

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032403.D
 Acq On : 20 Oct 2025 20:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 21 01:37:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	329343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	624750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	566907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	269362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	235996	49.128	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.260%
35) Dibromofluoromethane	7.904	113	200026	49.439	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.880%
50) Toluene-d8	10.324	98	725477	48.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.617	95	285033	50.501	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	84742	41.004	ug/l	99
3) Chloromethane	2.253	50	129740	40.685	ug/l	99
4) Vinyl Chloride	2.405	62	170698	44.837	ug/l	97
5) Bromomethane	2.826	94	123182	44.029	ug/l	93
6) Chloroethane	2.972	64	113250	45.056	ug/l	100
7) Trichlorofluoromethane	3.307	101	137584	48.267	ug/l	96
8) Diethyl Ether	3.722	74	121561	49.214	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.100	101	152905	44.722	ug/l	94
10) Methyl Iodide	4.313	142	255130	52.299	ug/l	96
11) Tert butyl alcohol	5.216	59	90371	248.542	ug/l	97
12) 1,1-Dichloroethene	4.076	96	176318	47.502	ug/l	96
13) Acrolein	3.929	56	44267	75.014	ug/l	99
14) Allyl chloride	4.710	41	308857	49.265	ug/l	89
15) Acrylonitrile	5.405	53	322725	251.146	ug/l	99
16) Acetone	4.161	43	257325	193.462	ug/l	100
17) Carbon Disulfide	4.423	76	468532	46.263	ug/l	99
18) Methyl Acetate	4.710	43	355223	93.229	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	402506	55.057	ug/l	99
20) Methylene Chloride	4.953	84	227337	51.826	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	199315	48.502	ug/l	91
22) Diisopropyl ether	6.343	45	653260	50.103	ug/l	91
23) Vinyl Acetate	6.282	43	1681142	193.041	ug/l	100
24) 1,1-Dichloroethane	6.246	63	382473	48.284	ug/l	99
25) 2-Butanone	7.191	43	429377	237.024	ug/l	100
26) 2,2-Dichloropropane	7.191	77	195611	48.277	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	250591	50.759	ug/l	96
28) Bromochloromethane	7.532	49	177888	47.732	ug/l	91
29) Tetrahydrofuran	7.551	42	294656	258.648	ug/l	96
30) Chloroform	7.691	83	400224	49.819	ug/l	100
31) Cyclohexane	7.971	56	297551	44.000	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	289097	50.784	ug/l	99
36) 1,1-Dichloropropene	8.099	75	265375	46.475	ug/l	99
37) Ethyl Acetate	7.276	43	163606	43.047	ug/l	100
38) Carbon Tetrachloride	8.081	117	260805	48.538	ug/l	98
39) Methylcyclohexane	9.343	83	322676	46.849	ug/l	97
40) Benzene	8.337	78	848630	47.415	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032403.D
 Acq On : 20 Oct 2025 20:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 21 01:37:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	106201	51.850	ug/l	94
42) 1,2-Dichloroethane	8.410	62	278902	47.624	ug/l	99
43) Isopropyl Acetate	8.435	43	321857	47.737	ug/l	99
44) Trichloroethene	9.099	130	207888	49.606	ug/l	92
45) 1,2-Dichloropropane	9.373	63	213068	47.694	ug/l	100
46) Dibromomethane	9.465	93	135394	49.287	ug/l	96
47) Bromodichloromethane	9.648	83	318159	50.637	ug/l	97
48) Methyl methacrylate	9.440	41	172922	52.751	ug/l	93
49) 1,4-Dioxane	9.465	88	38781	1032.859	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	991245	253.831	ug/l	99
52) Toluene	10.392	92	537531	48.227	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	308373	50.589	ug/l	98
54) cis-1,3-Dichloropropene	10.074	75	345442	49.197	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	178352	48.577	ug/l	98
56) Ethyl methacrylate	10.648	69	266677	51.893	ug/l	94
57) 1,3-Dichloropropane	10.934	76	321843	49.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	731987	267.642	ug/l	97
59) 2-Hexanone	10.971	43	692852	251.559	ug/l	99
60) Dibromochloromethane	11.129	129	218326	52.370	ug/l	99
61) 1,2-Dibromoethane	11.233	107	181160	50.603	ug/l	98
64) Tetrachloroethene	10.867	164	182506	53.802	ug/l	90
65) Chlorobenzene	11.653	112	600994	48.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	198398	51.067	ug/l	99
67) Ethyl Benzene	11.727	91	1029024	49.492	ug/l	97
68) m/p-Xylenes	11.836	106	781826	97.516	ug/l	98
69) o-Xylene	12.166	106	387082	51.627	ug/l	96
70) Styrene	12.178	104	673970	51.485	ug/l	97
71) Bromoform	12.348	173	123298	55.368	ug/l #	99
73) Isopropylbenzene	12.458	105	950453	51.575	ug/l	99
74) N-amyl acetate	12.269	43	263859	44.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	225655	49.315	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	289466	81.662	ug/l	39
77) Bromobenzene	12.745	156	224151	50.458	ug/l	89
78) n-propylbenzene	12.800	91	1141767	49.599	ug/l	97
79) 2-Chlorotoluene	12.891	91	698791	49.647	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	801428	50.293	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	74785	53.447	ug/l	88
82) 4-Chlorotoluene	12.983	91	732169	48.928	ug/l	100
83) tert-Butylbenzene	13.202	119	702544	53.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	827998	51.101	ug/l	100
85) sec-Butylbenzene	13.379	105	995387	49.818	ug/l	98
86) p-Isopropyltoluene	13.495	119	857567	51.727	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	442583	49.201	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	441778	49.117	ug/l	96
89) n-Butylbenzene	13.818	91	796462	49.204	ug/l	98
90) Hexachloroethane	14.086	117	153070	51.511	ug/l	98
91) 1,2-Dichlorobenzene	13.866	146	399250	49.100	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	42731	53.337	ug/l	93
93) 1,2,4-Trichlorobenzene	15.128	180	264133	54.170	ug/l	99
94) Hexachlorobutadiene	15.226	225	103782	46.554	ug/l	90
95) Naphthalene	15.360	128	673561	57.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	247423	53.836	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032403.D
Acq On : 20 Oct 2025 20:26
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 21 01:37:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

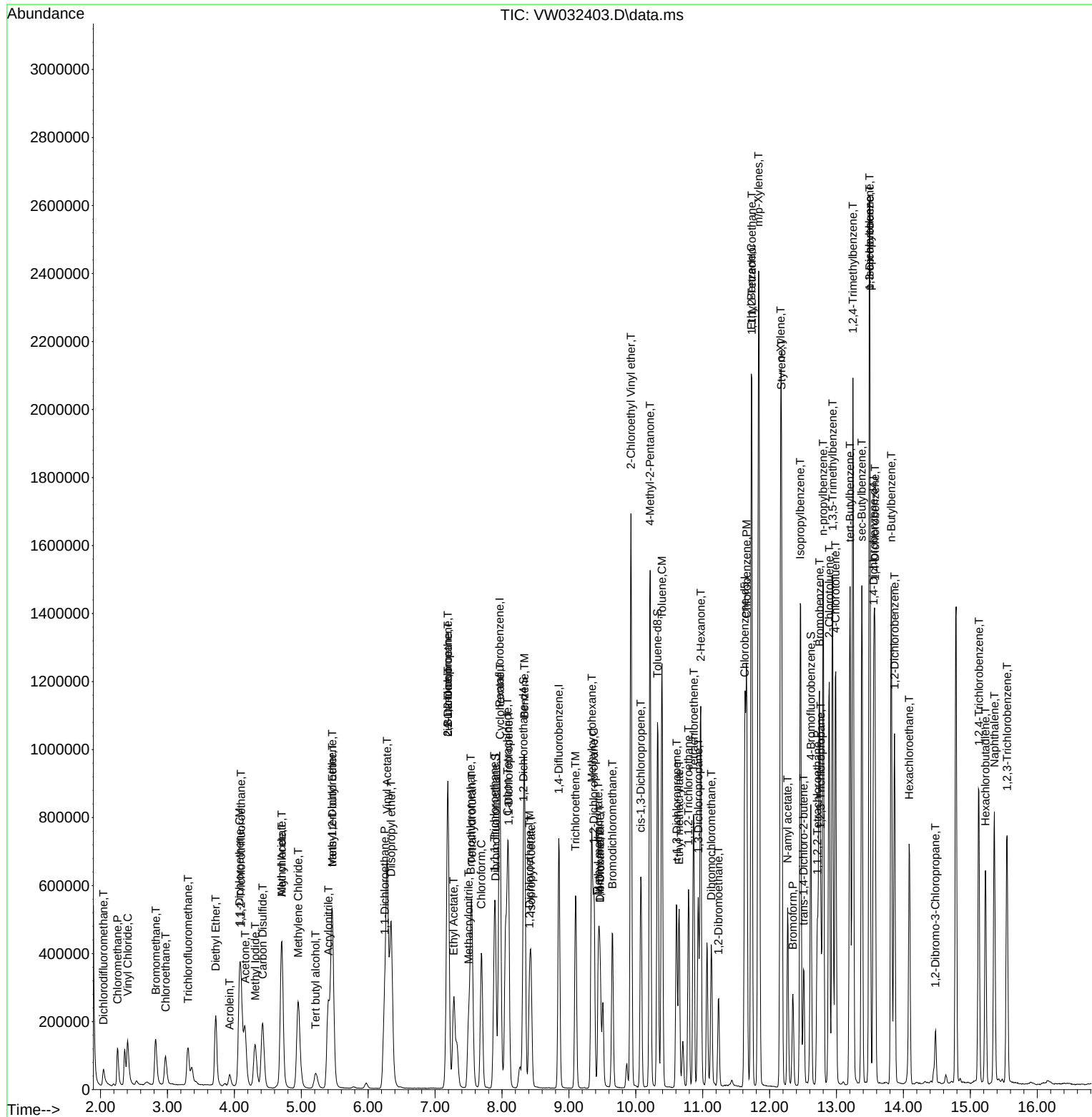
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

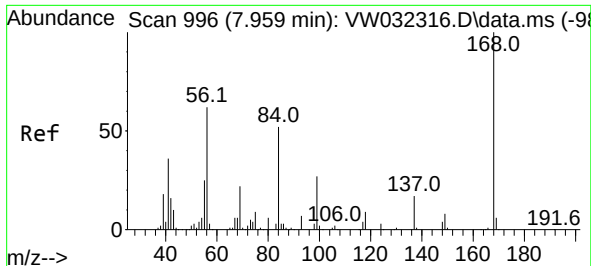
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032403.D
Acq On : 20 Oct 2025 20:26
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 21 01:37:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

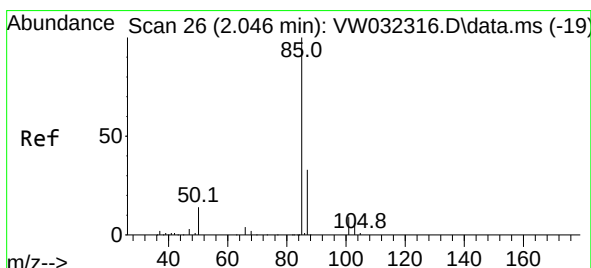
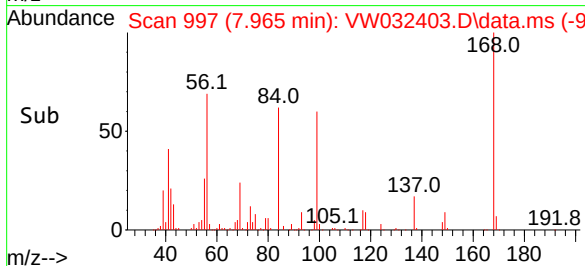
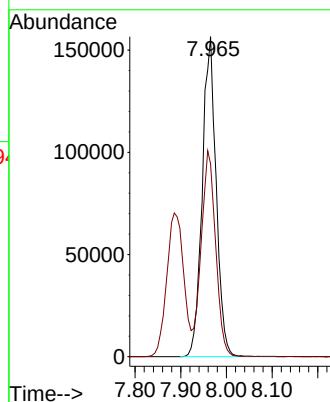
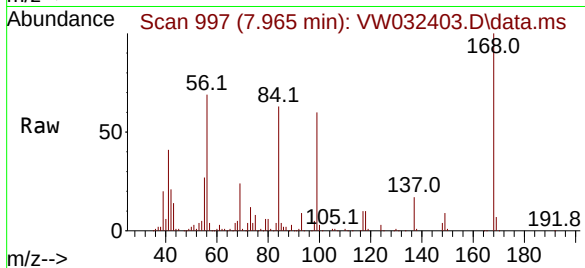




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

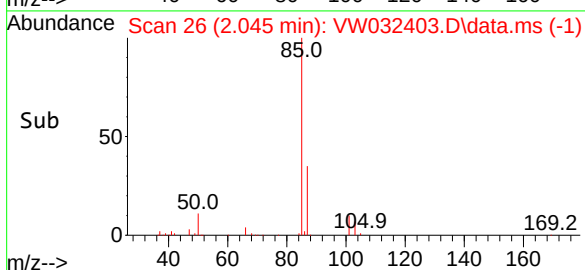
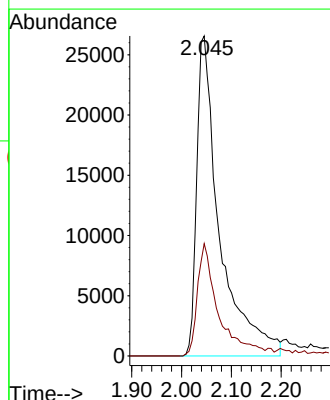
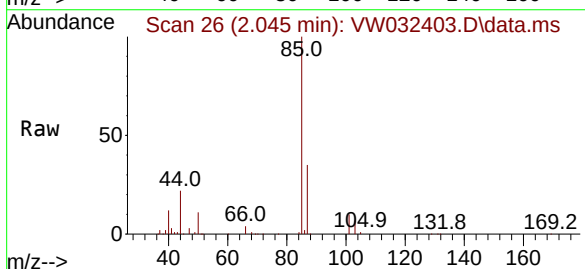
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

