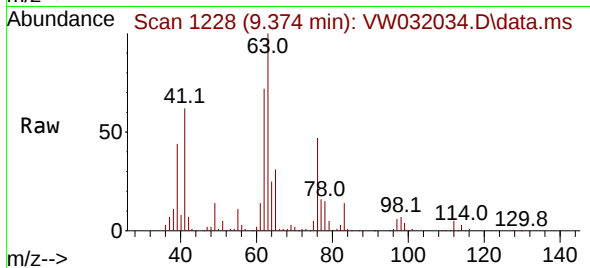




#45
1,2-Dichloropropane
Concen: 26.449 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

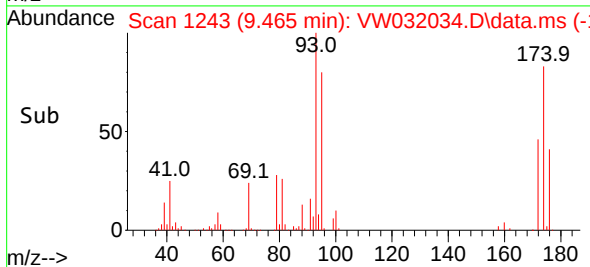
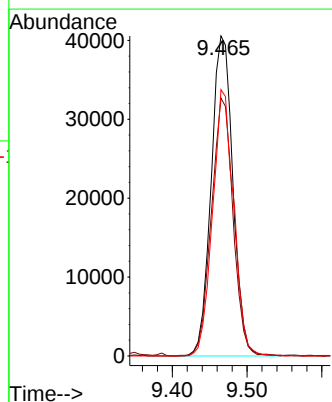
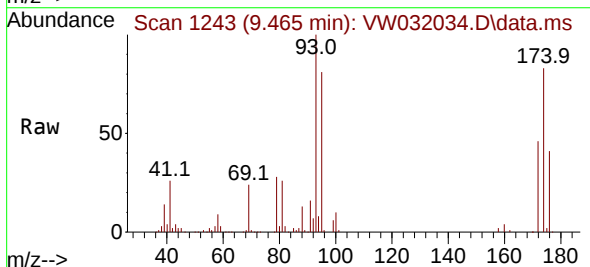
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

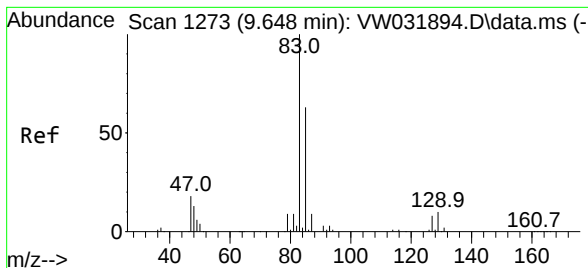
Tgt Ion: 63 Resp: 147401
Ion Ratio Lower Upper
63 100
65 30.6 25.0 37.4



#46
Dibromomethane
Concen: 23.773 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 93 Resp: 82128
Ion Ratio Lower Upper
93 100
95 80.4 65.8 98.6
174 81.0 70.2 105.2





#47

Bromodichloromethane

Concen: 25.942 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

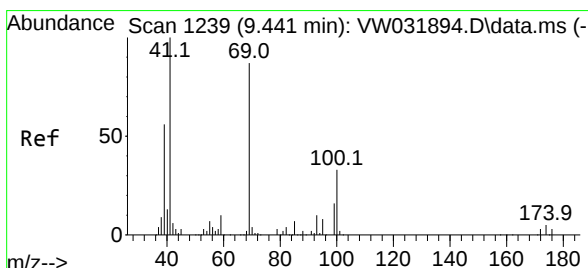
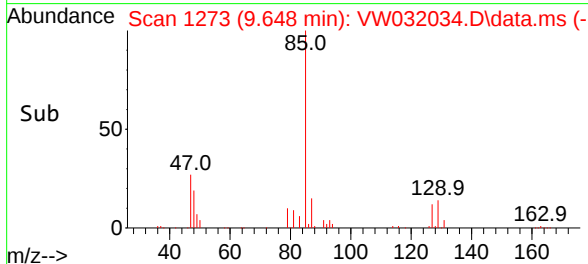
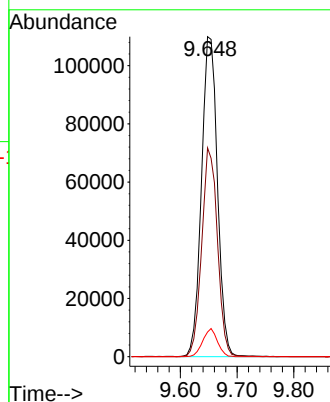
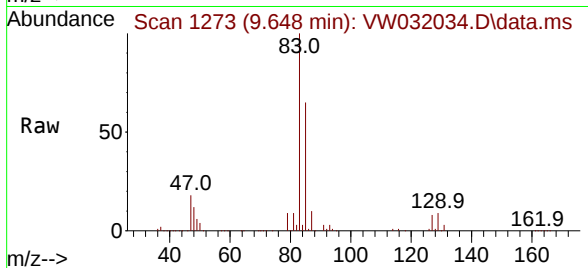
Tgt Ion: 83 Resp: 214902

Ion Ratio Lower Upper

83 100

85 65.2 50.6 76.0

127 7.7 6.5 9.7



#48

Methyl methacrylate

Concen: 21.691 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

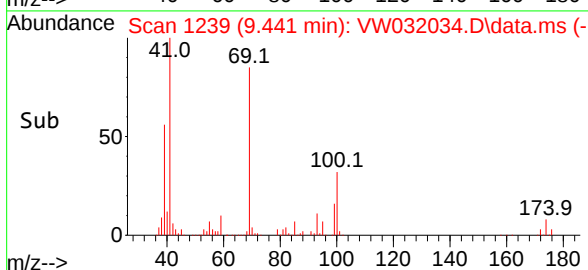
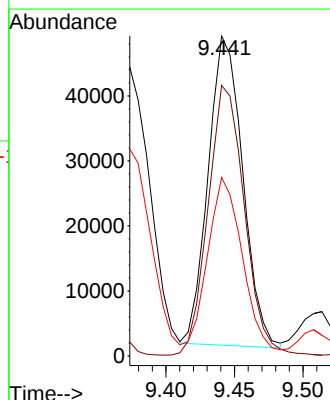
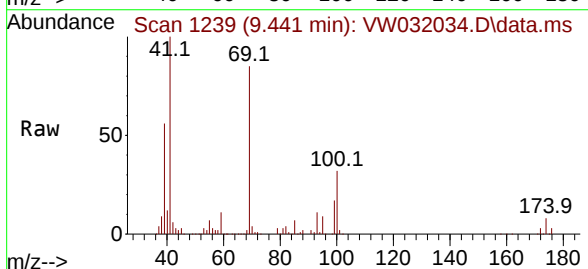
Tgt Ion: 41 Resp: 83309

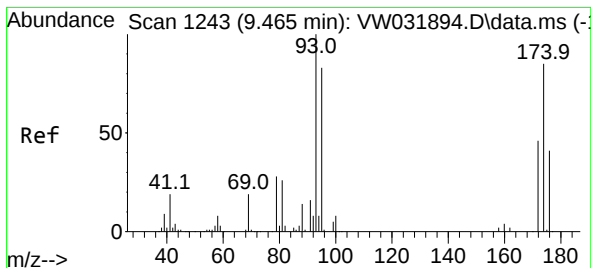
Ion Ratio Lower Upper

41 100

69 92.3 73.6 110.4

39 54.7 45.5 68.3





#49

1,4-Dioxane

Concen: 467.722 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

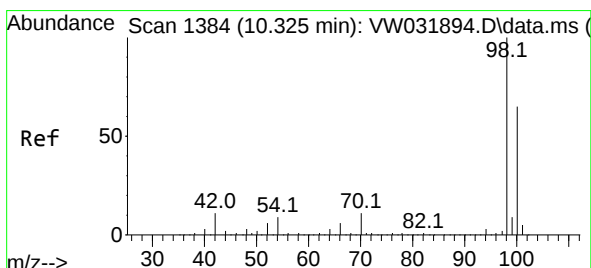
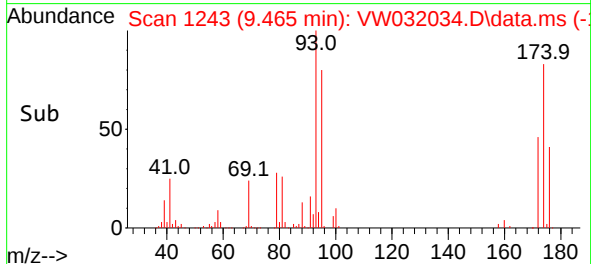
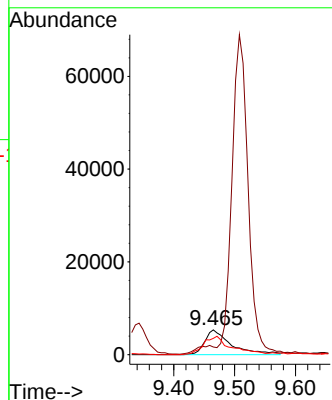
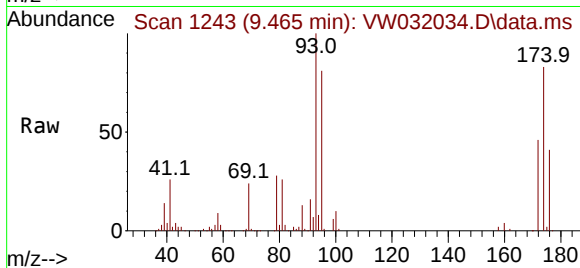
Tgt Ion: 88 Resp: 16123

Ion Ratio Lower Upper

88 100

43 25.9 19.0 28.4

58 77.7 58.2 87.2



#50

Toluene-d8

Concen: 47.087 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032034.D

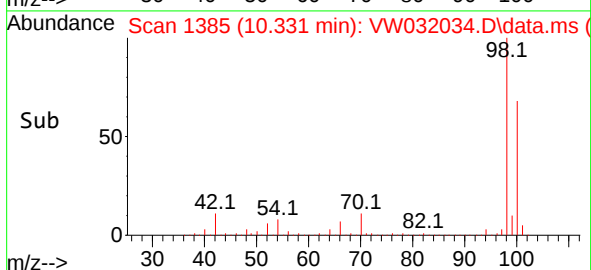
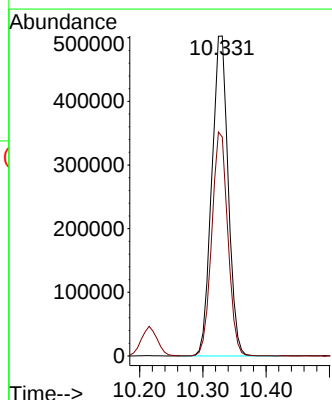
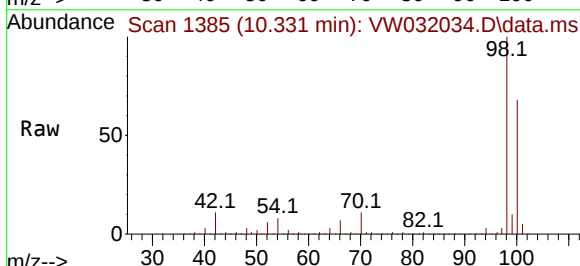
Acq: 06 Aug 2025 17:19

Tgt Ion: 98 Resp: 907129

Ion Ratio Lower Upper

98 100

100 68.3 51.7 77.5

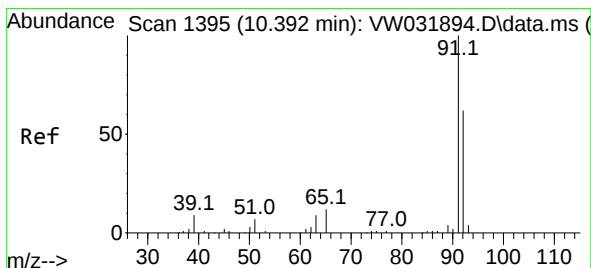
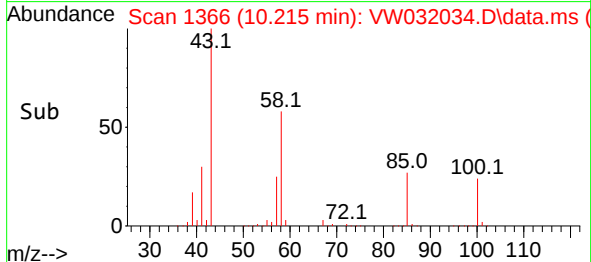
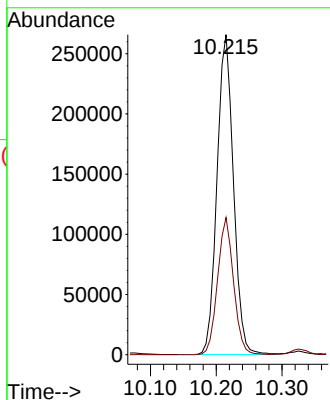
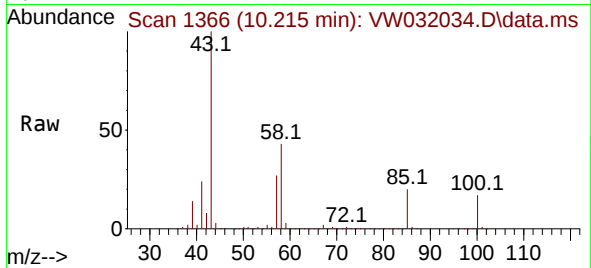




#51
4-Methyl-2-Pentanone
Concen: 104.590 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