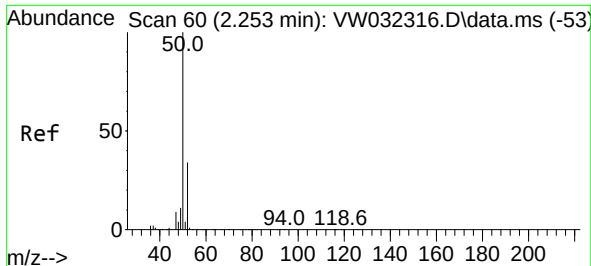
Tgt Ion:168 Resp: 329343
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 41.004 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 85 Resp: 84742
Ion Ratio Lower Upper
85 100
87 35.1 17.2 51.6

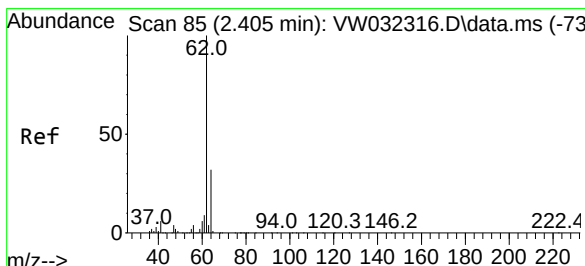
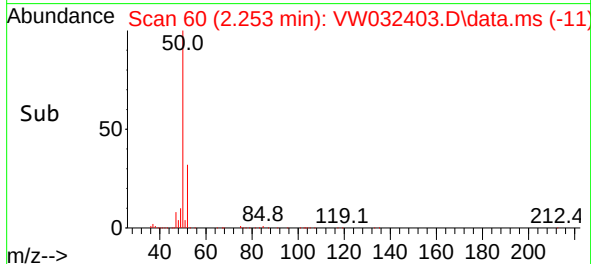
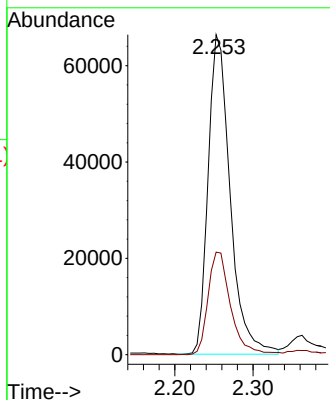
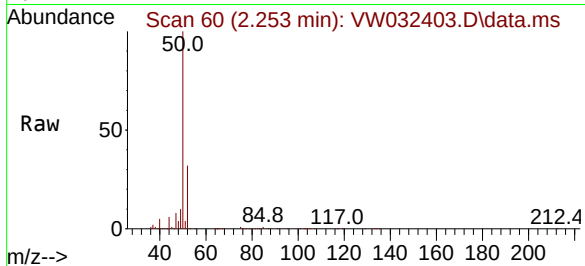




#3
Chloromethane
Concen: 40.685 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

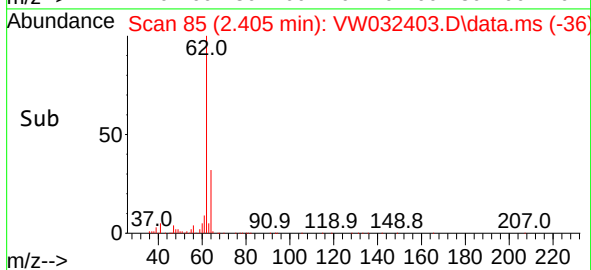
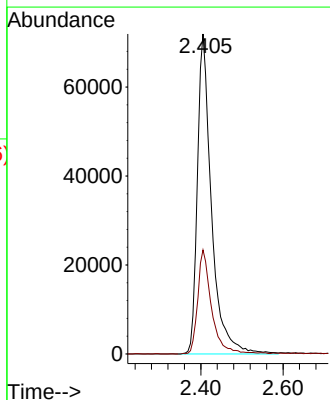
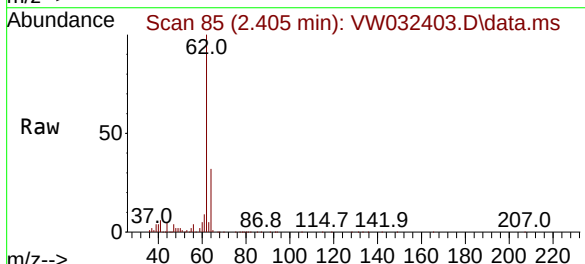
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

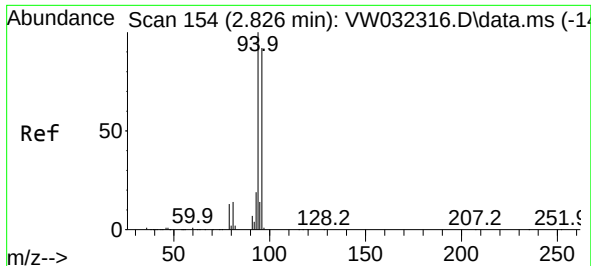
Tgt Ion: 50 Resp: 129740
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 44.837 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 62 Resp: 170698
Ion Ratio Lower Upper
62 100
64 32.5 24.8 37.2

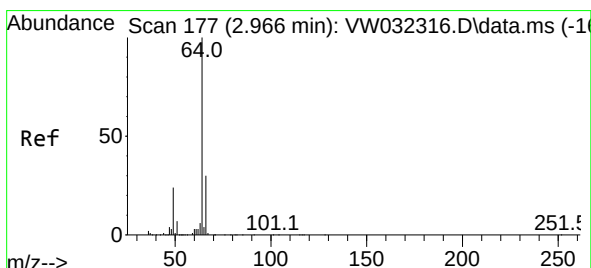
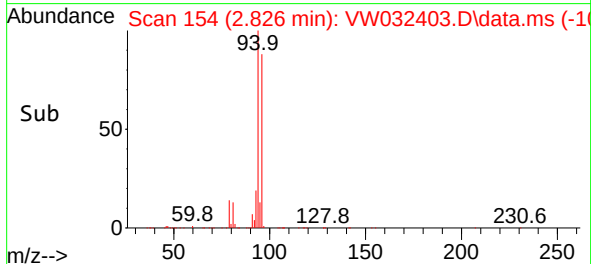
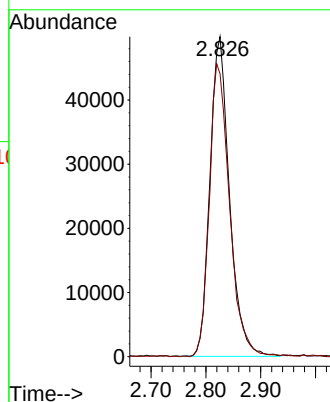
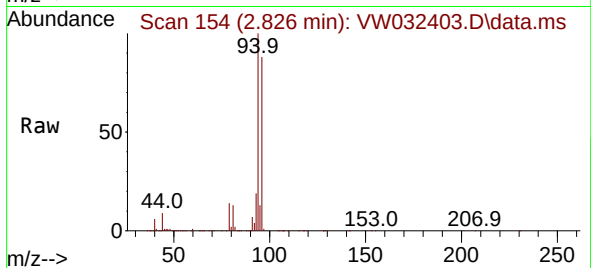




#5
Bromomethane
Concen: 44.029 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

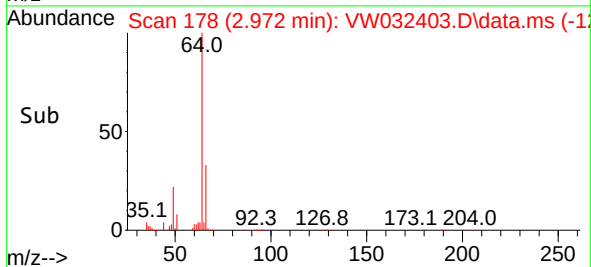
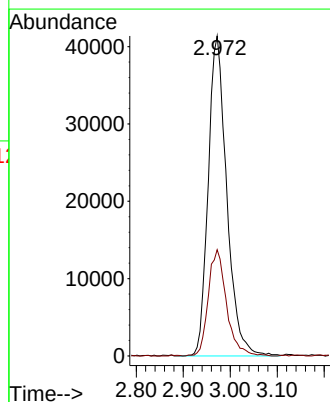
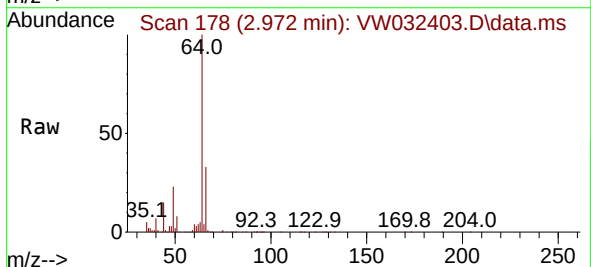
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

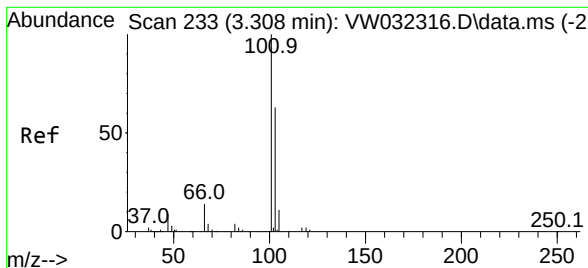
Tgt Ion: 94 Resp: 123182
Ion Ratio Lower Upper
94 100
96 88.5 76.6 115.0



#6
Chloroethane
Concen: 45.056 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 64 Resp: 113250
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

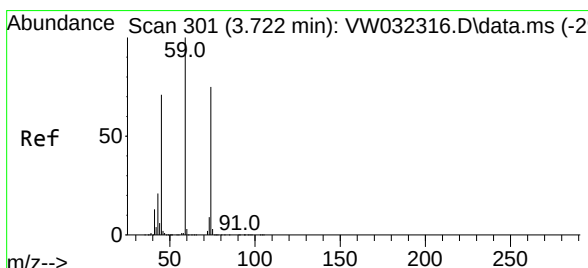
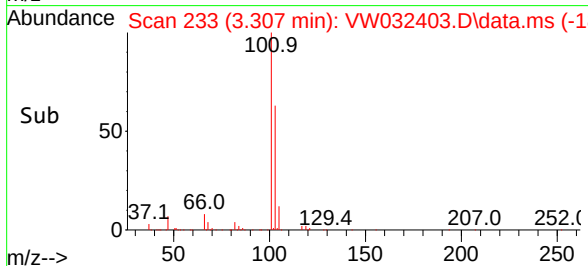
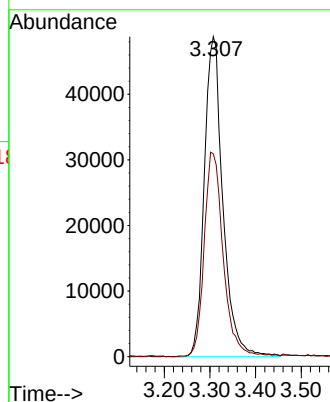
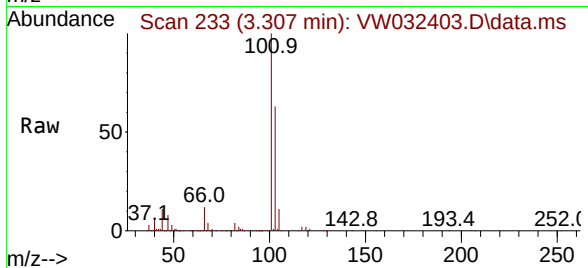




#7
 Trichlorofluoromethane
 Concen: 48.267 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

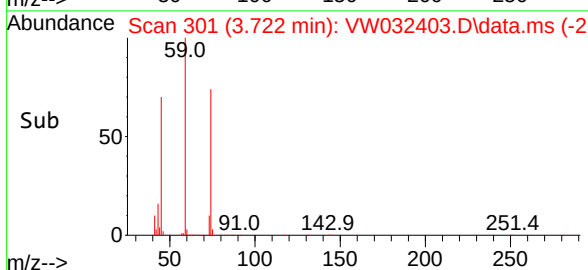
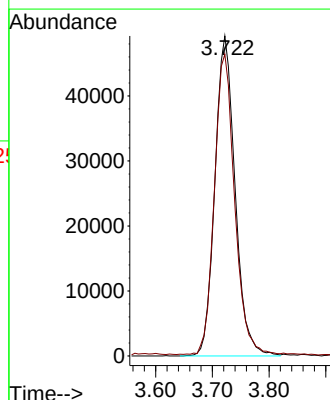
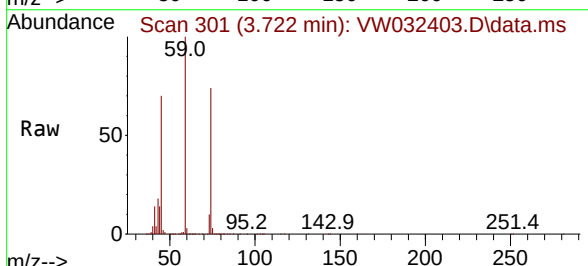
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