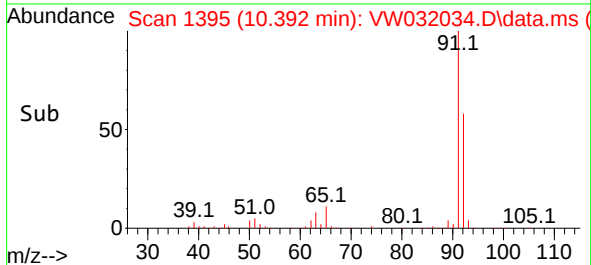
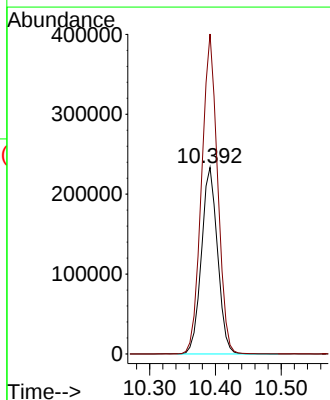
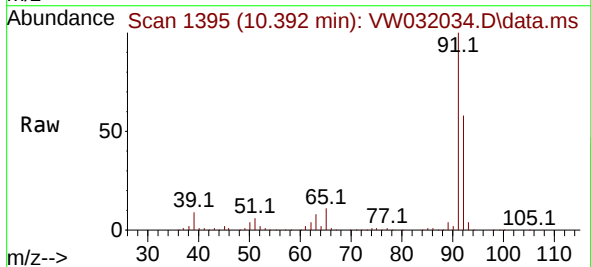
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

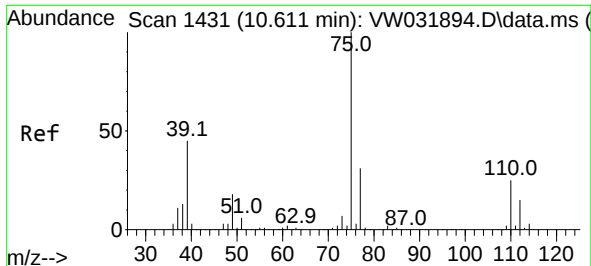
Tgt Ion: 43 Resp: 462087
Ion Ratio Lower Upper
43 100
58 41.7 32.8 49.2



#52
Toluene
Concen: 26.676 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 92 Resp: 396812
Ion Ratio Lower Upper
92 100
91 170.8 133.7 200.5

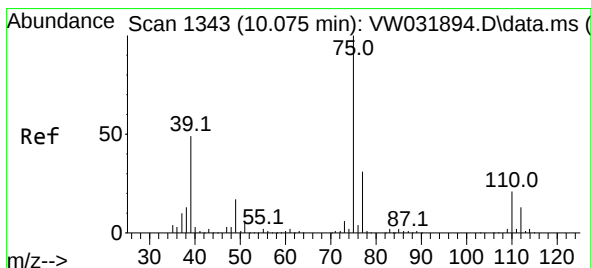
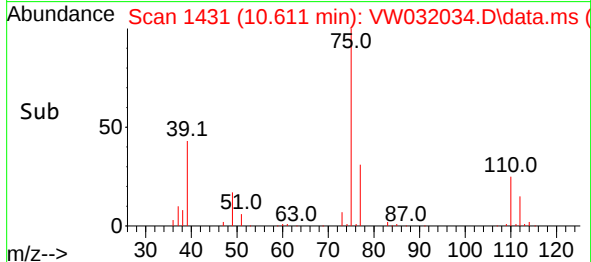
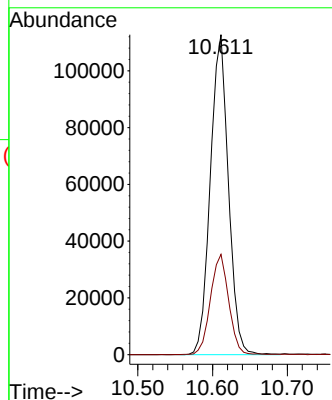
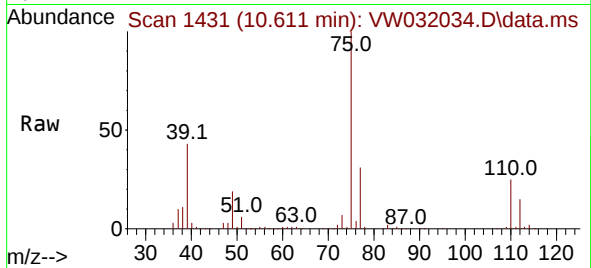




#53
t-1,3-Dichloropropene
Concen: 23.907 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

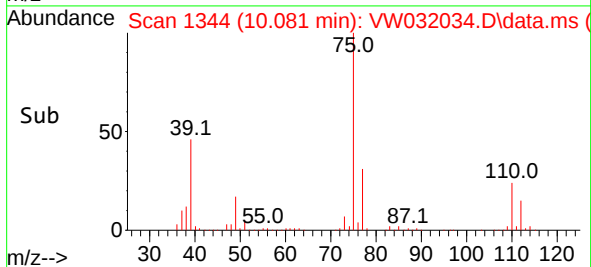
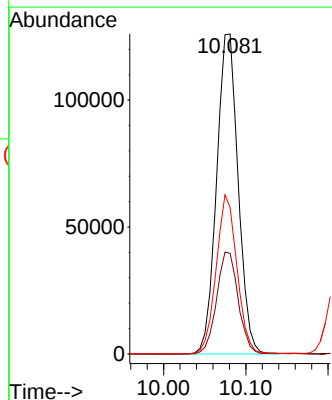
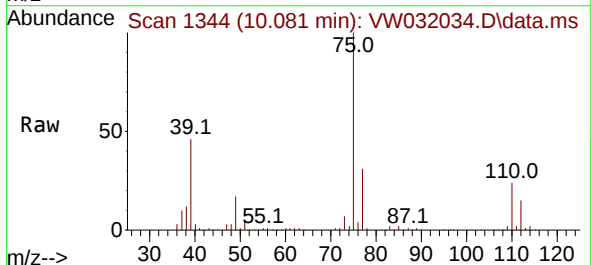
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

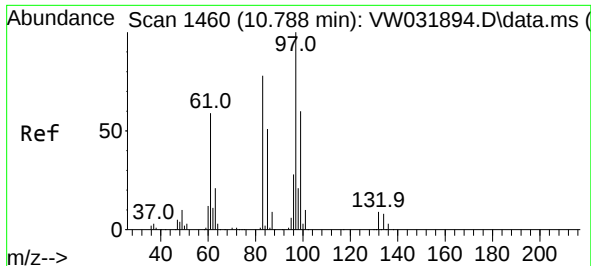
Tgt Ion: 75 Resp: 189972
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 25.293 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 75 Resp: 229527
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 45.7 39.3 58.9



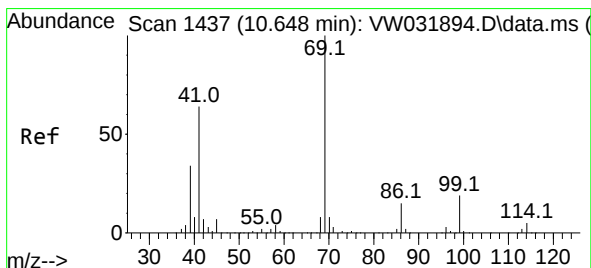
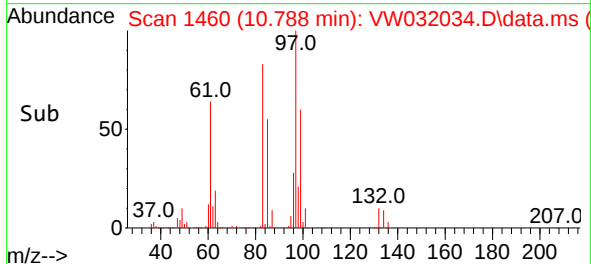
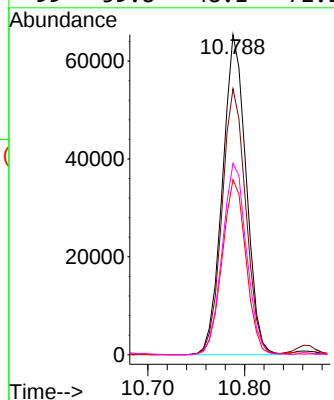
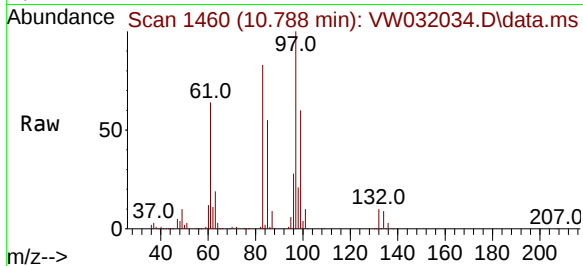


#55
1,1,2-Trichloroethane
Concen: 24.155 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 110843

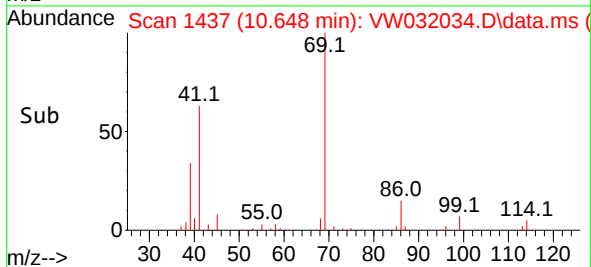
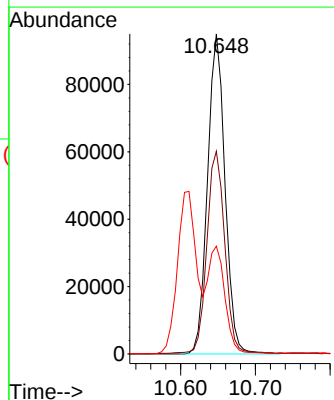
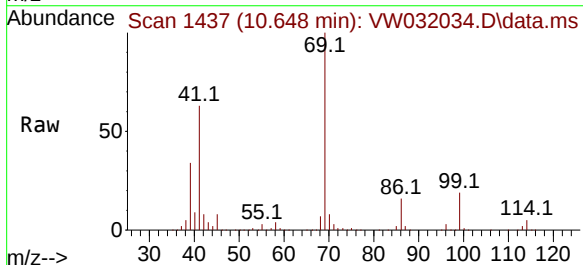
Ion	Ratio	Lower	Upper
97	100		
83	83.1	62.4	93.6
85	54.7	41.0	61.6
99	59.8	48.1	72.1

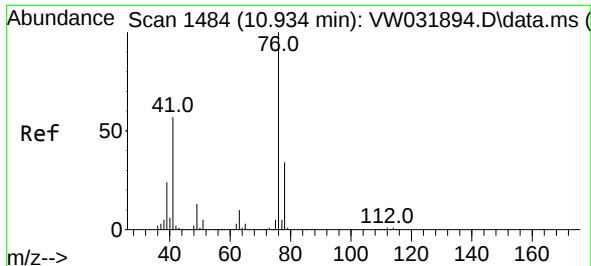


#56
Ethyl methacrylate
Concen: 23.799 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 69 Resp: 154240

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.0	78.0
39	32.8	26.6	40.0





#57

1,3-Dichloropropane

Concen: 24.265 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

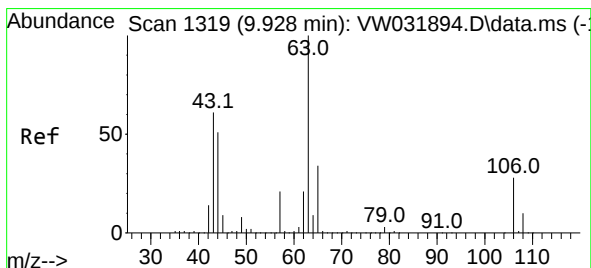
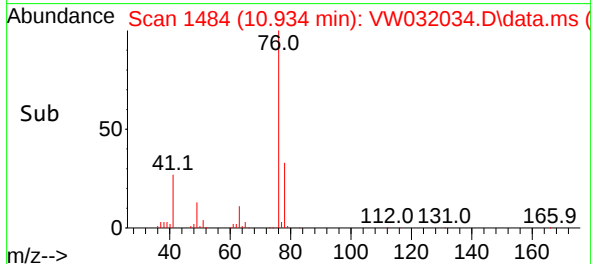
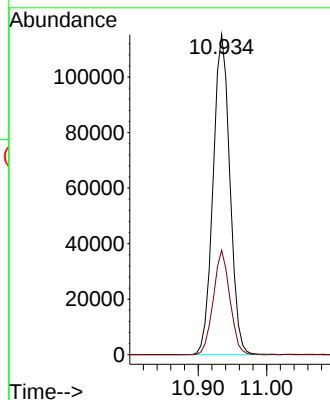
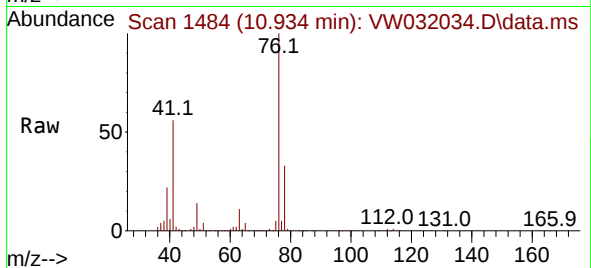
VSTDCCC050EC

Tgt Ion: 76 Resp: 196167

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 95.954 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032034.D

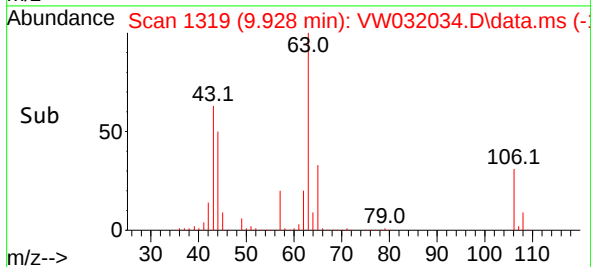
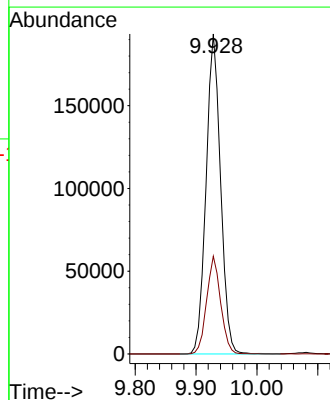
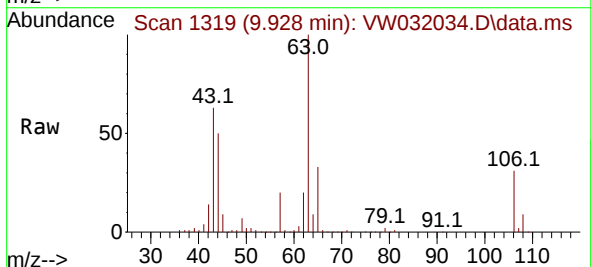
Acq: 06 Aug 2025 17:19

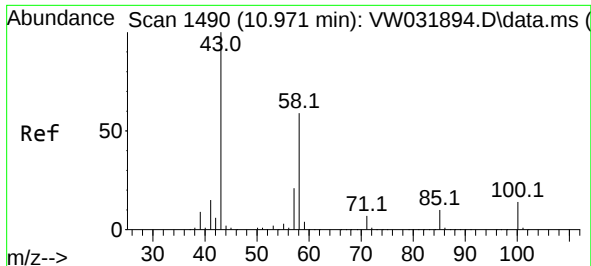
Tgt Ion: 63 Resp: 319423

Ion Ratio Lower Upper

63 100

106 29.6 22.7 34.1

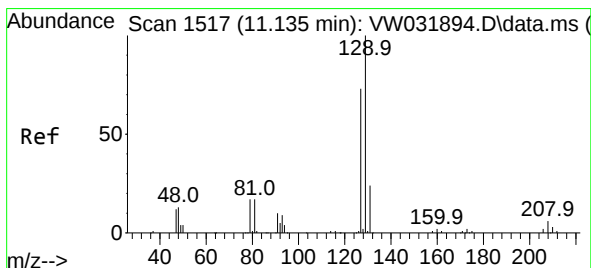
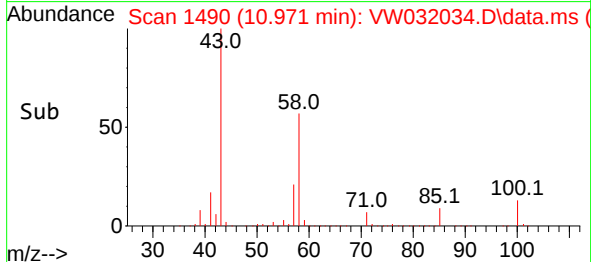
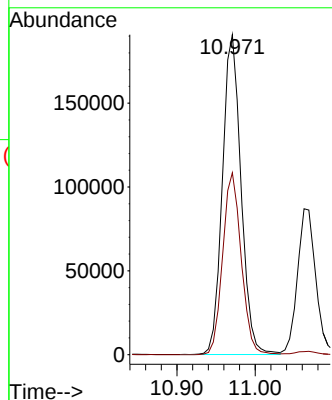
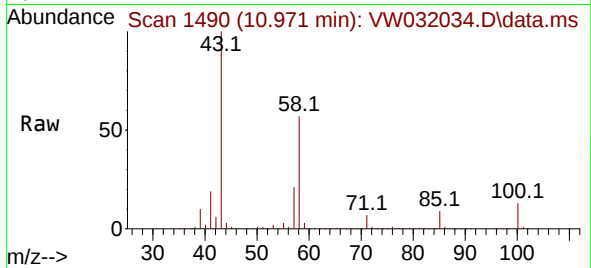




#59
2-Hexanone
Concen: 102.862 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

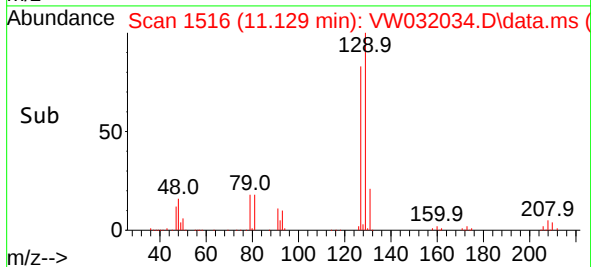
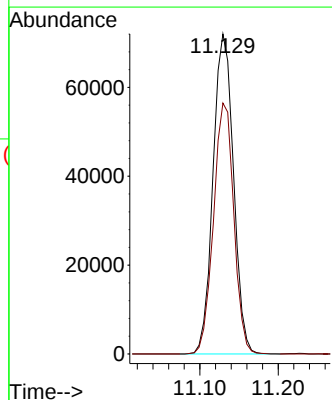
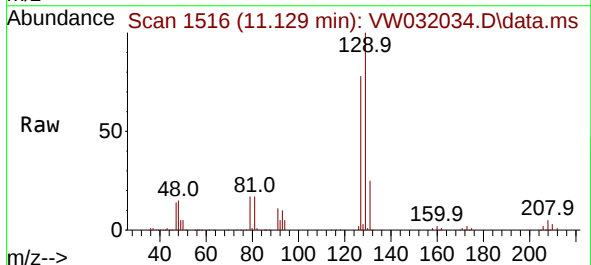
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

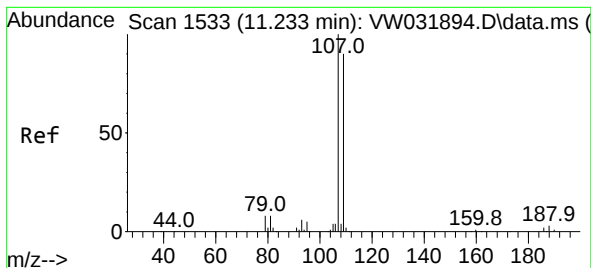
Tgt Ion: 43 Resp: 315887
Ion Ratio Lower Upper
43 100
58 56.6 28.5 85.6



#60
Dibromochloromethane
Concen: 24.386 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:129 Resp: 130473
Ion Ratio Lower Upper
129 100
127 77.9 39.6 118.8

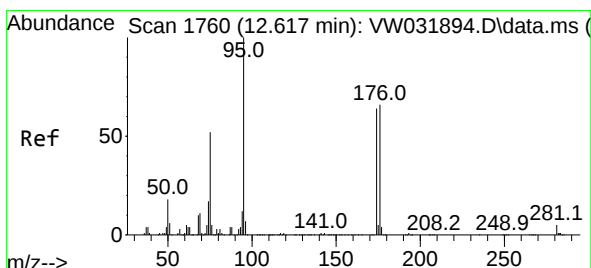
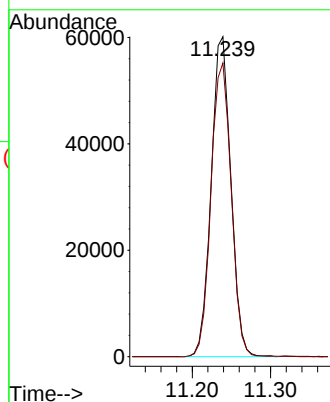
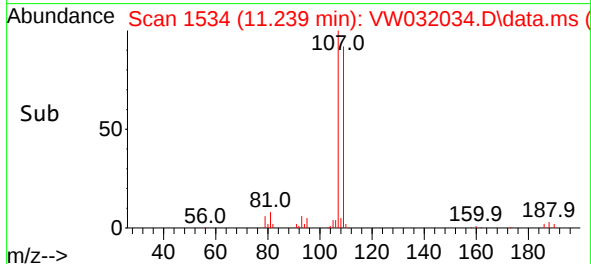
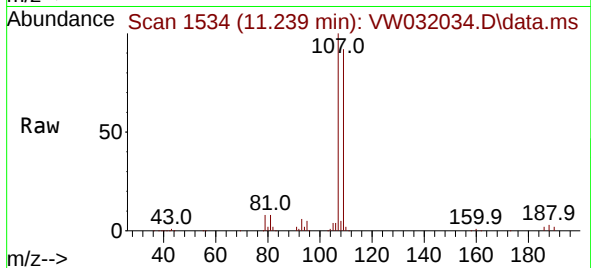




#61
1,2-Dibromoethane
Concen: 23.184 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

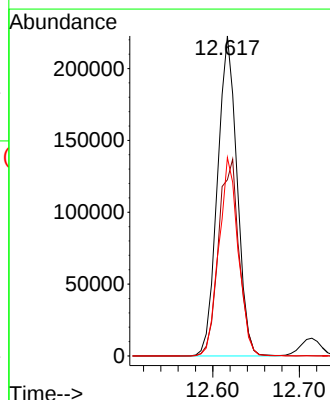
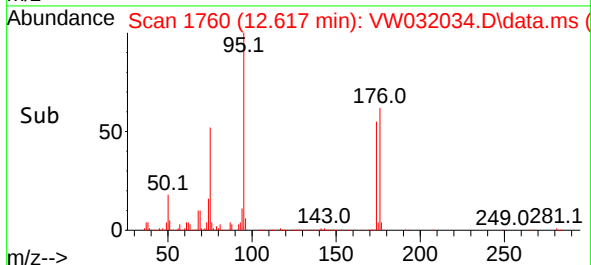
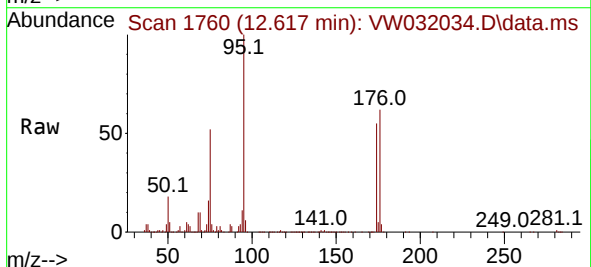
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

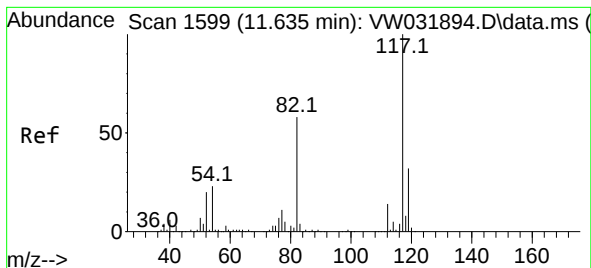
Tgt Ion:107 Resp: 105123
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.293 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 95 Resp: 349843
Ion Ratio Lower Upper
95 100
174 64.3 0.0 129.8
176 61.5 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

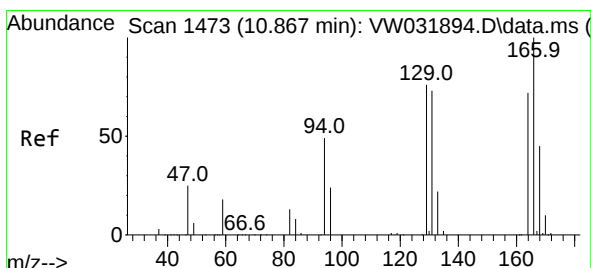
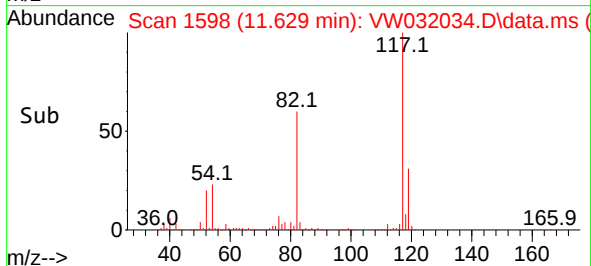
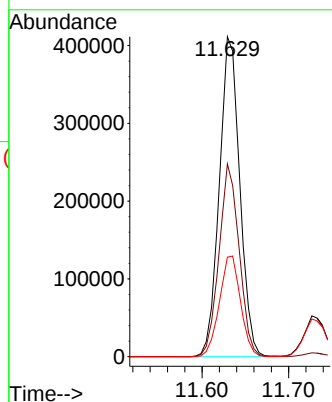
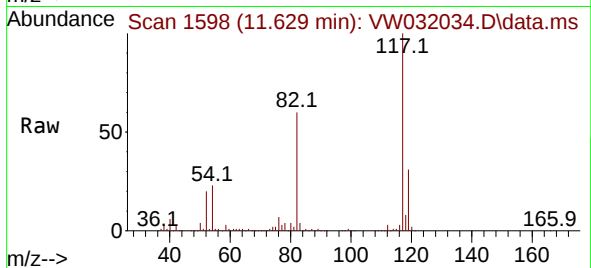
Tgt Ion:117 Resp: 674251

Ion Ratio Lower Upper

117 100

82 60.2 46.5 69.7

119 31.1 25.8 38.6



#64

Tetrachloroethene

Concen: 25.280 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Tgt Ion:164 Resp: 112380

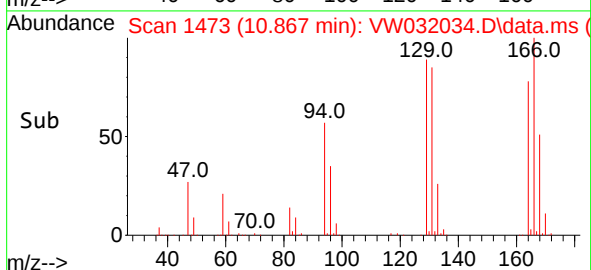
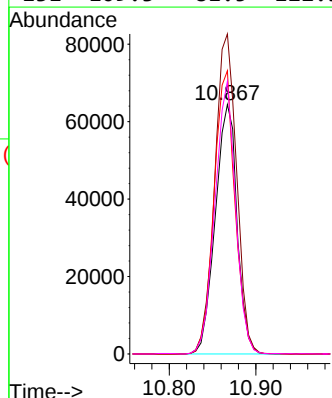
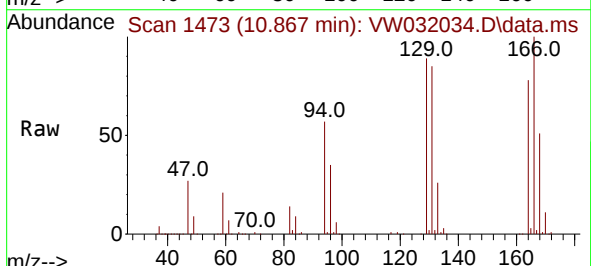
Ion Ratio Lower Upper