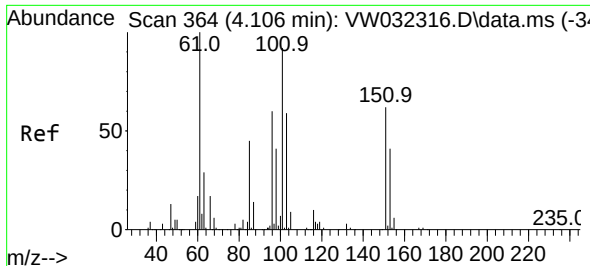
Tgt Ion:101 Resp: 137584
 Ion Ratio Lower Upper
 101 100
 103 63.2 47.8 71.8



#8
 Diethyl Ether
 Concen: 49.214 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

Tgt Ion: 74 Resp: 121561
 Ion Ratio Lower Upper
 74 100
 45 94.0 43.1 129.4

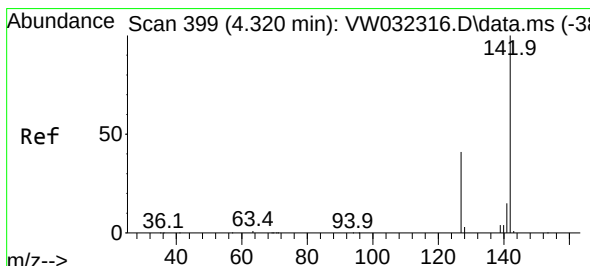
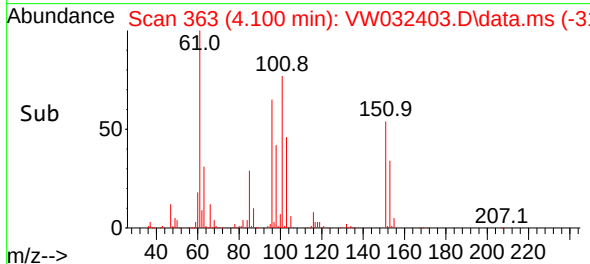
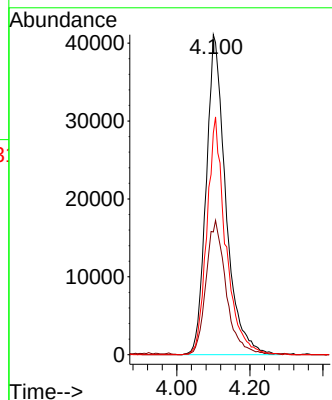
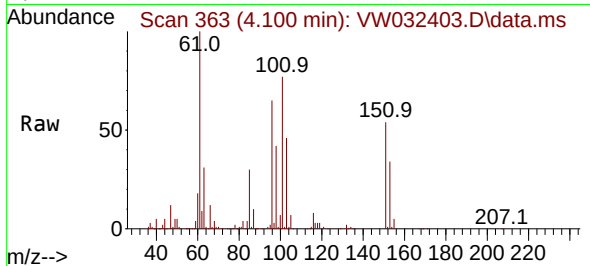




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.722 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

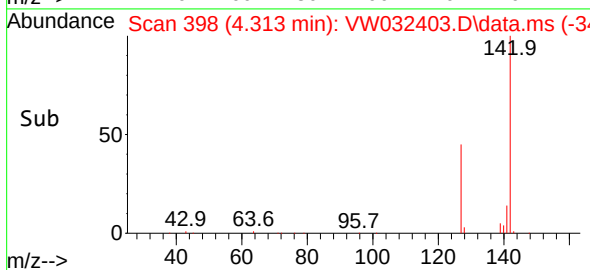
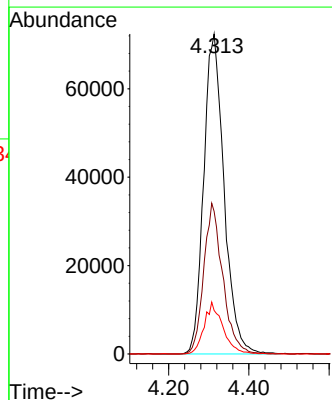
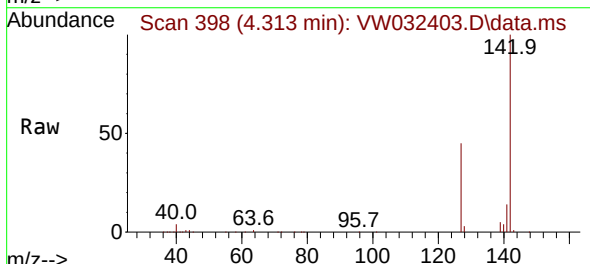
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

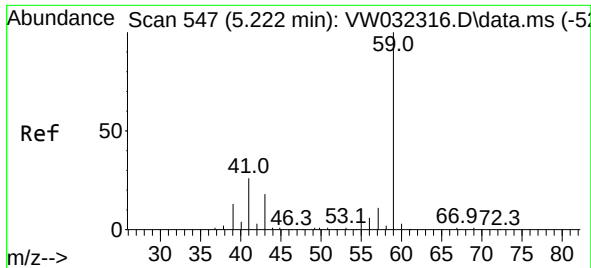
Tgt Ion:101 Resp: 152905
Ion Ratio Lower Upper
101 100
85 43.0 37.1 55.7
151 71.3 61.5 92.3



#10
Methyl Iodide
Concen: 52.299 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:142 Resp: 255130
Ion Ratio Lower Upper
142 100
127 44.1 38.2 57.2
141 14.8 12.2 18.2

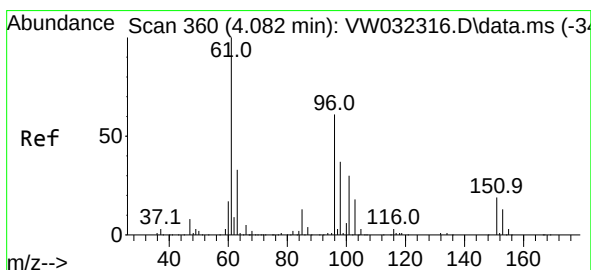
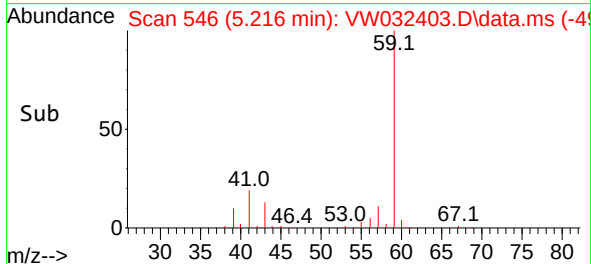
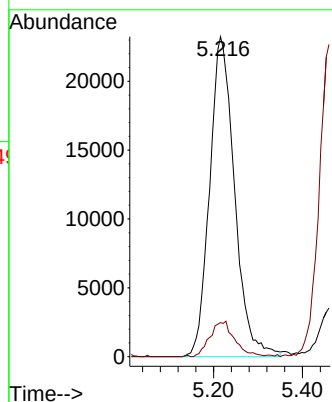
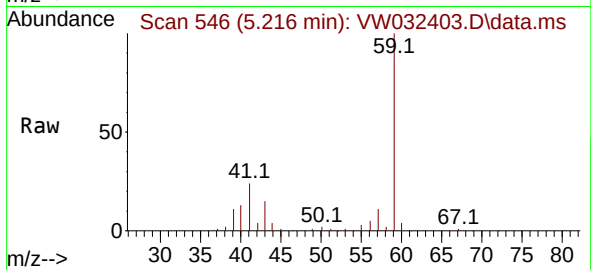




#11
Tert butyl alcohol
Concen: 248.542 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

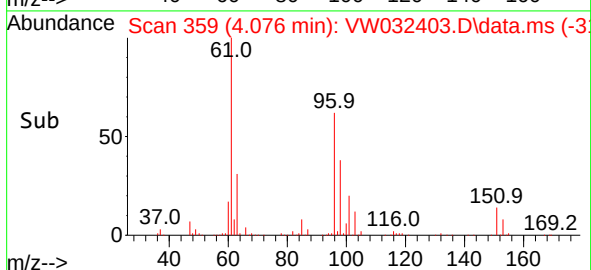
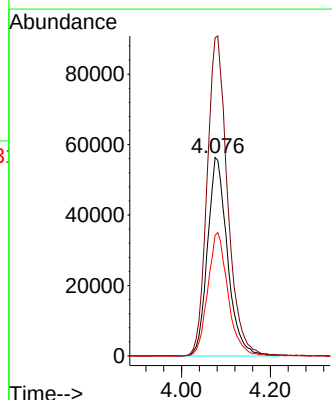
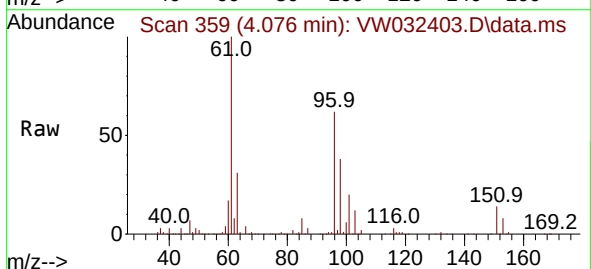
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

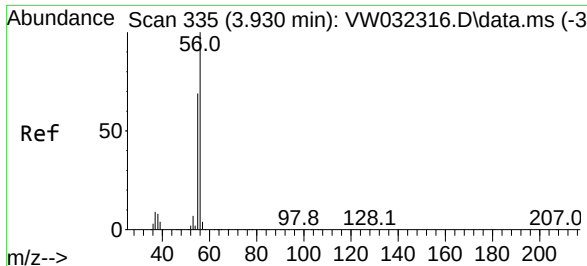
Tgt Ion: 59 Resp: 90371
Ion Ratio Lower Upper
59 100
57 10.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 47.502 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 96 Resp: 176318
Ion Ratio Lower Upper
96 100
61 160.5 123.0 184.4
98 60.7 48.5 72.7

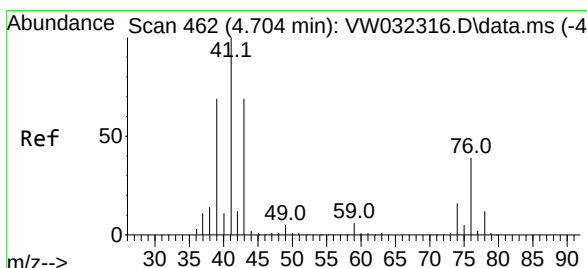
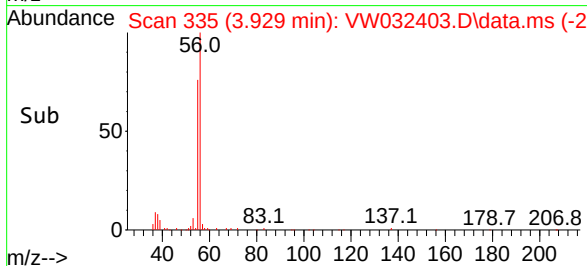
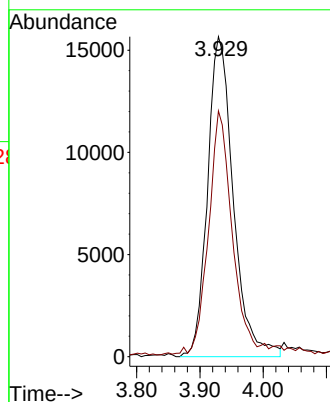
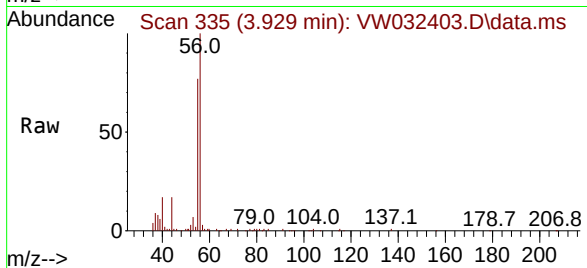




#13
Acrolein
Concen: 75.014 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

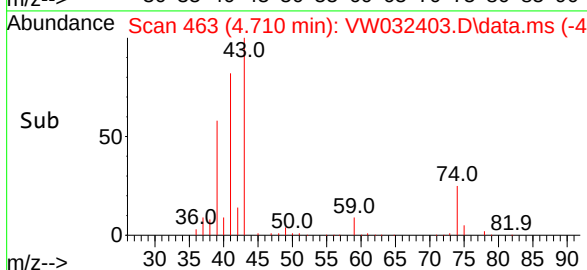
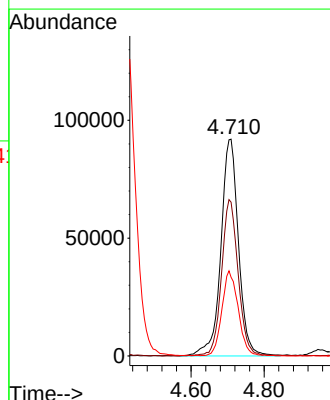
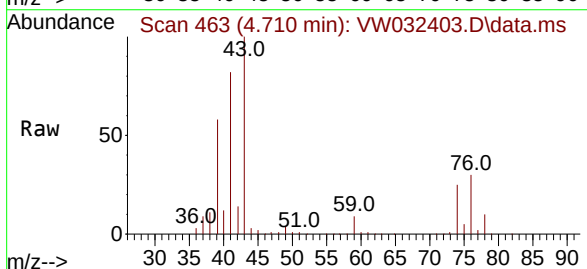
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