164 100

166 128.3 111.5 167.3

129 113.6 85.1 127.7

131 109.3 81.5 122.3

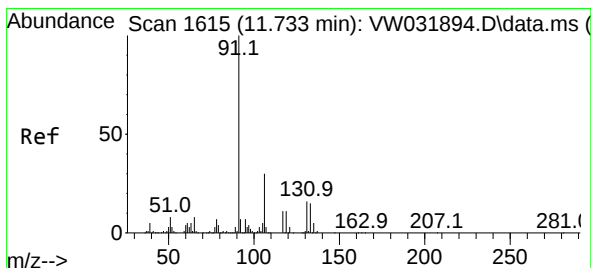
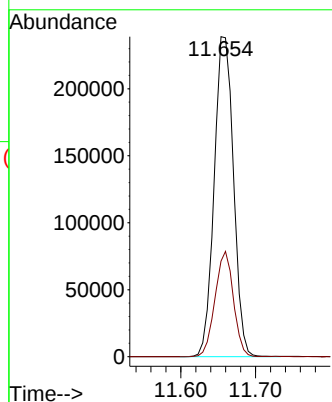
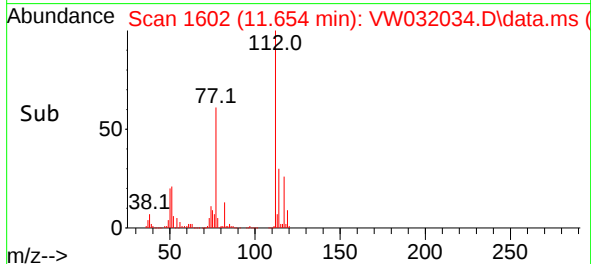
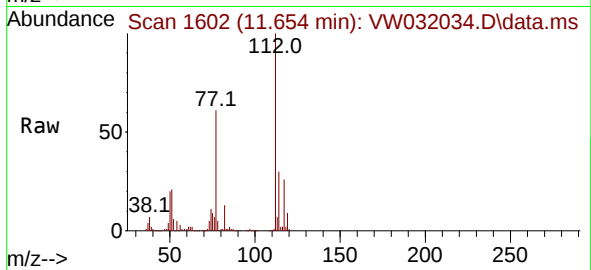




#65
Chlorobenzene
Concen: 25.958 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

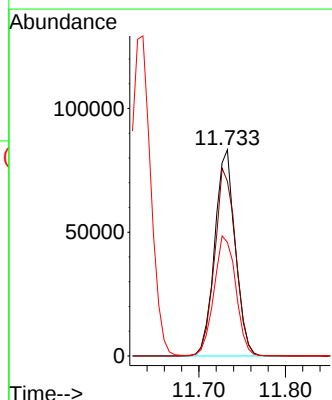
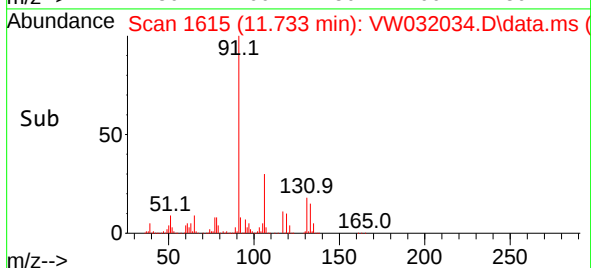
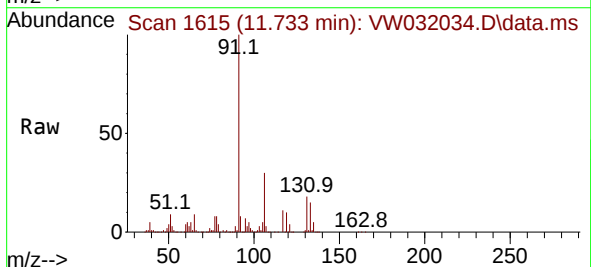
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

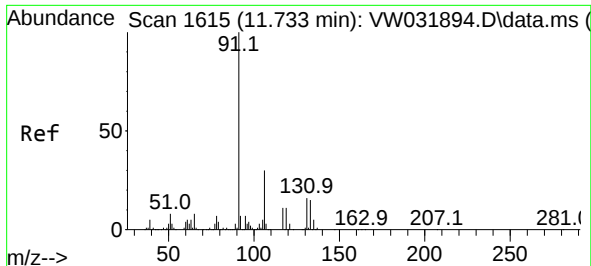
Tgt Ion:112 Resp: 428354
Ion Ratio Lower Upper
112 100
114 29.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 26.693 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:131 Resp: 136554
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.4
119 61.9 33.7 101.1





#67

Ethyl Benzene

Concen: 25.701 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

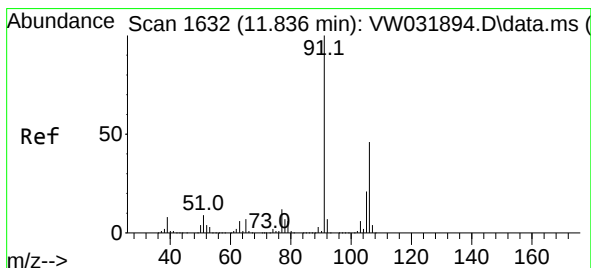
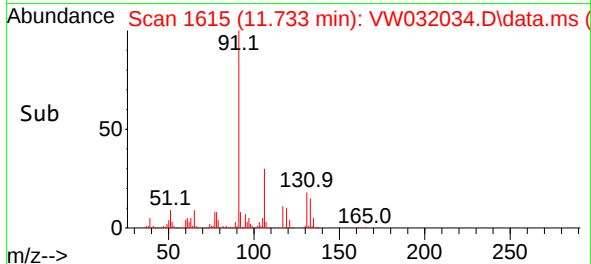
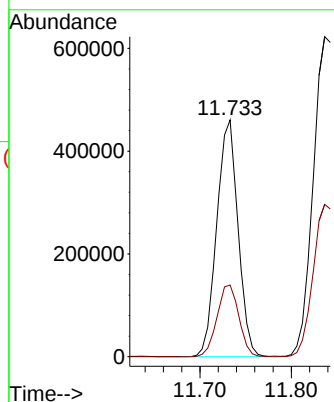
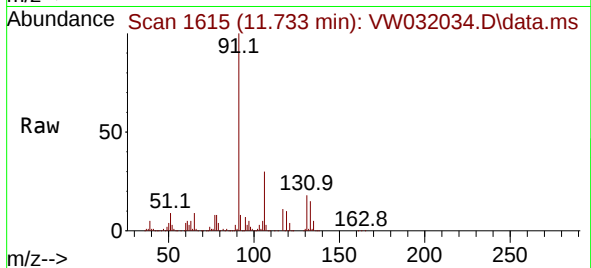
VSTDCCC050EC

Tgt Ion: 91 Resp: 745183

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 53.390 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032034.D

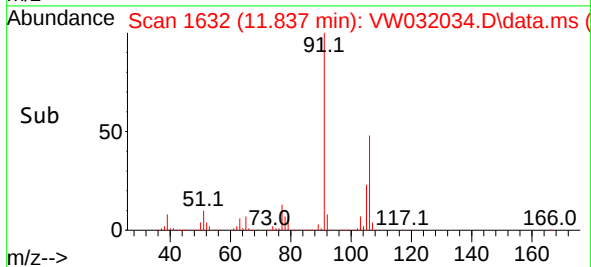
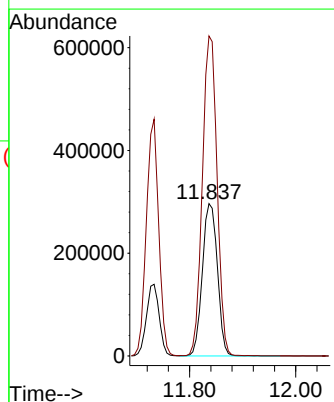
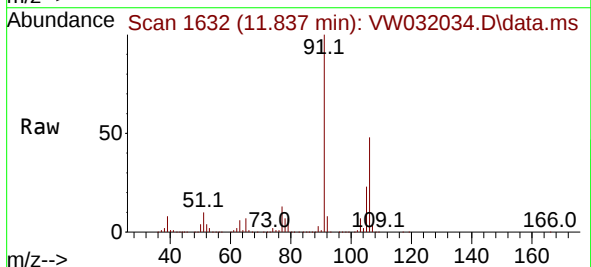
Acq: 06 Aug 2025 17:19

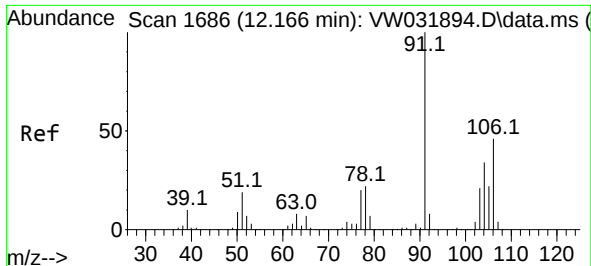
Tgt Ion:106 Resp: 582750

Ion Ratio Lower Upper

106 100

91 205.5 167.7 251.5

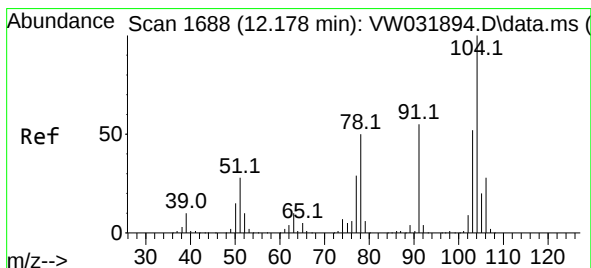
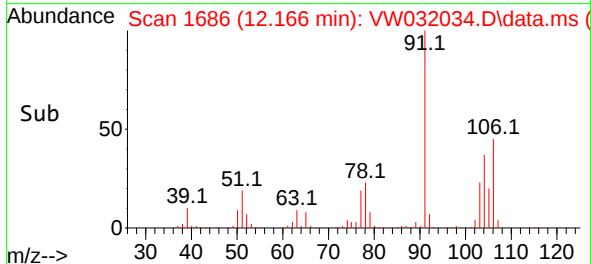
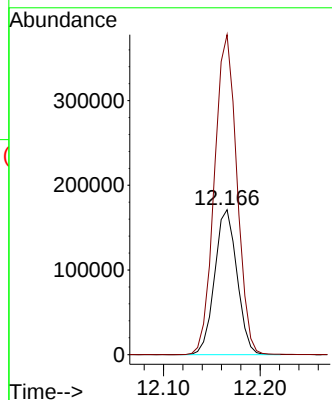
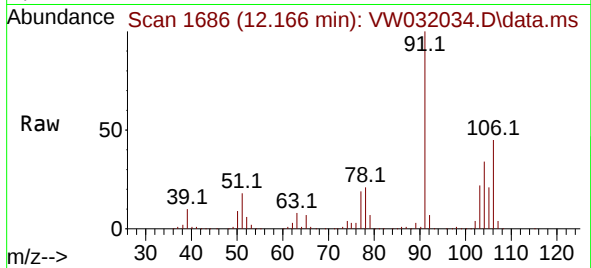




#69
o-Xylene
Concen: 26.602 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

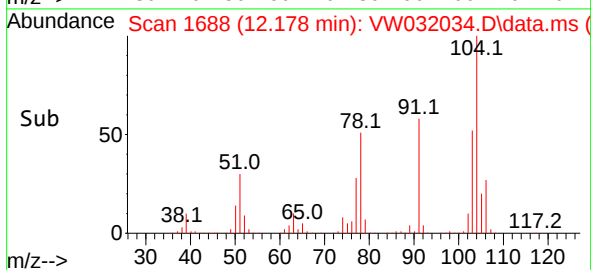
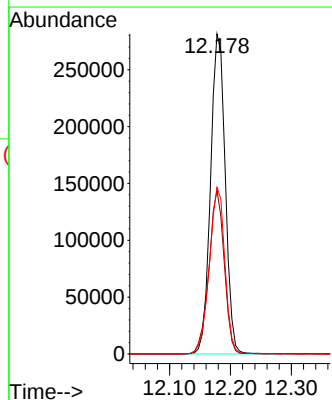
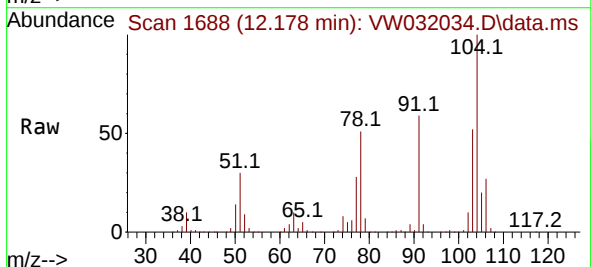
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

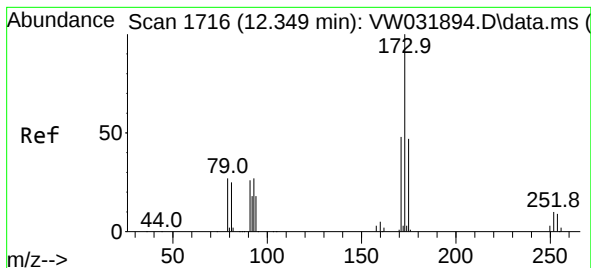
Tgt Ion:106 Resp: 274783
Ion Ratio Lower Upper
106 100
91 221.8 108.2 324.6



#70
Styrene
Concen: 26.830 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:104 Resp: 471859
Ion Ratio Lower Upper
104 100
78 53.1 42.2 63.4
103 55.0 42.8 64.2





#71

Bromoform

Concen: 22.673 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

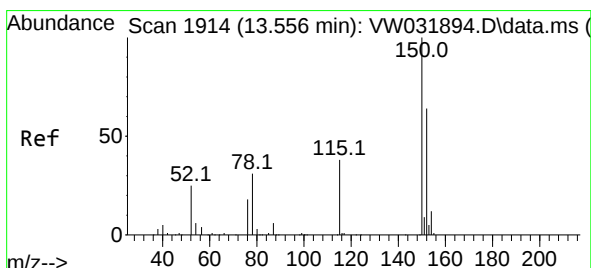
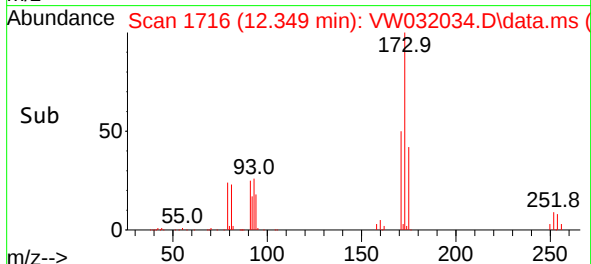
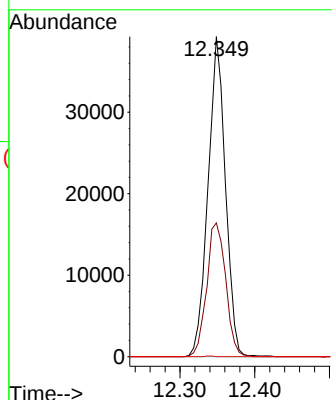
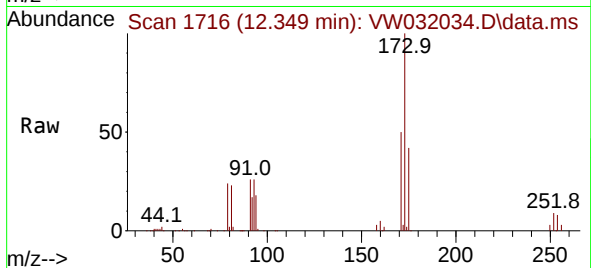
Tgt Ion:173 Resp: 63436

Ion Ratio Lower Upper

173 100

175 45.6 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: VW032034.D

Acq: 06 Aug 2025 17:19

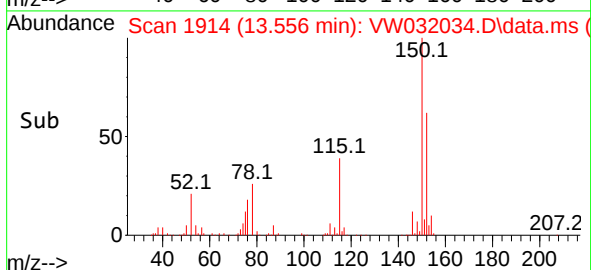
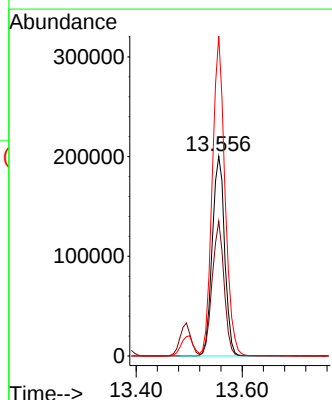
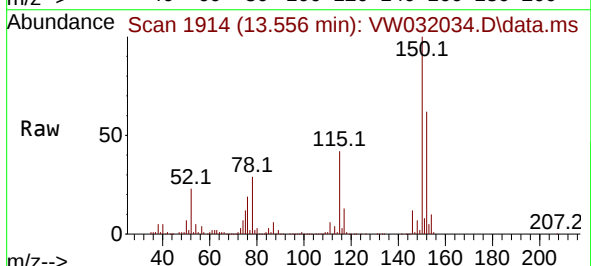
Tgt Ion:152 Resp: 325041

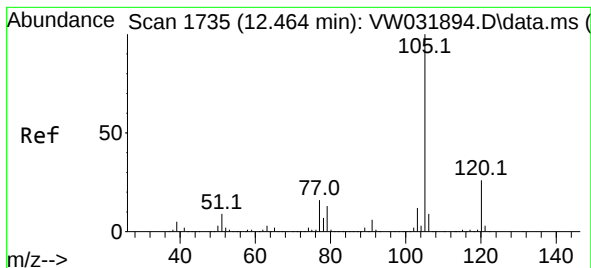
Ion Ratio Lower Upper

152 100

115 64.6 33.4 100.1

150 163.6 0.0 352.2





#73

Isopropylbenzene

Concen: 24.479 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

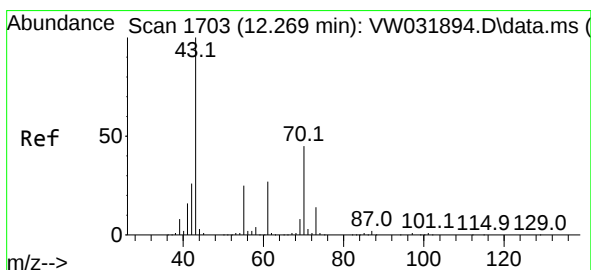
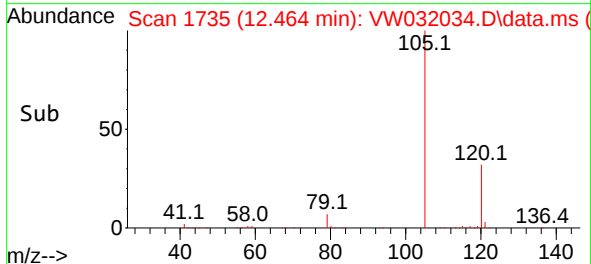
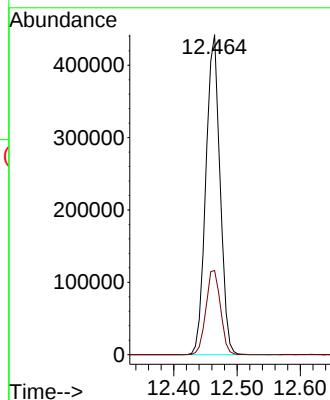
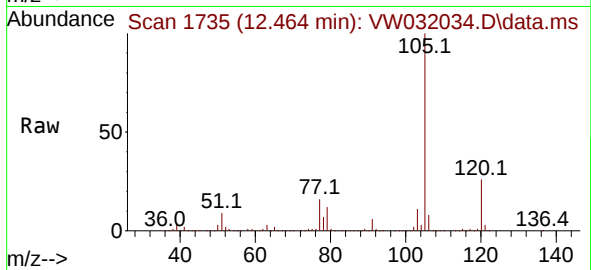
VSTDCCC050EC

Tgt Ion:105 Resp: 690379

Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.8



#74

N-ethyl acetate

Concen: 21.592 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Tgt Ion: 43 Resp: 164628

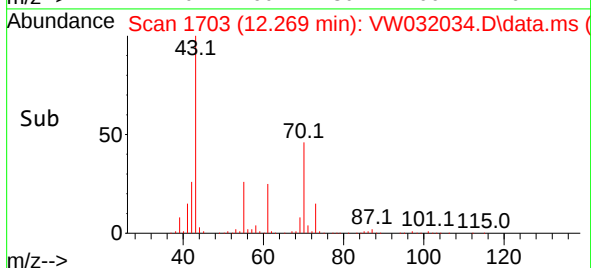
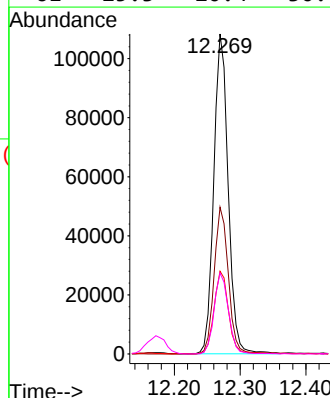
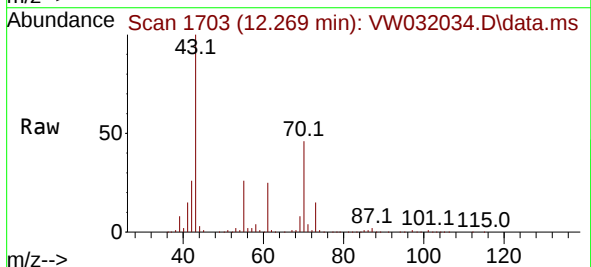
Ion Ratio Lower Upper

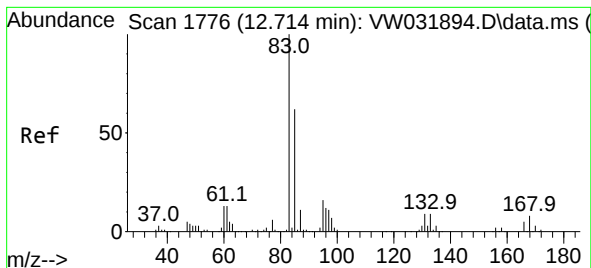
43 100

70 45.8 36.6 55.0

55 26.5 20.7 31.1

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.812 ug/l

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

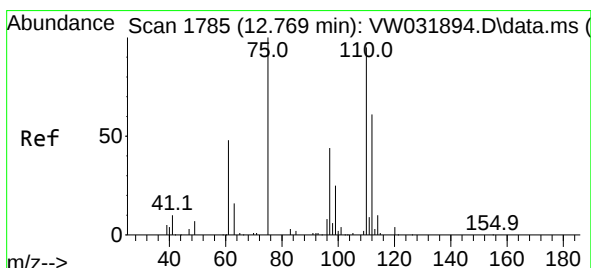
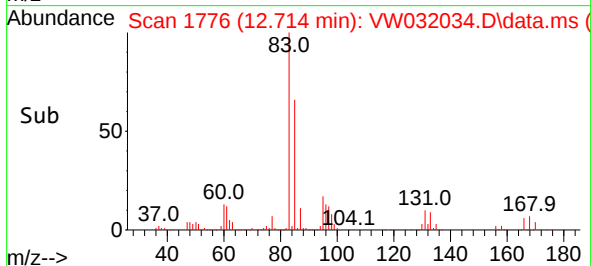
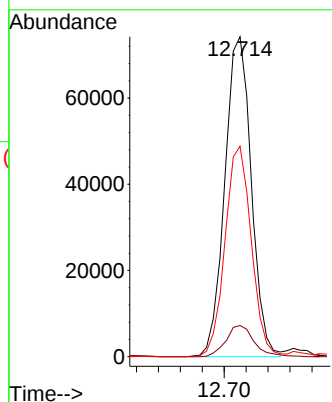
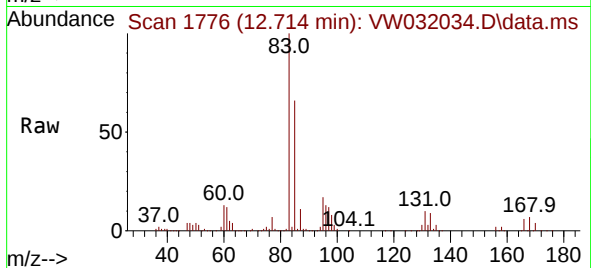
Tgt Ion: 83 Resp: 124588

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

85 65.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 35.167 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW032034.D

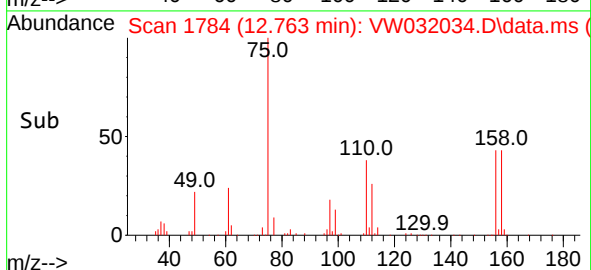
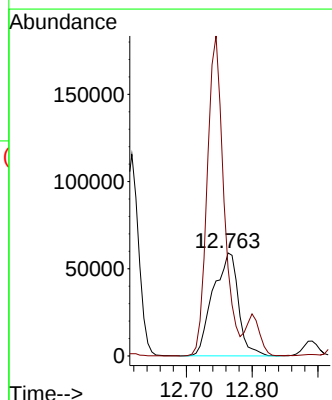
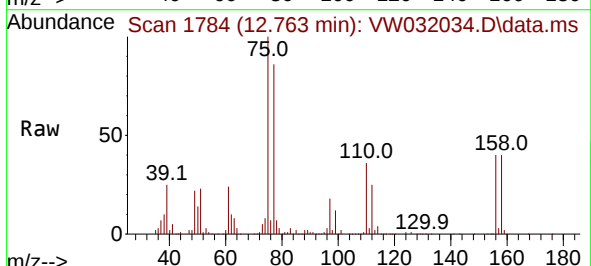
Acq: 06 Aug 2025 17:19

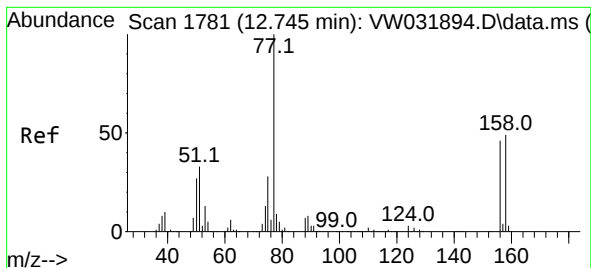
Tgt Ion: 75 Resp: 157816

Ion Ratio Lower Upper

75 100

77 206.2 0.0 0.0#





#77

Bromobenzene

Concen: 25.133 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

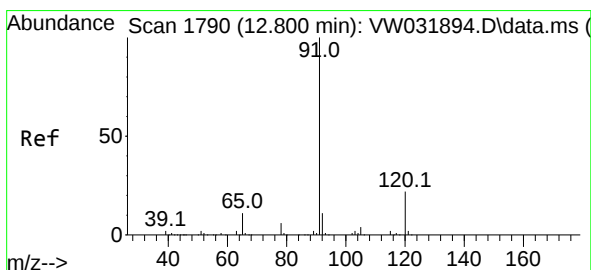
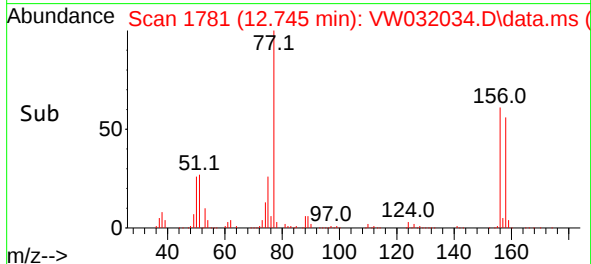
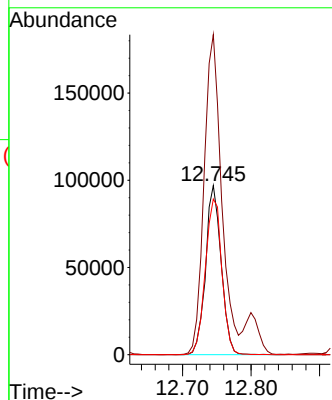
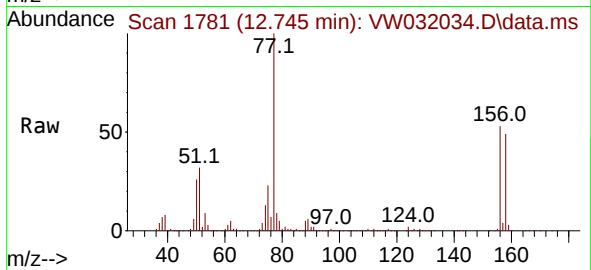
Tgt Ion:156 Resp: 153365