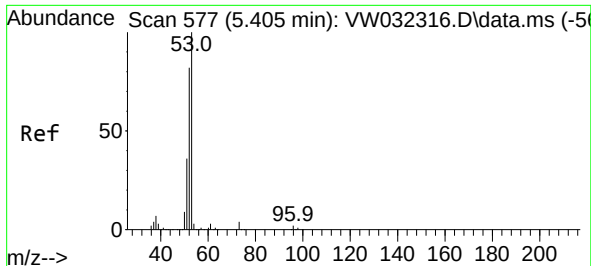
Tgt Ion: 56 Resp: 44267
Ion Ratio Lower Upper
56 100
55 69.6 56.4 84.6



#14
Allyl chloride
Concen: 49.265 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 41 Resp: 308857
Ion Ratio Lower Upper
41 100
39 67.8 64.1 96.1
76 36.3 31.4 47.2

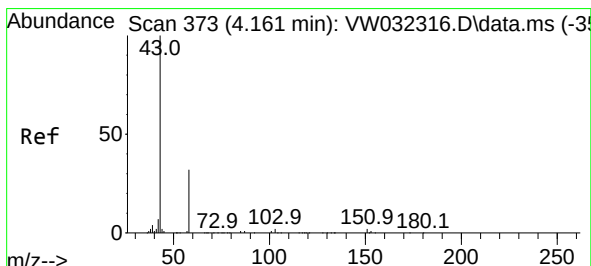
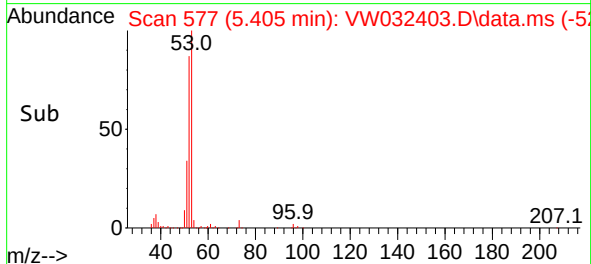
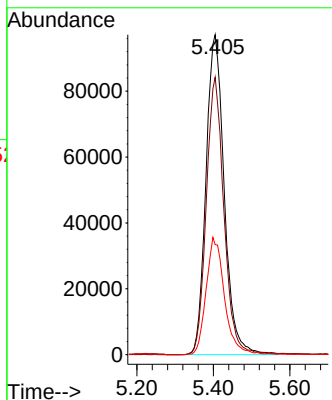
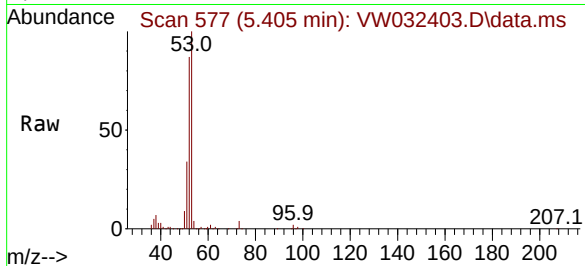




#15
Acrylonitrile
Concen: 251.146 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

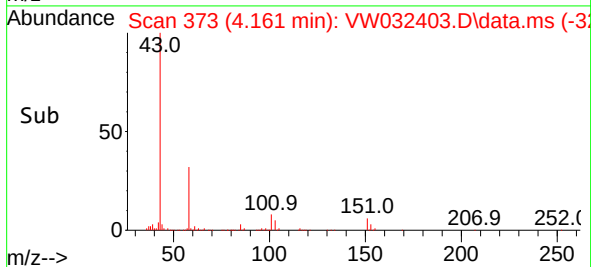
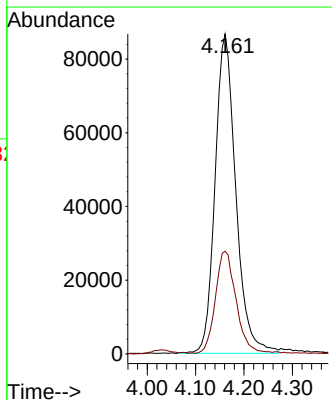
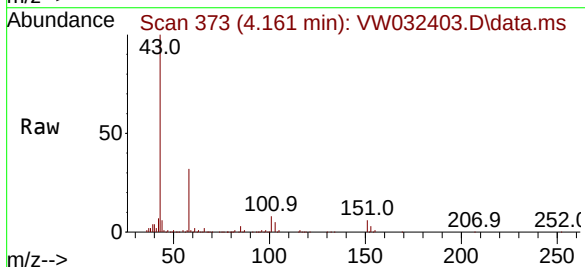
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

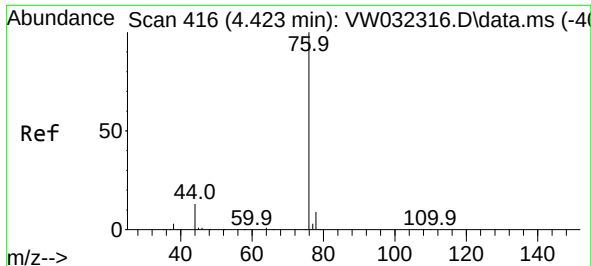
Tgt Ion: 53 Resp: 322725
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.2
51 36.8 30.3 45.5



#16
Acetone
Concen: 193.462 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 43 Resp: 257325
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

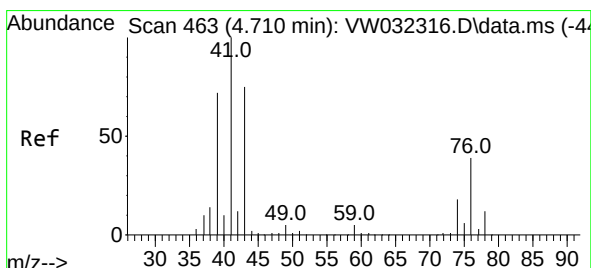
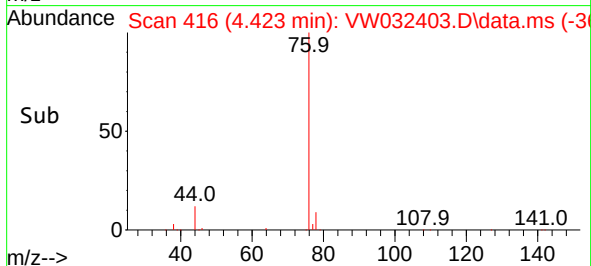
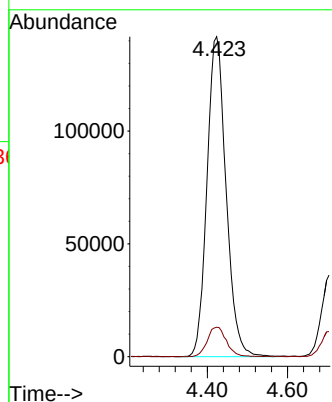
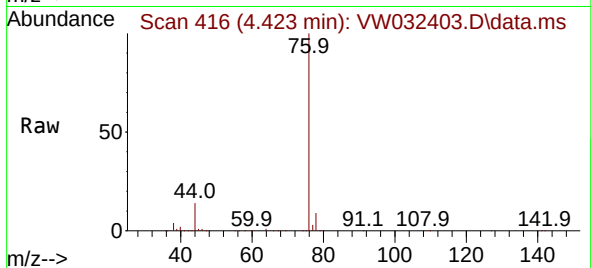




#17
Carbon Disulfide
Concen: 46.263 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

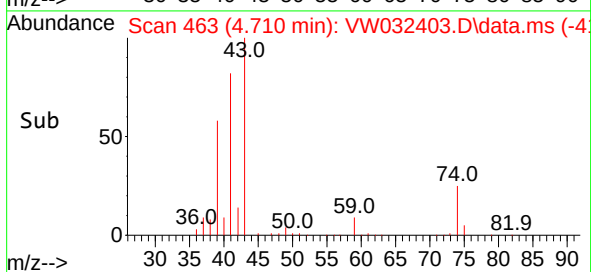
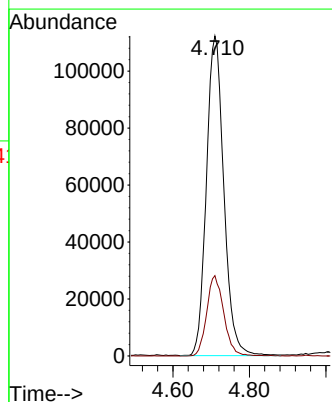
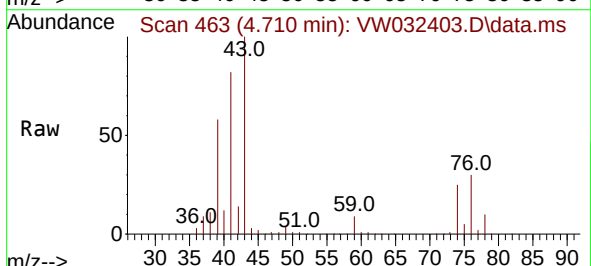
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

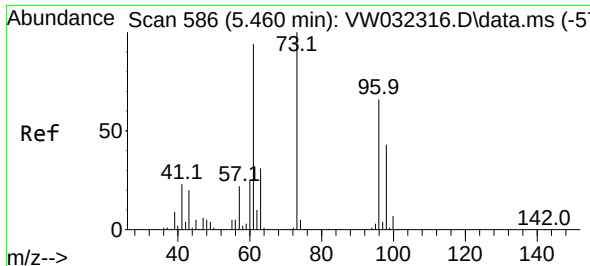
Tgt Ion: 76 Resp: 468532
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 93.229 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 43 Resp: 355223
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.4

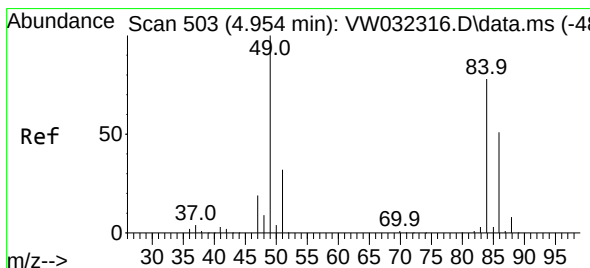
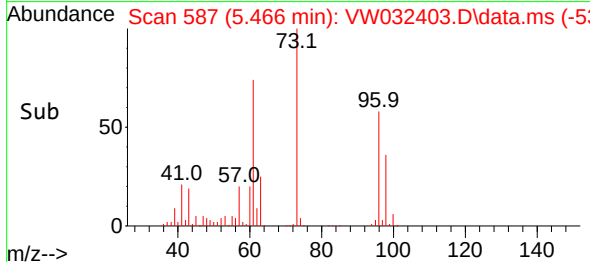
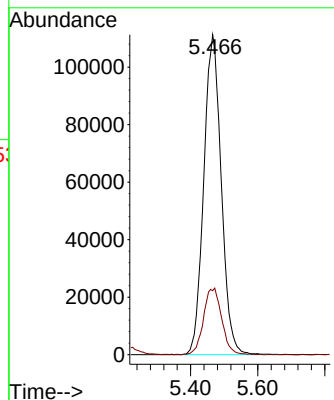
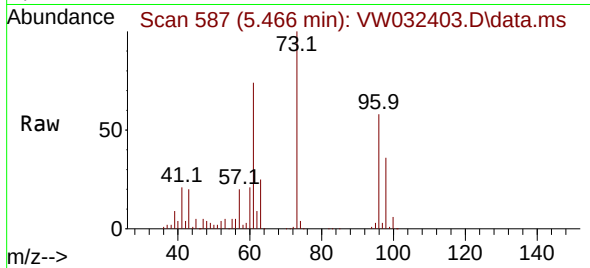




#19
Methyl tert-butyl Ether
Concen: 55.057 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

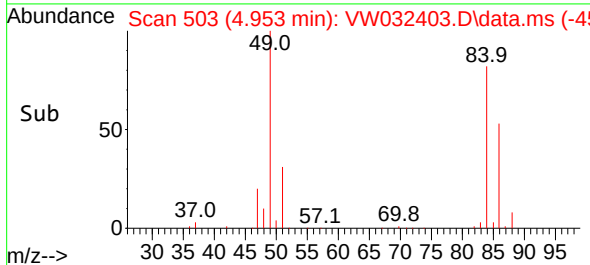
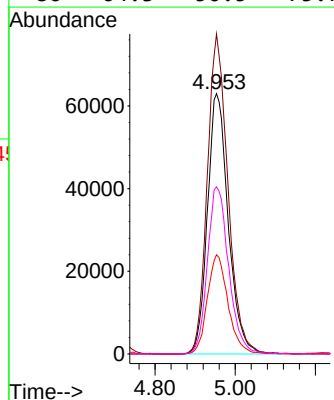
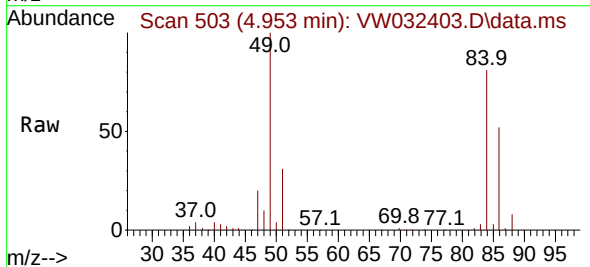
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

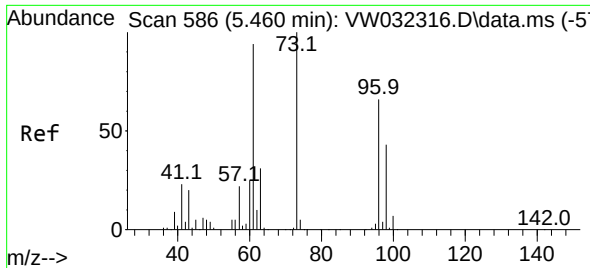
Tgt Ion: 73 Resp: 402506
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.4



#20
Methylene Chloride
Concen: 51.826 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.007 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 84 Resp: 227337
Ion Ratio Lower Upper
84 100
49 122.9 92.2 138.4
51 38.0 31.0 46.6
86 64.3 50.5 75.7

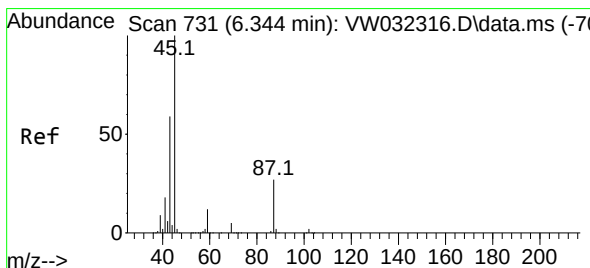
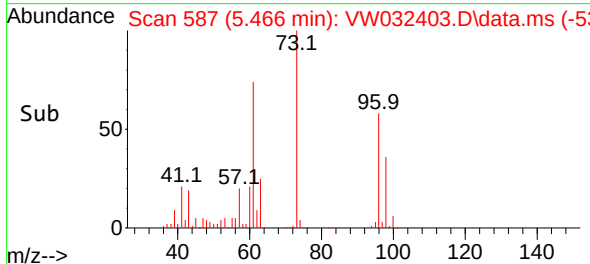
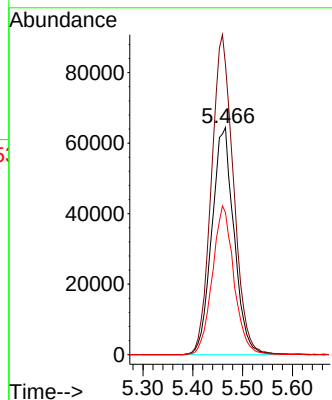
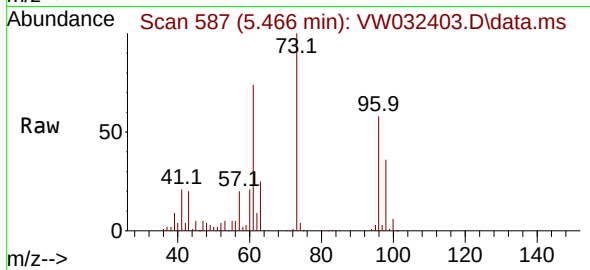




#21
trans-1,2-Dichloroethene
Concen: 48.502 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

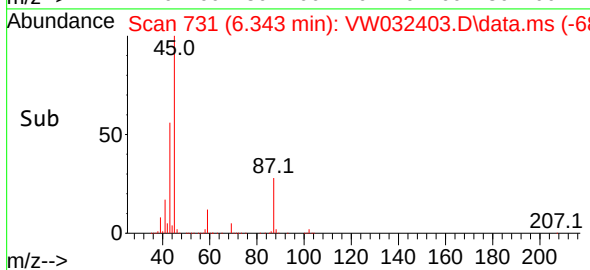
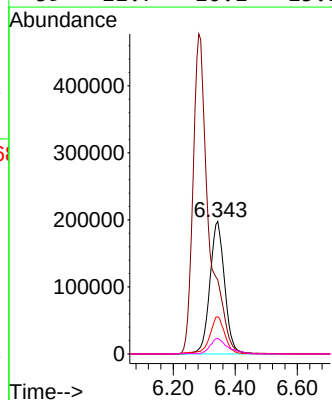
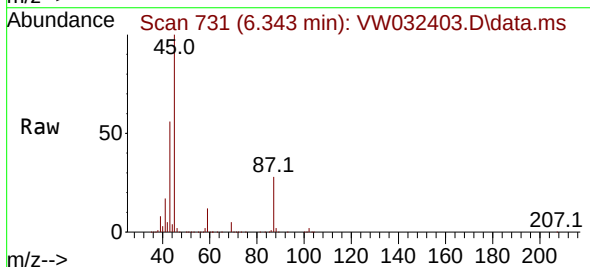
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

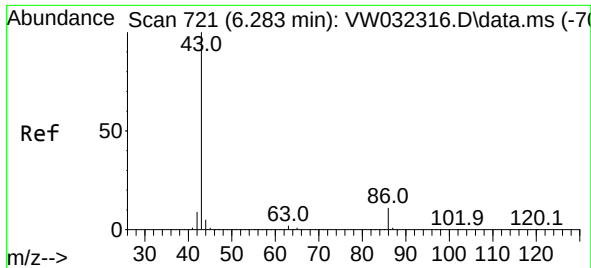
Tgt Ion: 96 Resp: 199315
Ion Ratio Lower Upper
96 100
61 127.6 112.5 168.7
98 62.5 54.2 81.4



#22
Diisopropyl ether
Concen: 50.103 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 45 Resp: 653260
Ion Ratio Lower Upper
45 100
43 55.6 51.4 77.2
87 28.0 25.9 38.9
59 11.7 10.1 15.1

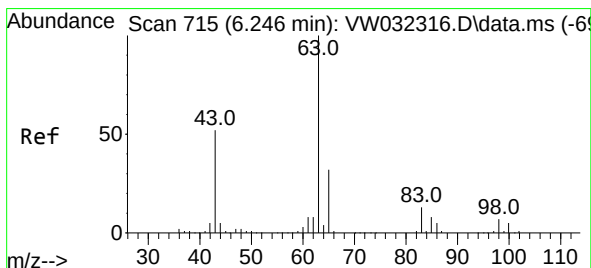
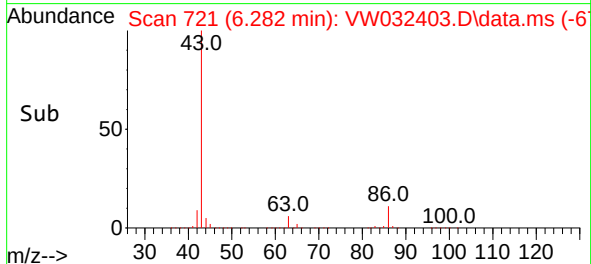
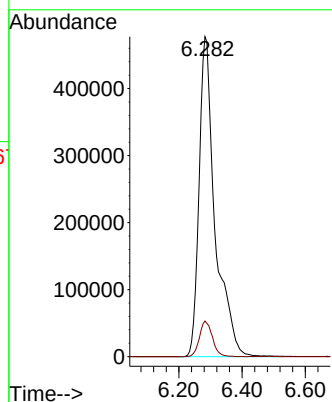
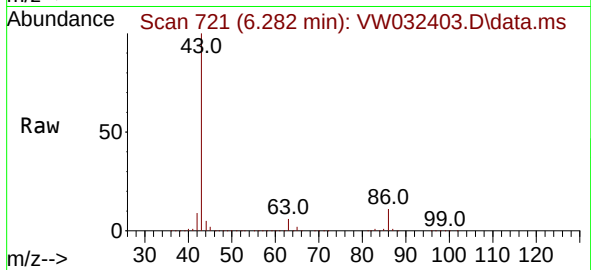




#23
 Vinyl Acetate
 Concen: 193.041 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

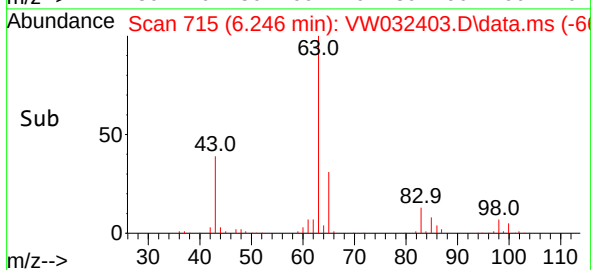
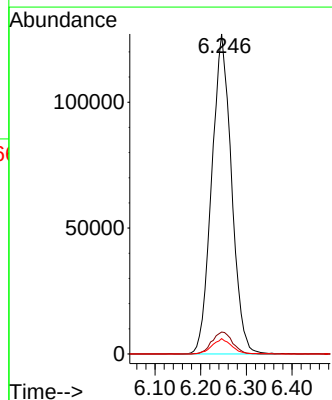
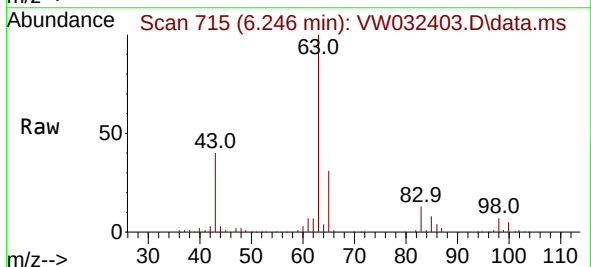
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

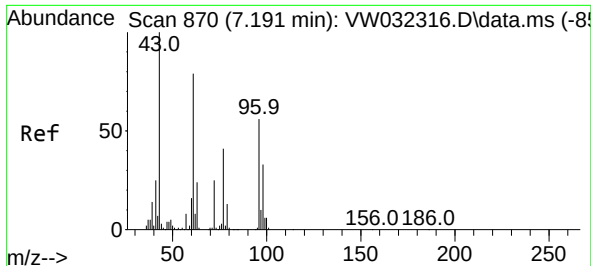
Tgt Ion: 43 Resp: 1681142
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 48.284 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

Tgt Ion: 63 Resp: 382473
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.8 2.5 7.5

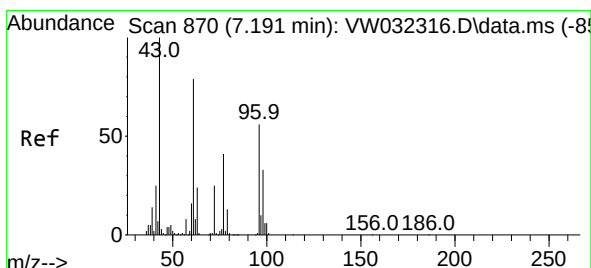
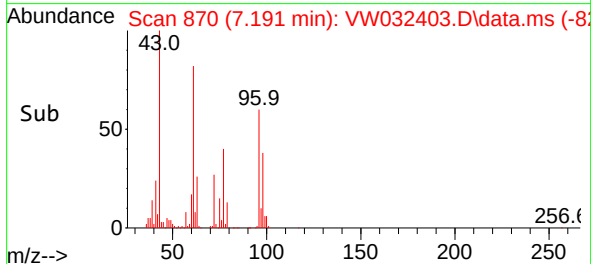
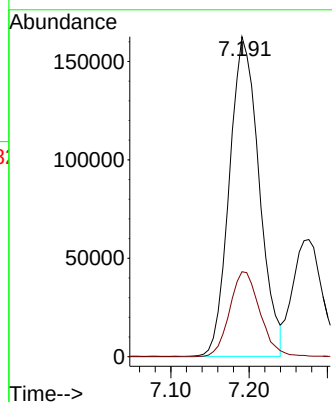
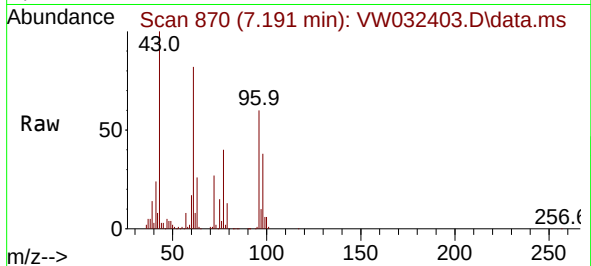




#25
2-Butanone
Concen: 237.024 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

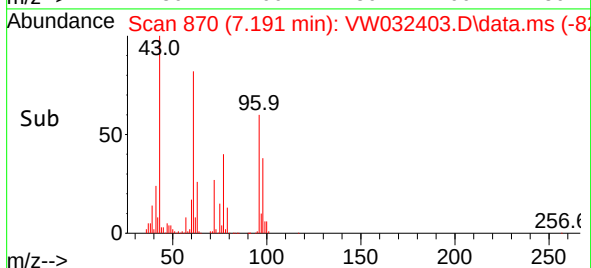
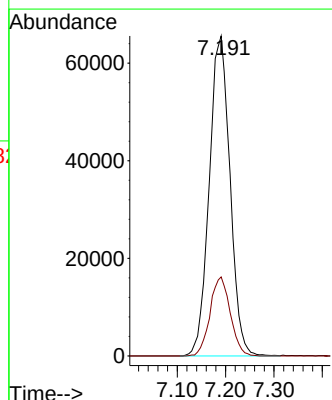
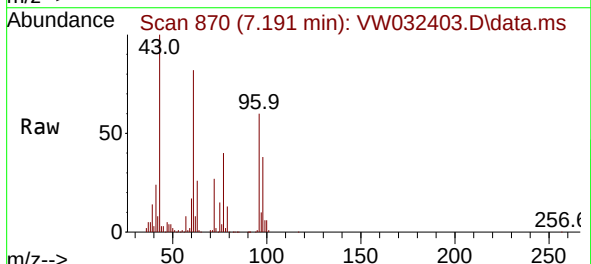
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