Ion Ratio Lower Upper

156 100

77 212.1 115.3 345.8

158 98.2 50.1 150.3



#78

n-propylbenzene

Concen: 24.729 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032034.D

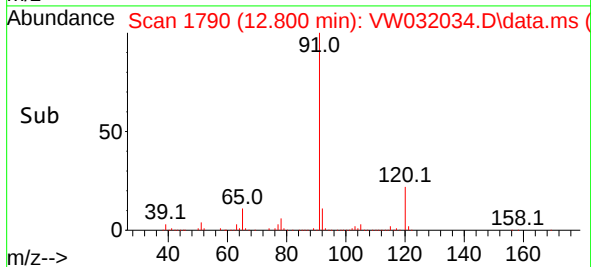
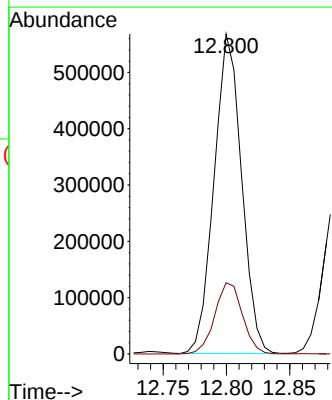
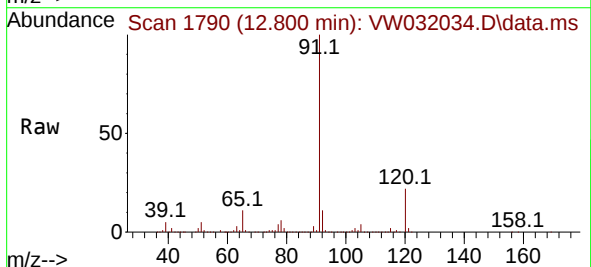
Acq: 06 Aug 2025 17:19

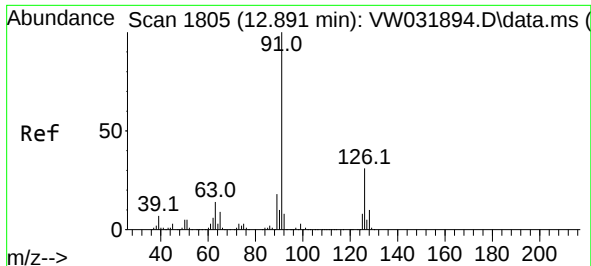
Tgt Ion: 91 Resp: 856574

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.6





#79

2-Chlorotoluene

Concen: 25.204 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

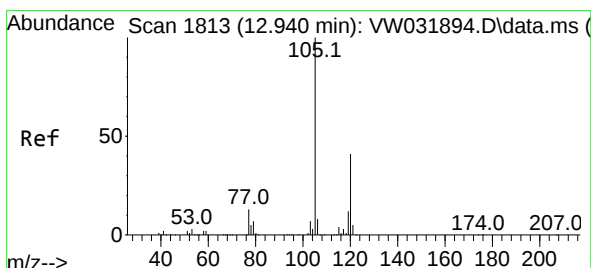
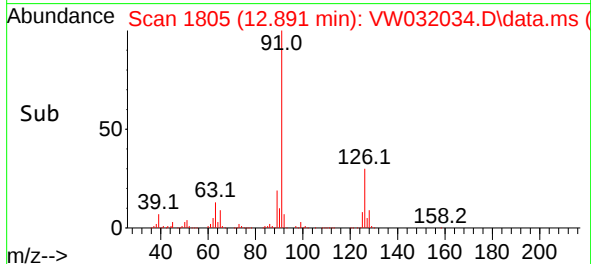
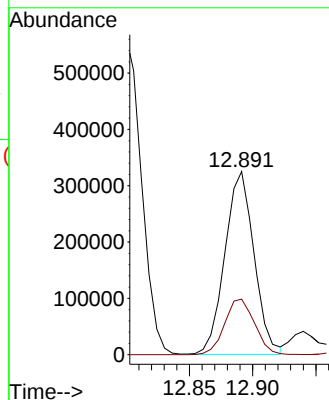
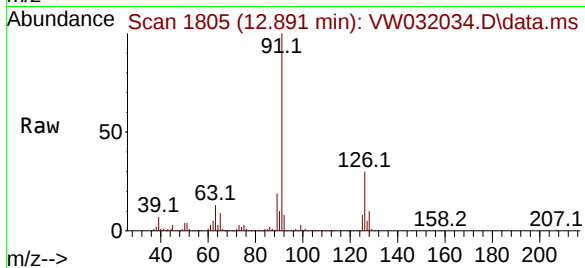
VSTDCCC050EC

Tgt Ion: 91 Resp: 521256

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 24.727 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032034.D

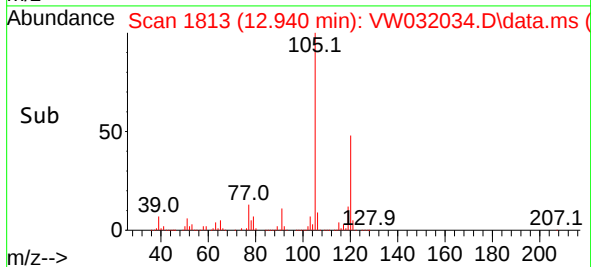
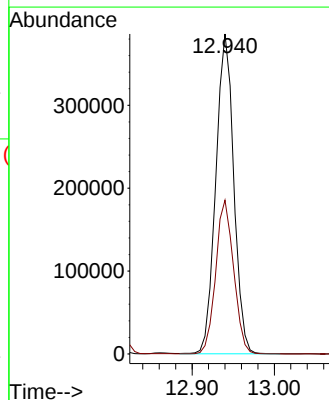
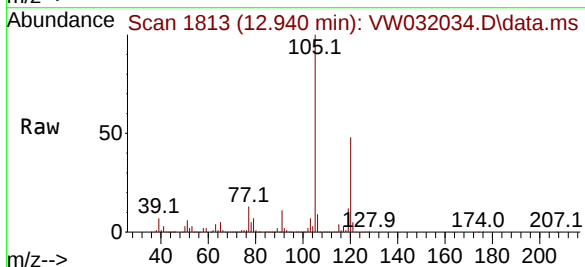
Acq: 06 Aug 2025 17:19

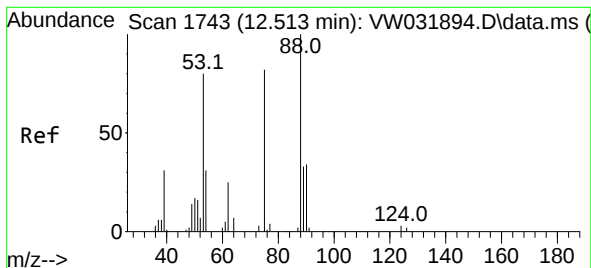
Tgt Ion: 105 Resp: 584878

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.5

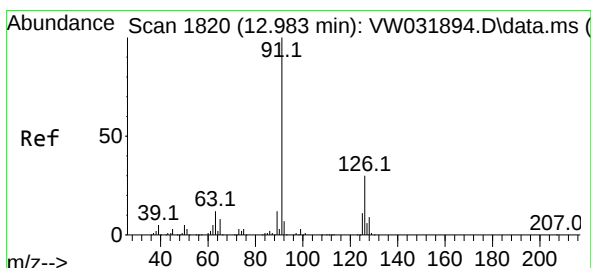
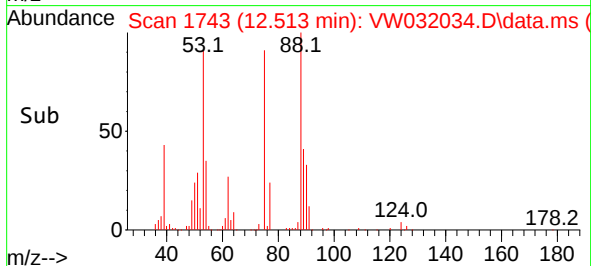
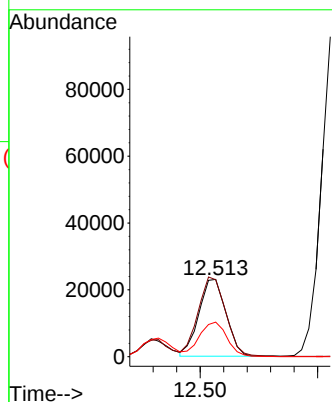
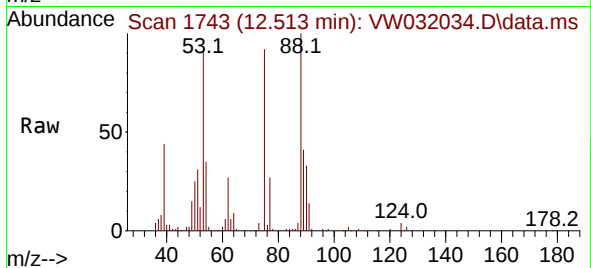




#81
trans-1,4-Dichloro-2-butene
Concen: 18.958 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

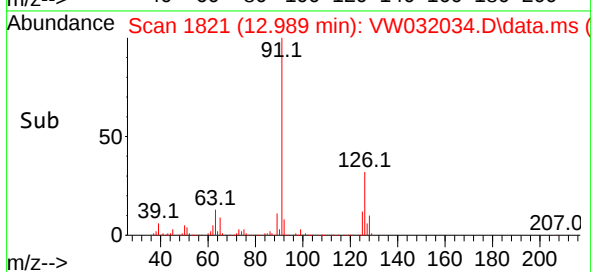
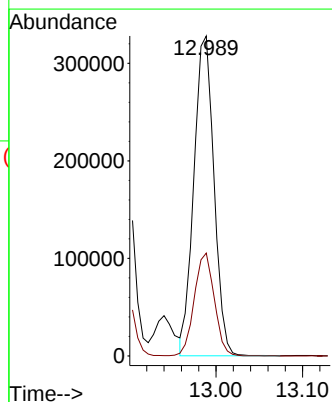
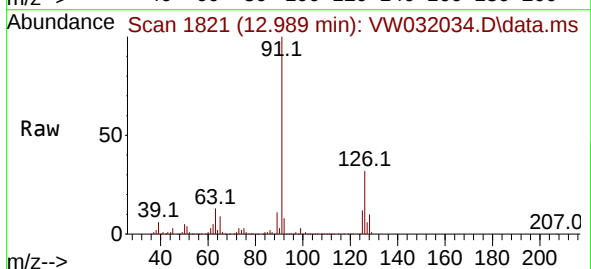
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

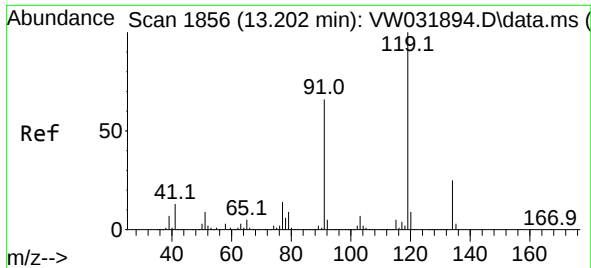
Tgt Ion: 75 Resp: 36851
Ion Ratio Lower Upper
75 100
53 105.8 83.7 125.5
89 46.5 39.0 58.6



#82
4-Chlorotoluene
Concen: 24.362 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 91 Resp: 528572
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.3

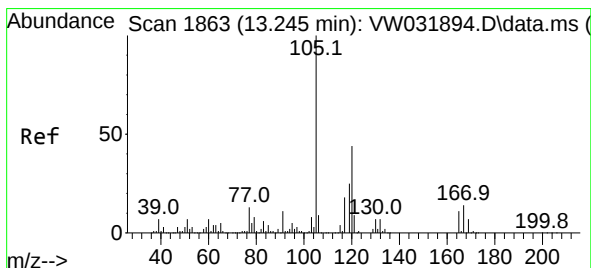
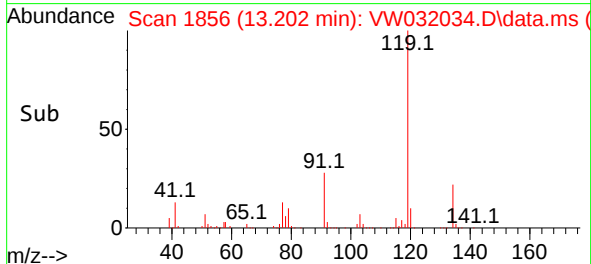
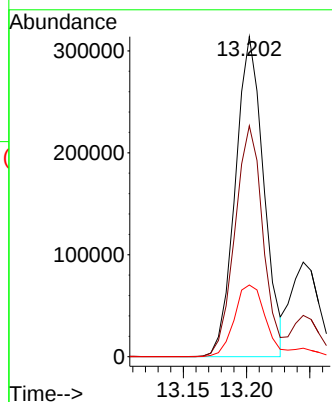
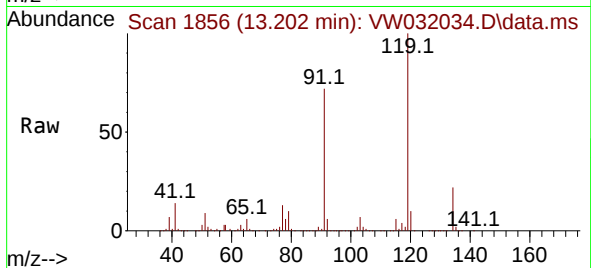