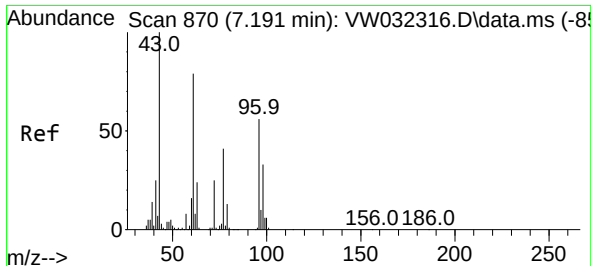
Tgt Ion: 43 Resp: 429377
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.277 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 77 Resp: 195611
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.759 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

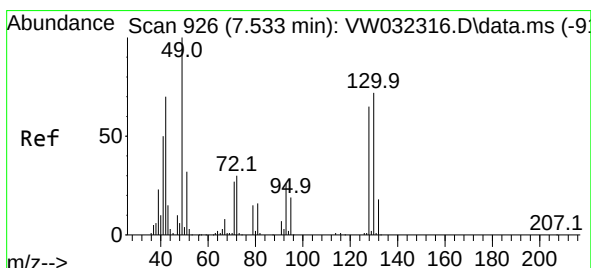
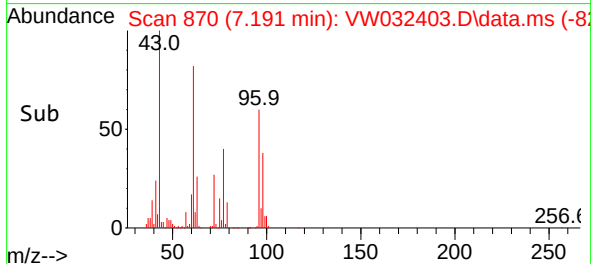
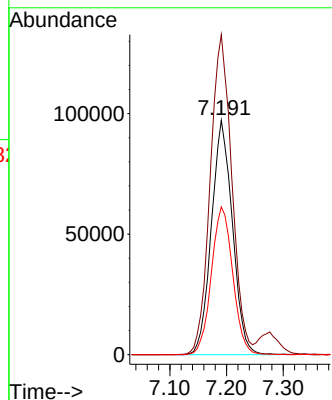
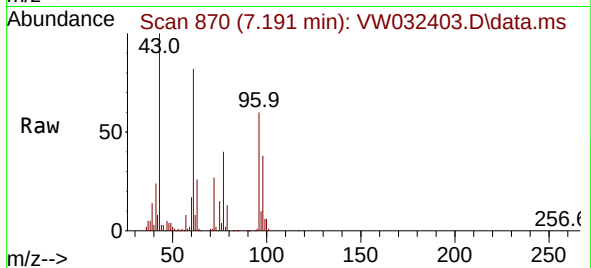
Tgt Ion: 96 Resp: 250591

Ion Ratio Lower Upper

96 100

61 140.3 0.0 268.0

98 64.1 0.0 130.8



#28

Bromochloromethane

Concen: 47.732 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

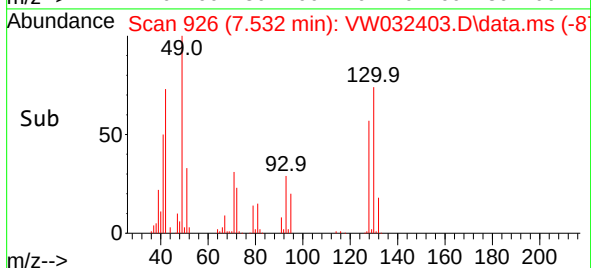
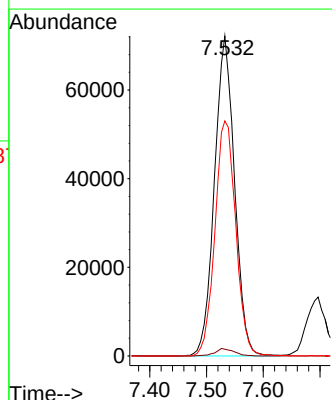
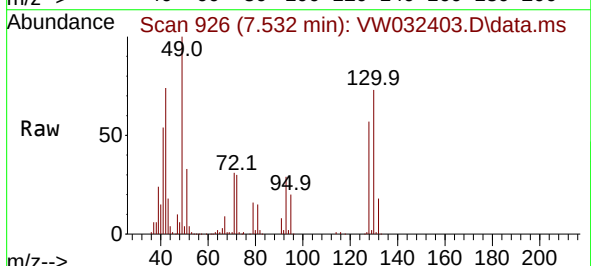
Tgt Ion: 49 Resp: 177888

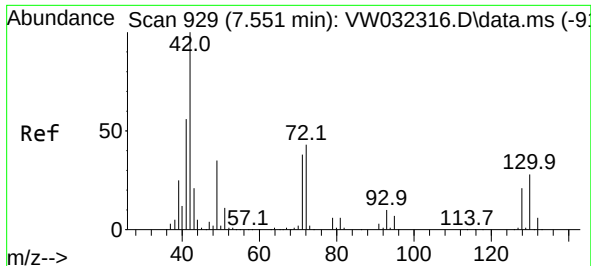
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 76.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 258.648 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

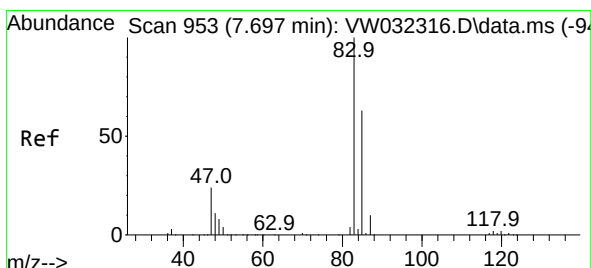
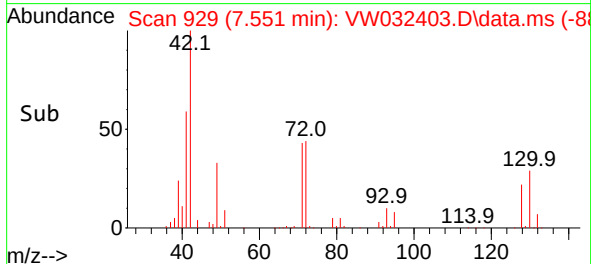
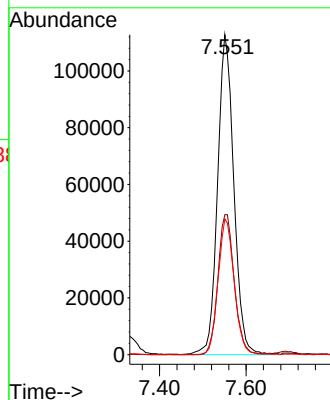
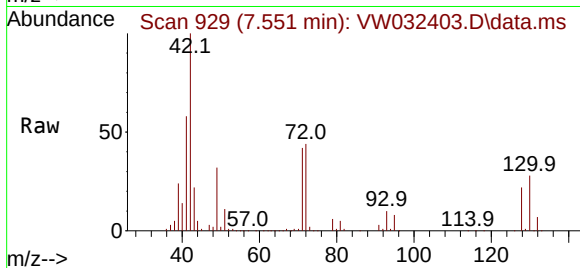
Tgt Ion: 42 Resp: 294656

Ion Ratio Lower Upper

42 100

72 43.9 37.4 56.2

71 42.1 36.0 54.0



#30

Chloroform

Concen: 49.819 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032403.D

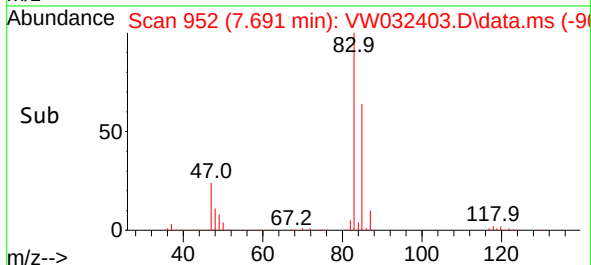
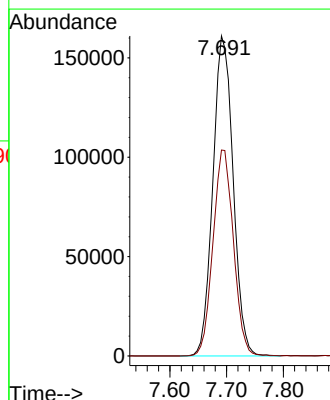
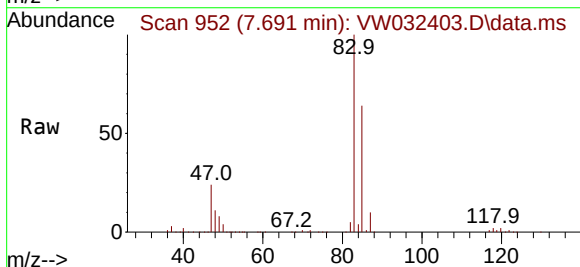
Acq: 20 Oct 2025 20:26

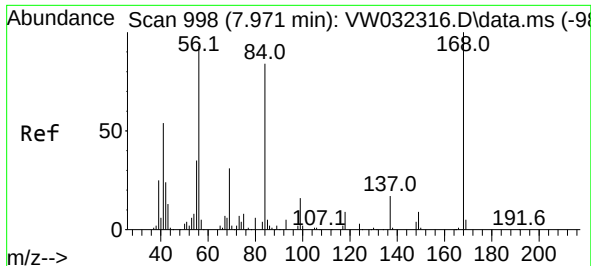
Tgt Ion: 83 Resp: 400224

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

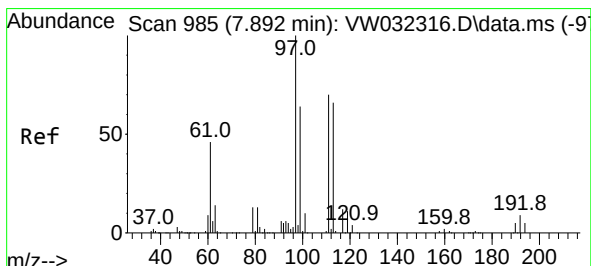
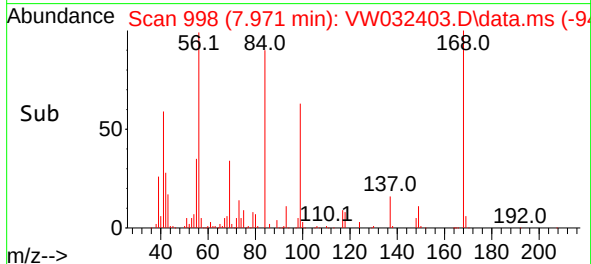
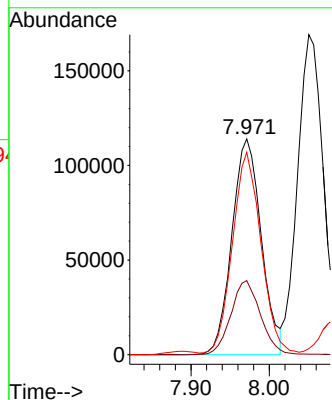
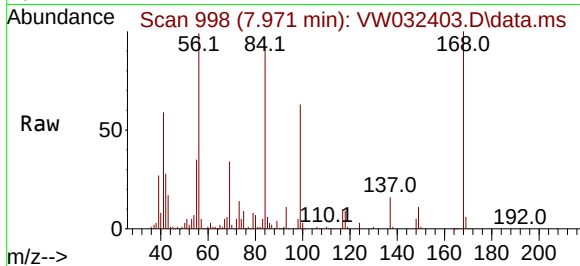




#31
Cyclohexane
Concen: 44.000 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

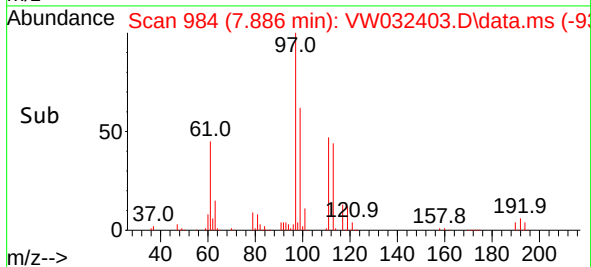
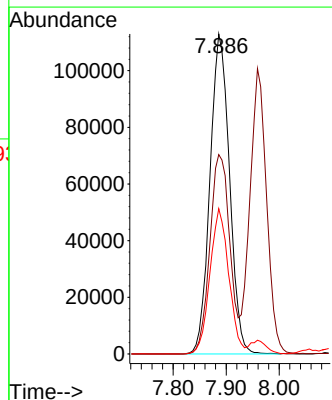
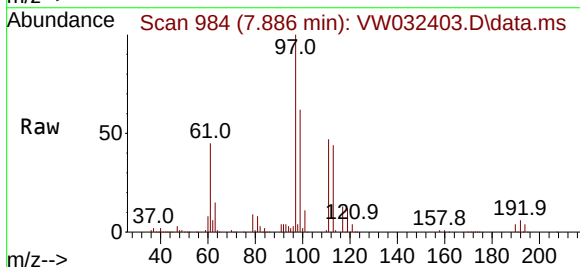
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