#83
tert-Butylbenzene
Concen: 24.372 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

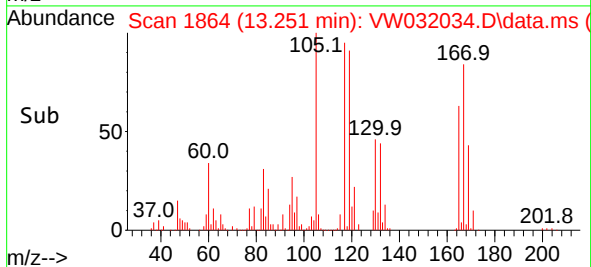
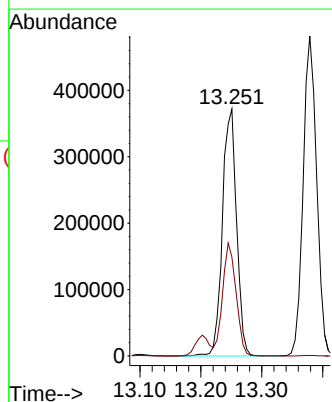
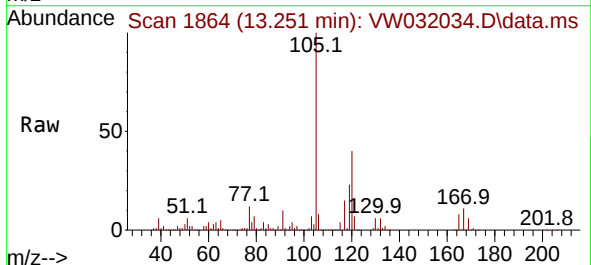
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

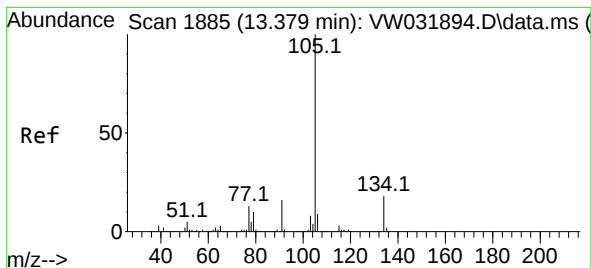
Tgt Ion:119 Resp: 491048
Ion Ratio Lower Upper
119 100
91 71.1 35.5 106.5
134 24.5 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 25.071 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:105 Resp: 600214
Ion Ratio Lower Upper
105 100
120 43.5 21.3 63.9





#85

sec-Butylbenzene

Concen: 24.470 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

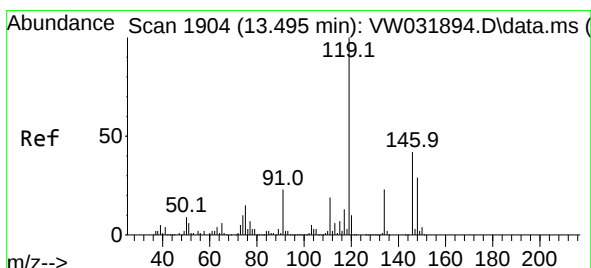
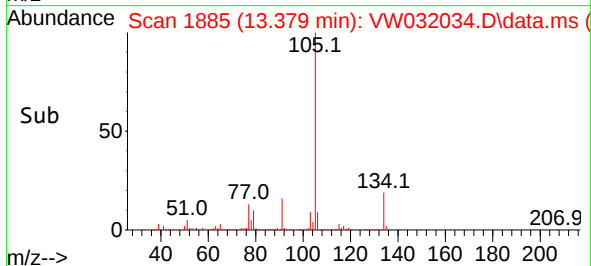
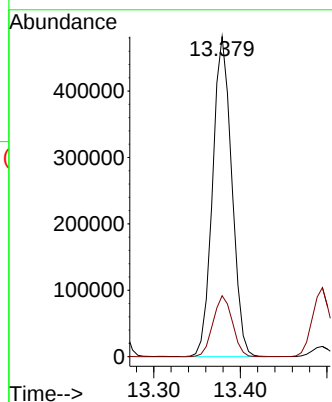
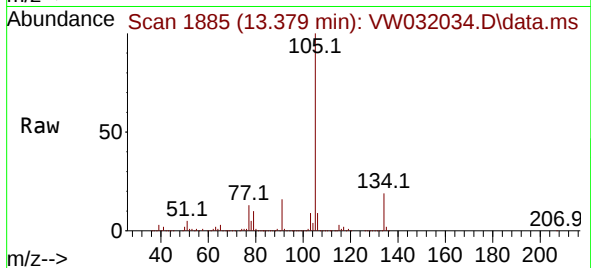
VSTDCCC050EC

Tgt Ion:105 Resp: 740372

Ion Ratio Lower Upper

105 100

134 19.2 9.2 27.6



#86

p-Isopropyltoluene

Concen: 24.448 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

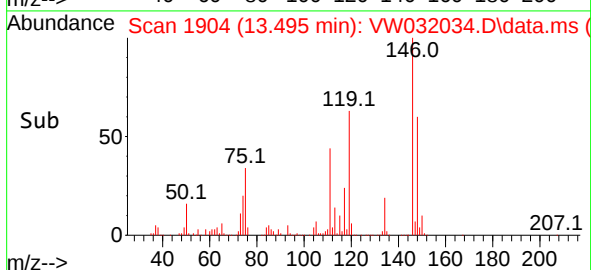
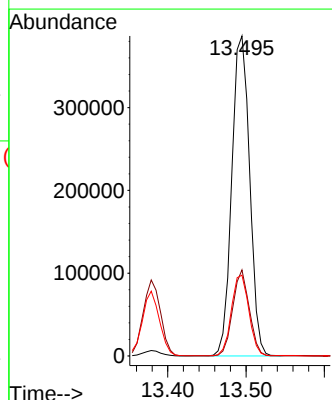
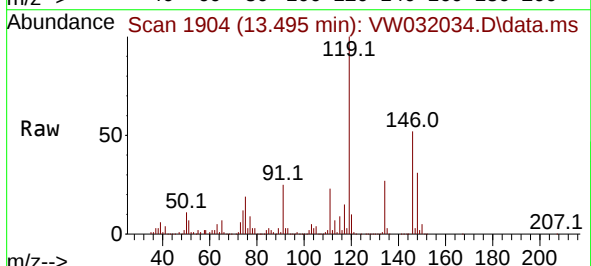
Tgt Ion:119 Resp: 611415

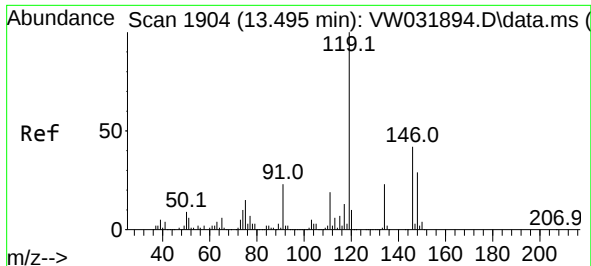
Ion Ratio Lower Upper

119 100

134 24.8 13.0 39.0

91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 25.718 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

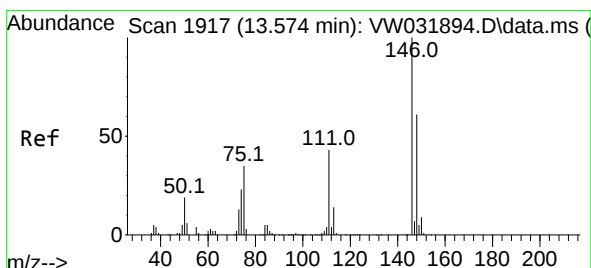
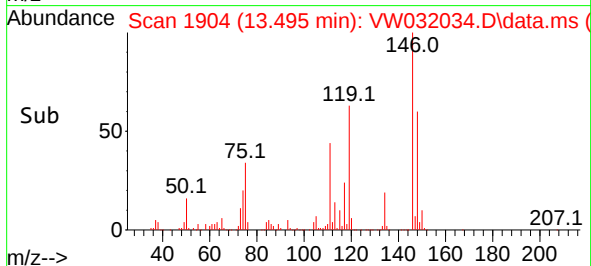
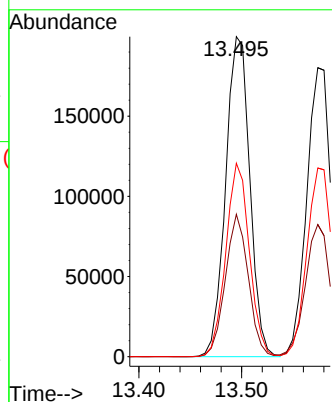
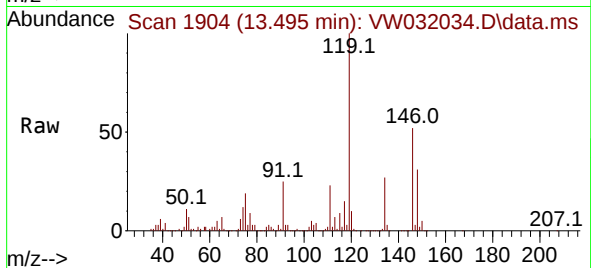
Tgt Ion:146 Resp: 326674

Ion Ratio Lower Upper

146 100

111 42.3 21.9 65.7

148 59.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 24.282 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

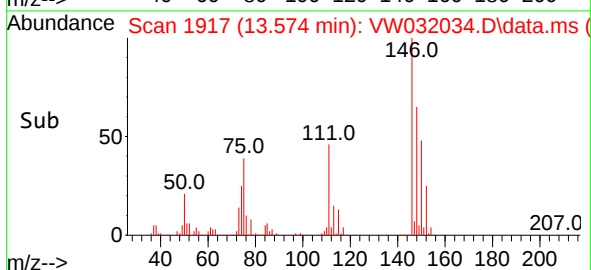
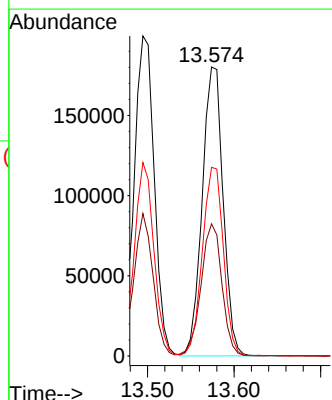
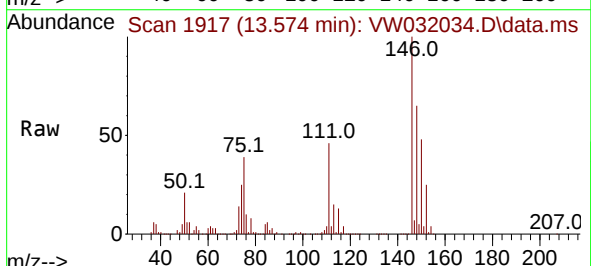
Tgt Ion:146 Resp: 302144

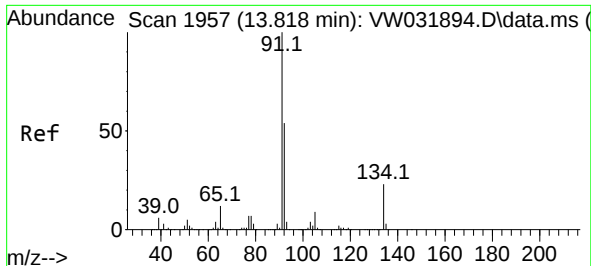
Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.3

148 65.5 31.8 95.3





#89

n-Butylbenzene

Concen: 24.704 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

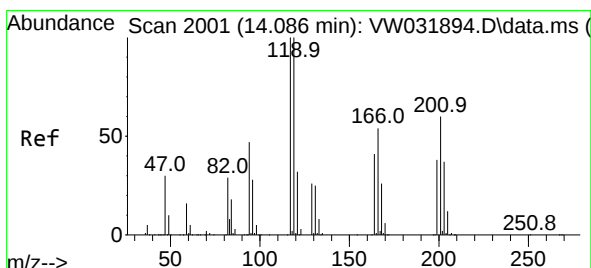
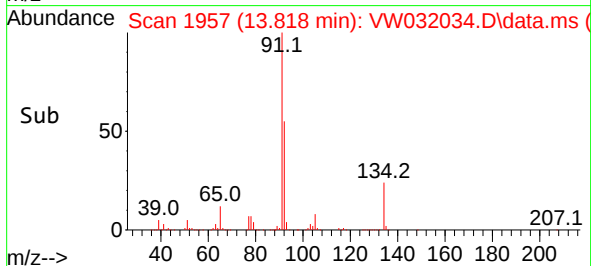
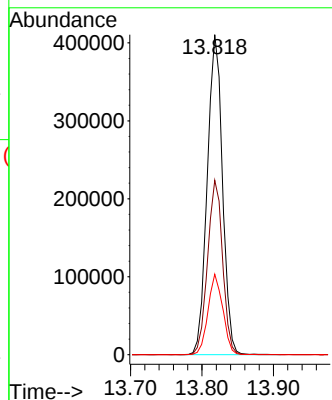
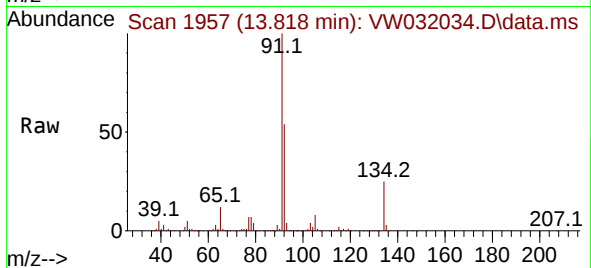
Tgt Ion: 91 Resp: 606061