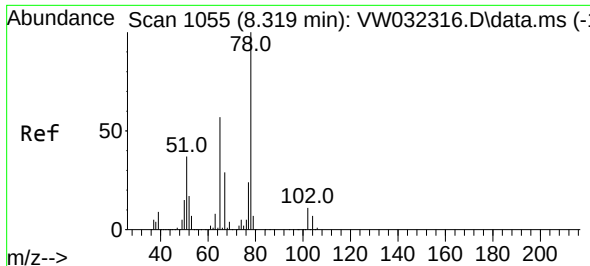
Tgt Ion: 56 Resp: 297551
Ion Ratio Lower Upper
56 100
69 34.3 27.7 41.5
84 92.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 50.784 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 97 Resp: 289097
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 43.9 36.2 54.4

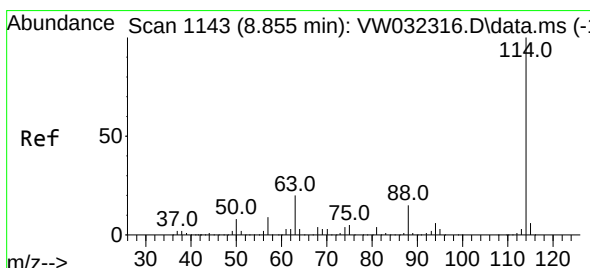
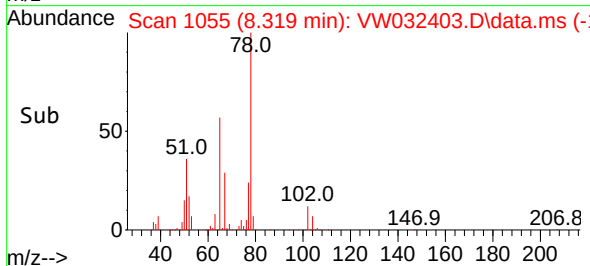
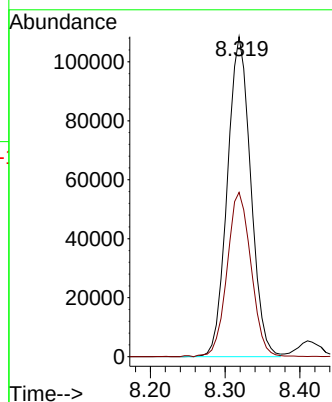
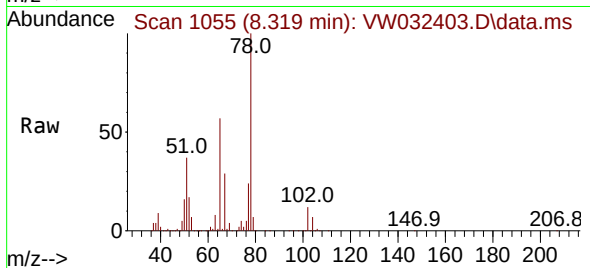




#33
 1,2-Dichloroethane-d4
 Concen: 49.128 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

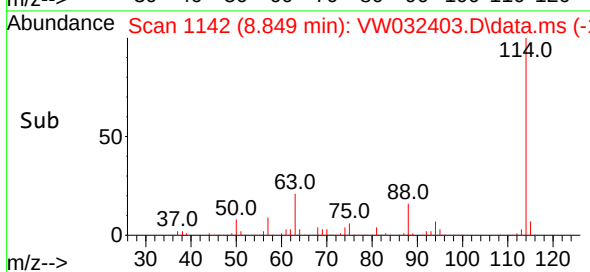
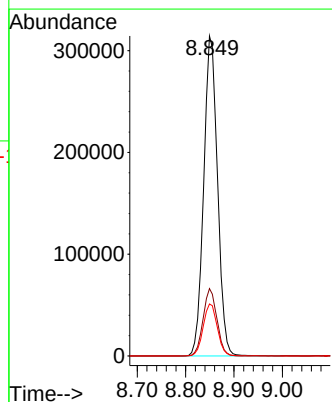
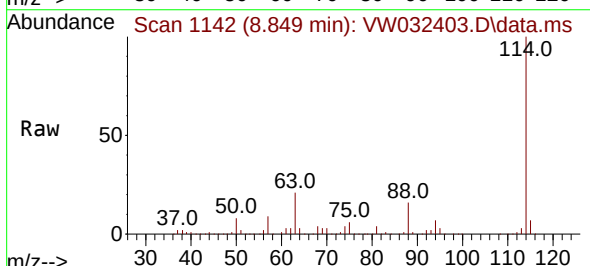
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

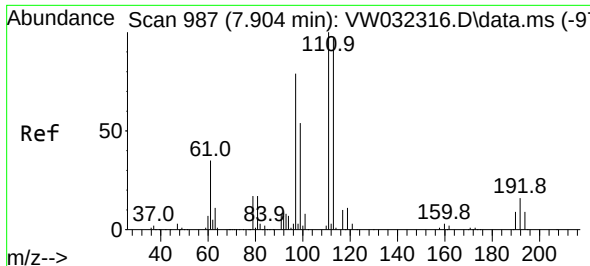
Tgt Ion: 65 Resp: 235996
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

Tgt Ion: 114 Resp: 624750
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.4
 88 16.3 0.0 32.0

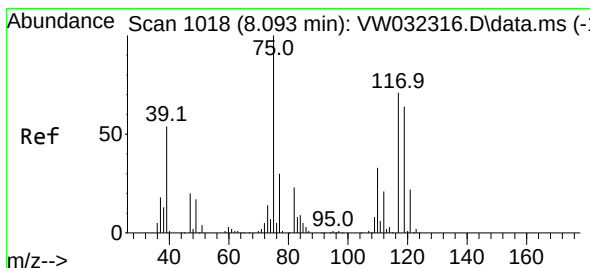
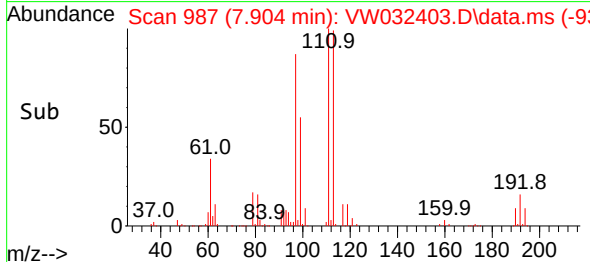
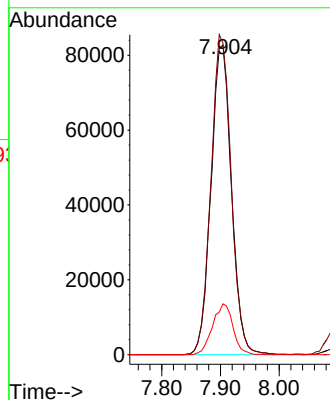
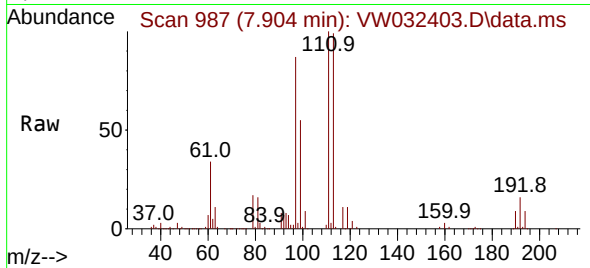




#35
Dibromofluoromethane
Concen: 49.439 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

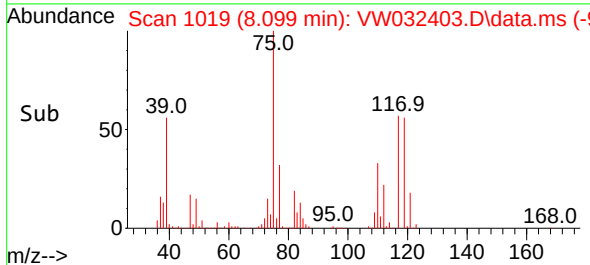
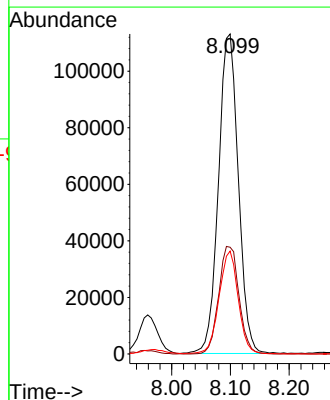
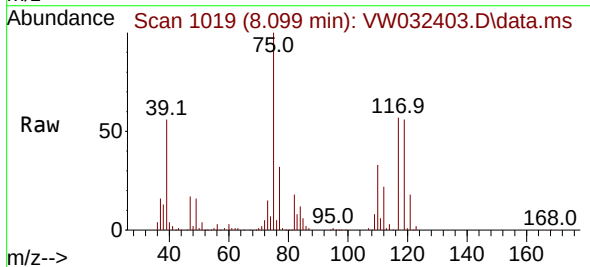
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

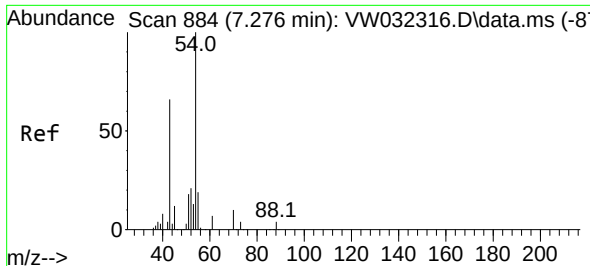
Tgt Ion:113 Resp: 200026
Ion Ratio Lower Upper
113 100
111 102.5 83.9 125.9
192 16.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 46.475 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 75 Resp: 265375
Ion Ratio Lower Upper
75 100
110 34.3 17.5 52.5
77 31.0 24.1 36.1





#37

Ethyl Acetate

Concen: 43.047 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

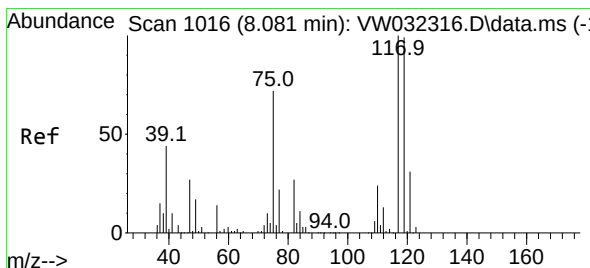
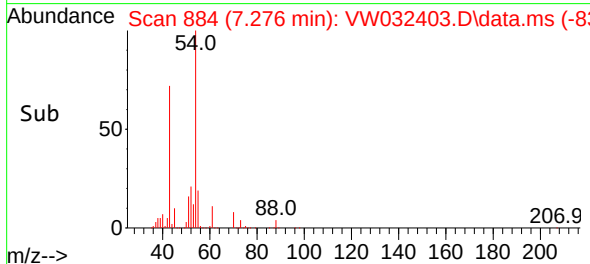
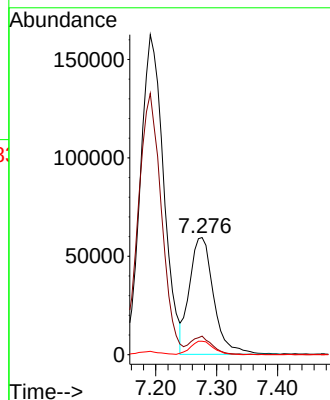
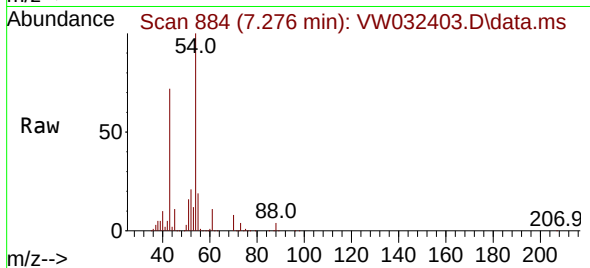
Tgt Ion: 43 Resp: 163606

Ion Ratio Lower Upper

43 100

61 14.0 11.3 16.9

70 10.9 8.9 13.3



#38

Carbon Tetrachloride

Concen: 48.538 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

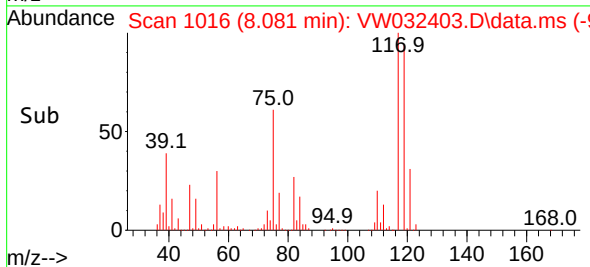
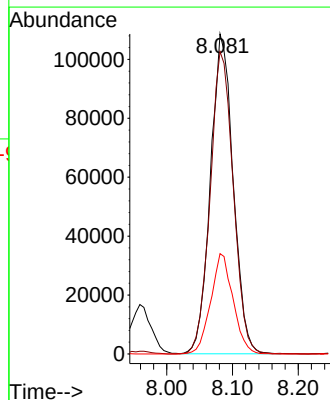
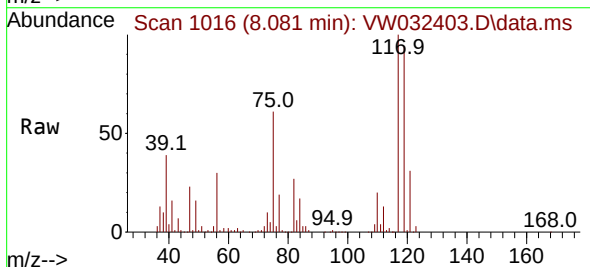
Tgt Ion: 117 Resp: 260805