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 24.5 11.6 34.7



#90

Hexachloroethane

Concen: 24.305 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032034.D

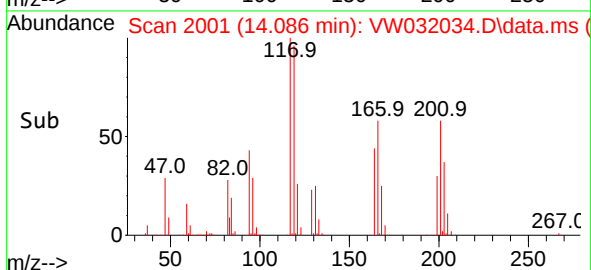
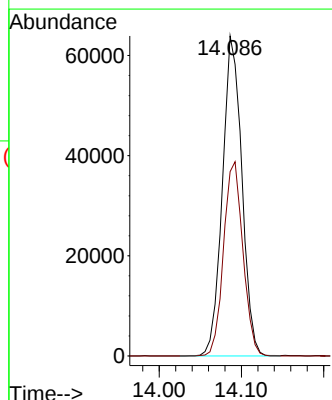
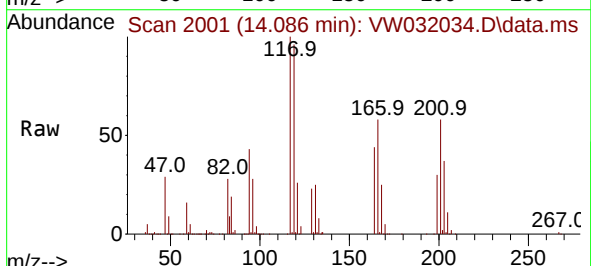
Acq: 06 Aug 2025 17:19

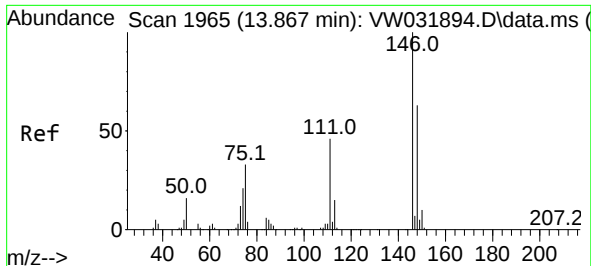
Tgt Ion: 117 Resp: 105108

Ion Ratio Lower Upper

117 100

201 60.3 28.4 85.2

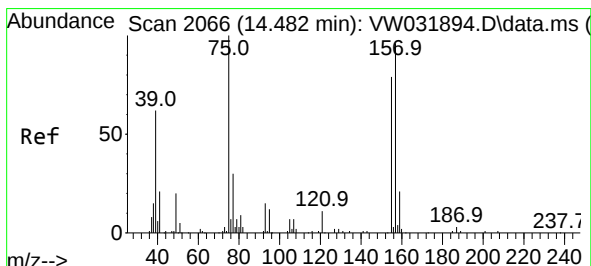
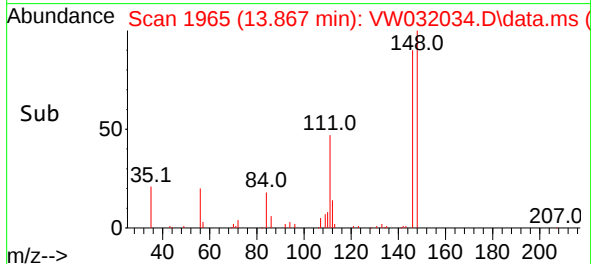
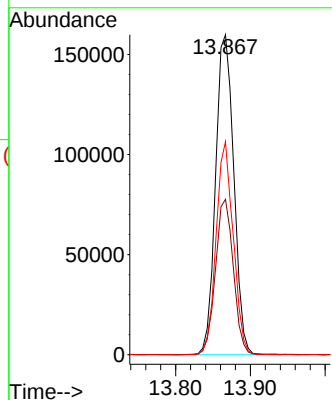
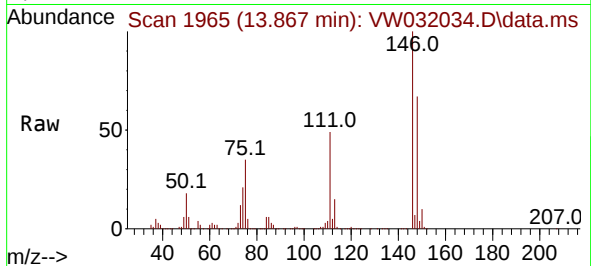




#91
1,2-Dichlorobenzene
Concen: 24.071 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

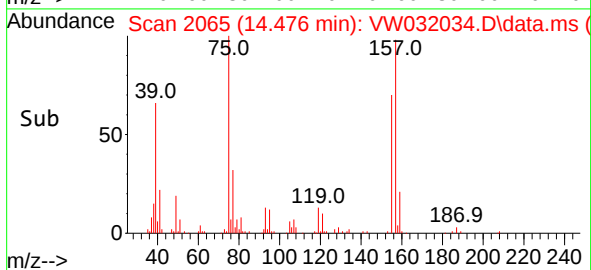
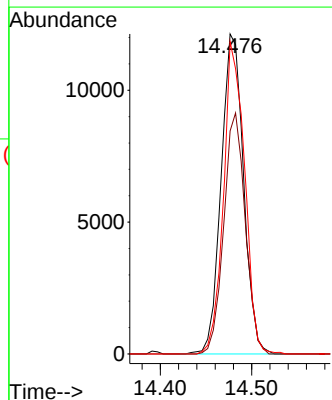
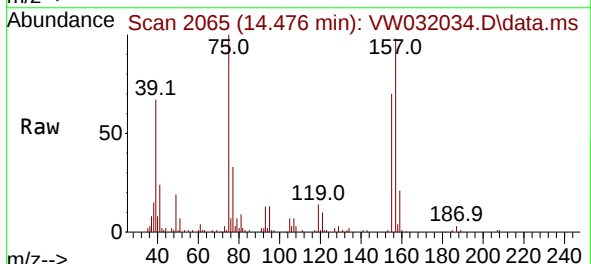
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

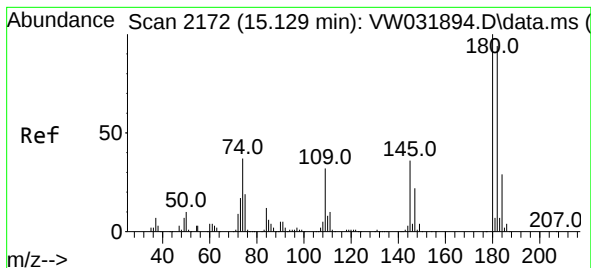
Tgt Ion:146 Resp: 270970
Ion Ratio Lower Upper
146 100
111 47.7 23.6 71.0
148 62.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.088 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion: 75 Resp: 20644
Ion Ratio Lower Upper
75 100
155 72.4 35.9 107.7
157 91.9 47.4 142.2

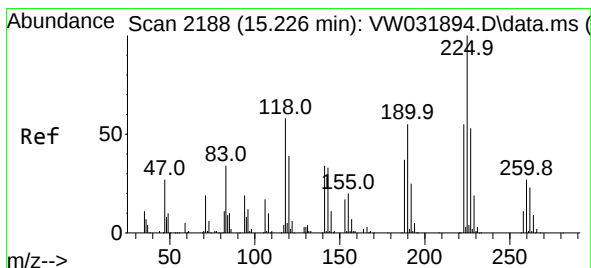
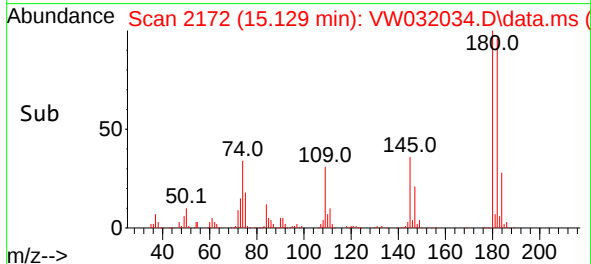
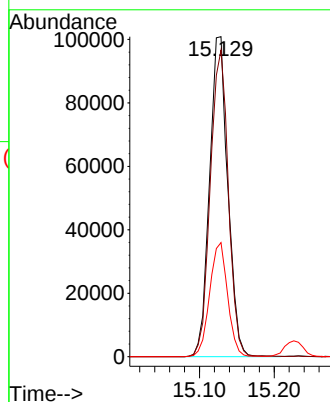
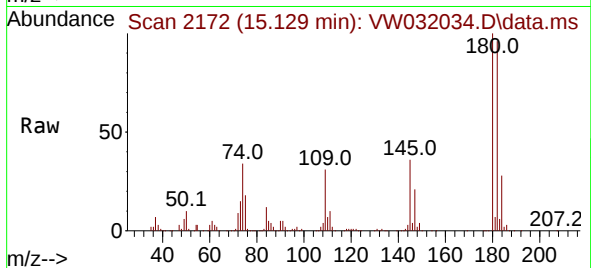




#93
1,2,4-Trichlorobenzene
Concen: 25.282 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

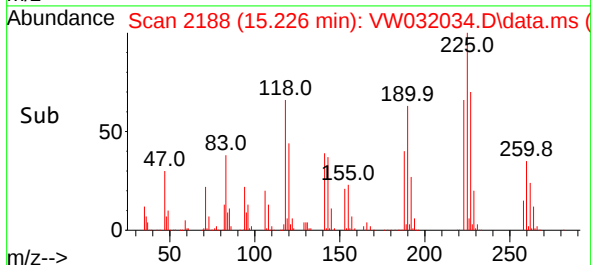
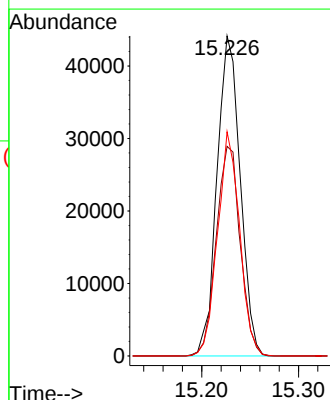
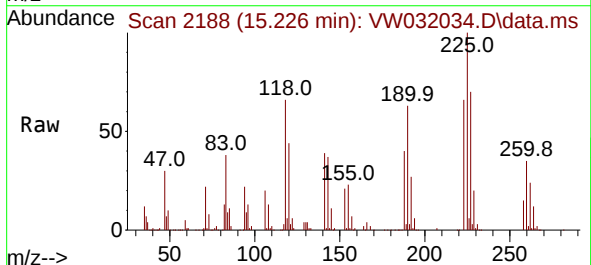
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

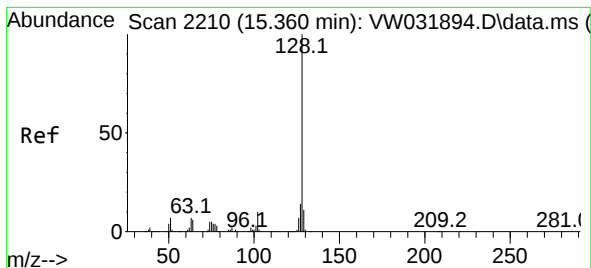
Tgt Ion:180 Resp: 171637
Ion Ratio Lower Upper
180 100
182 94.8 51.0 153.1
145 35.1 18.4 55.4



#94
Hexachlorobutadiene
Concen: 22.883 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032034.D
Acq: 06 Aug 2025 17:19

Tgt Ion:225 Resp: 73614
Ion Ratio Lower Upper
225 100
223 67.6 30.9 92.7
227 66.6 30.0 90.1





#95

Naphthalene

Concen: 21.833 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

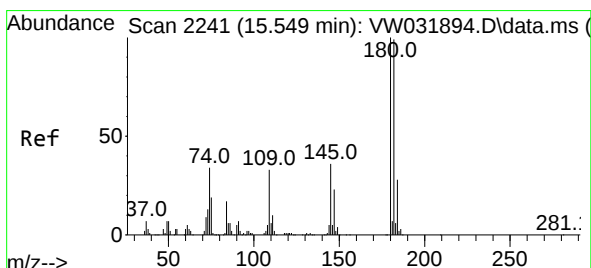
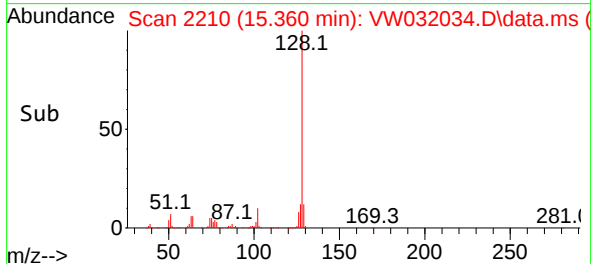
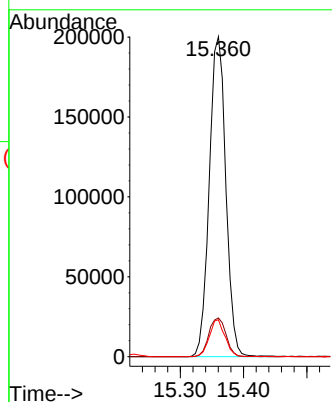
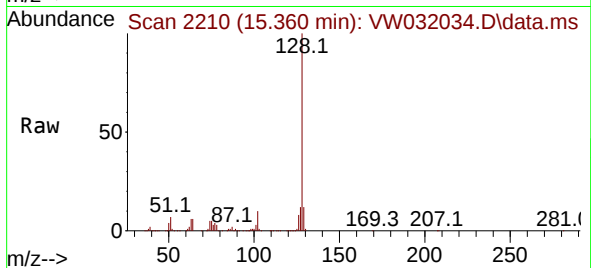
Tgt Ion:128 Resp: 364417

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 11.0 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 23.802 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032034.D

Acq: 06 Aug 2025 17:19

Tgt Ion:180 Resp: 146407

Ion Ratio Lower Upper

180 100

182 93.3 50.4 151.2

145 37.4 18.6 55.8