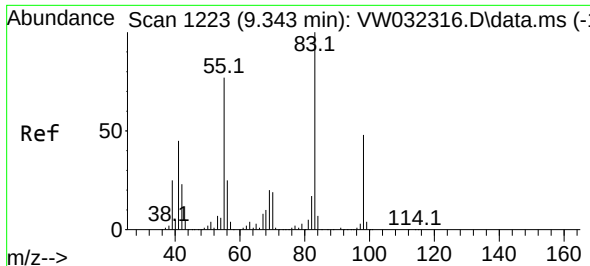
Ion Ratio Lower Upper

117 100

119 94.5 74.2 111.2

121 31.4 25.6 38.4





#39

Methylcyclohexane

Concen: 46.849 ug/l

RT: 9.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

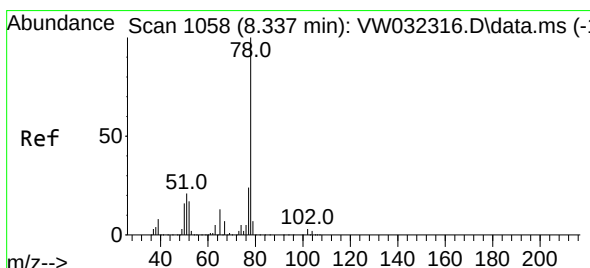
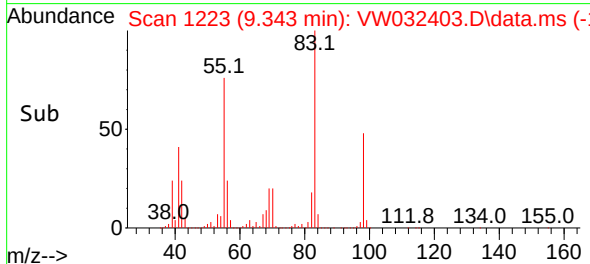
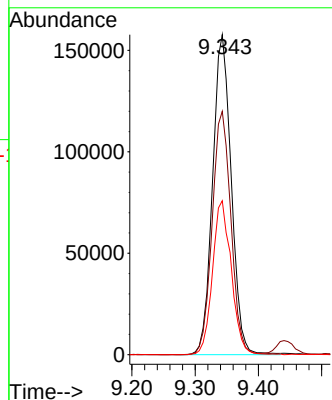
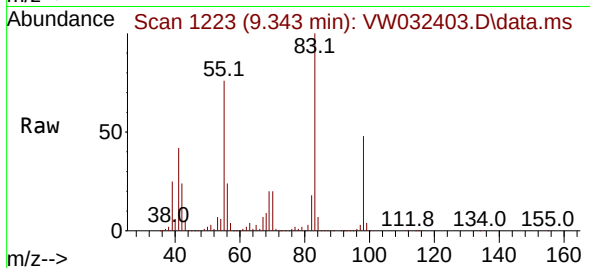
Tgt Ion: 83 Resp: 322676

Ion Ratio Lower Upper

83 100

55 76.0 58.4 87.6

98 48.1 39.4 59.2



#40

Benzene

Concen: 47.415 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032403.D

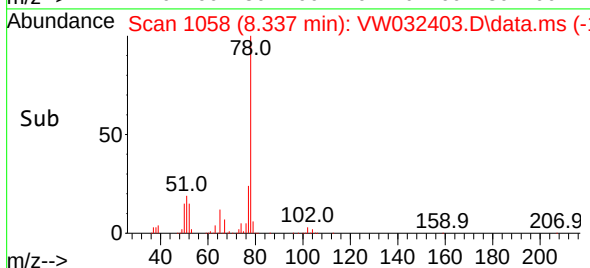
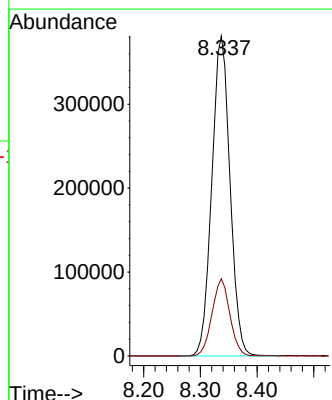
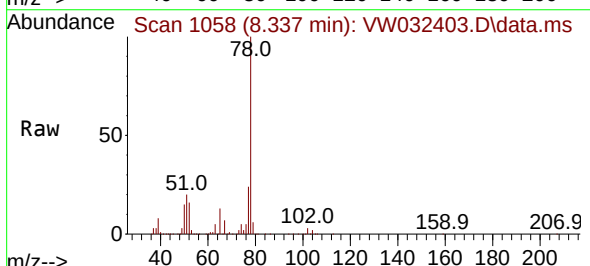
Acq: 20 Oct 2025 20:26

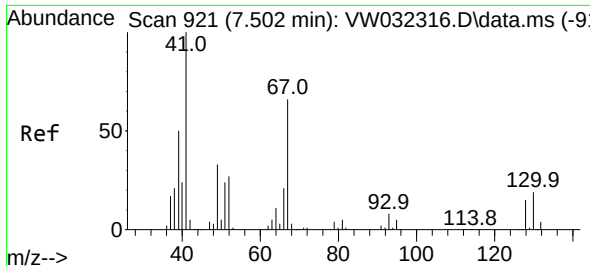
Tgt Ion: 78 Resp: 848630

Ion Ratio Lower Upper

78 100

77 24.1 20.7 31.1



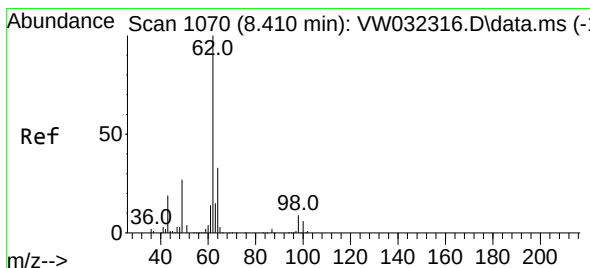
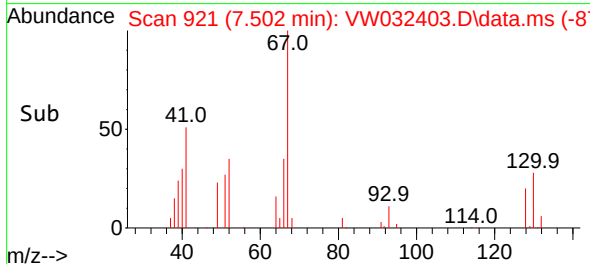
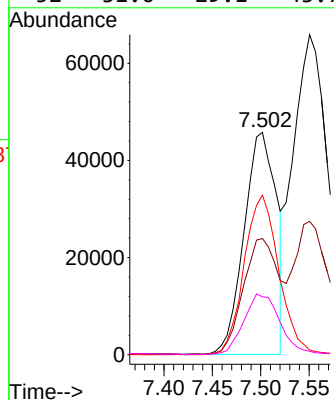
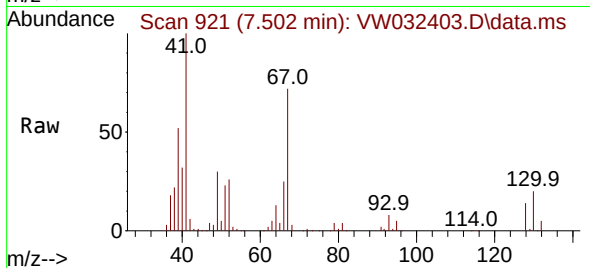


#41
Methacrylonitrile
Concen: 51.850 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 106201

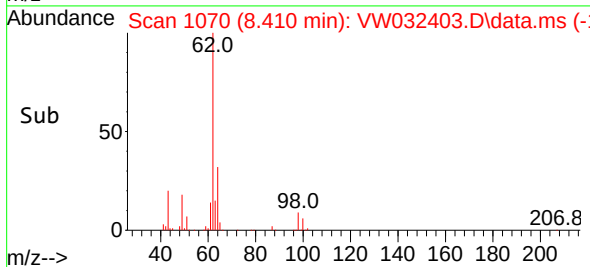
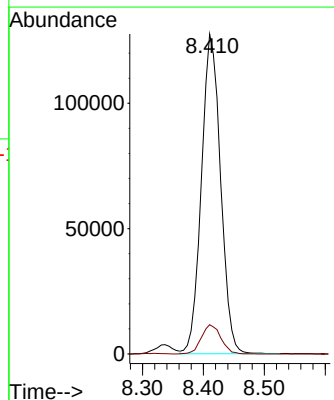
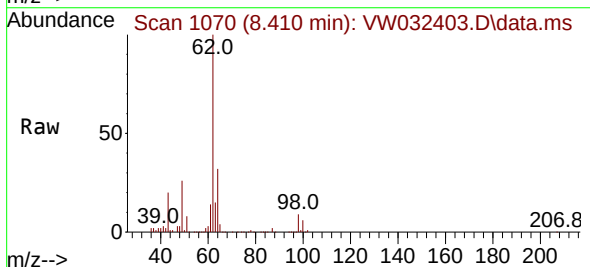
Ion	Ratio	Lower	Upper
41	100		
39	59.6	50.9	76.3
67	77.8	65.6	98.4
52	31.0	29.1	43.7

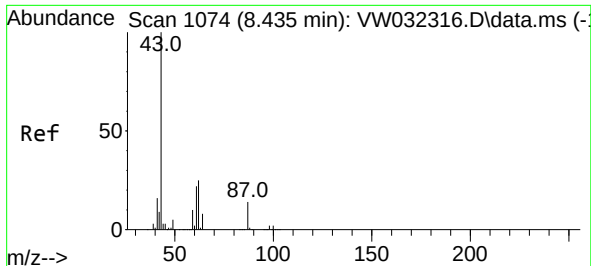


#42
1,2-Dichloroethane
Concen: 47.624 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 62 Resp: 278902

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

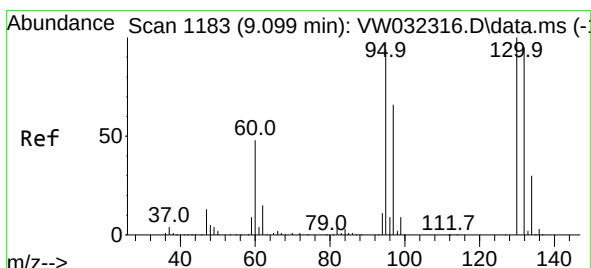
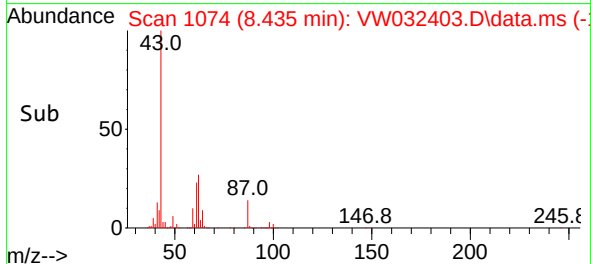
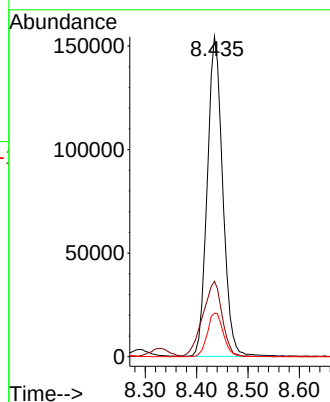
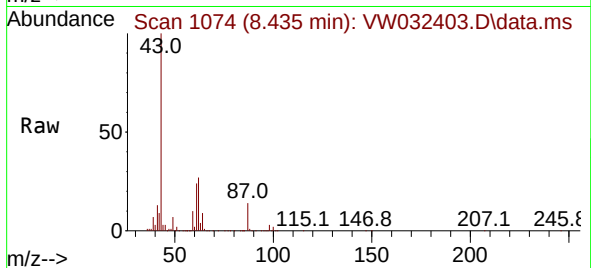




#43
Isopropyl Acetate
Concen: 47.737 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

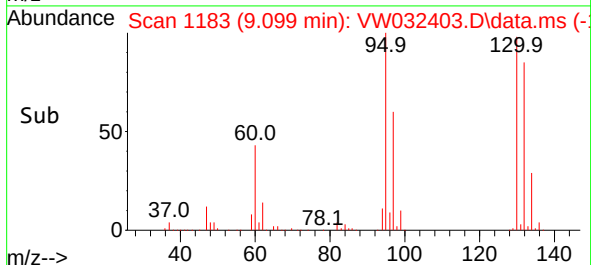
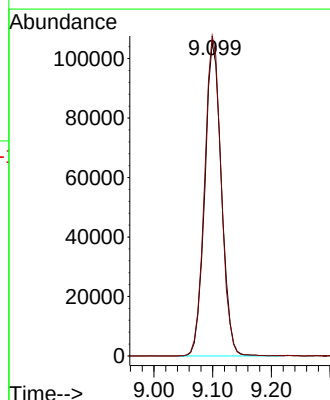
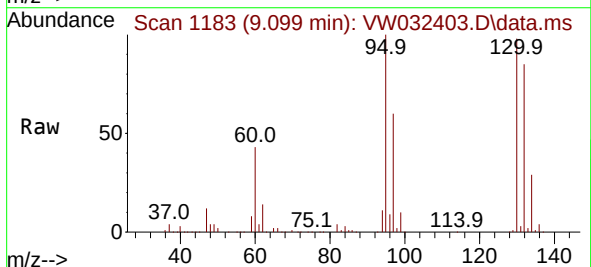
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

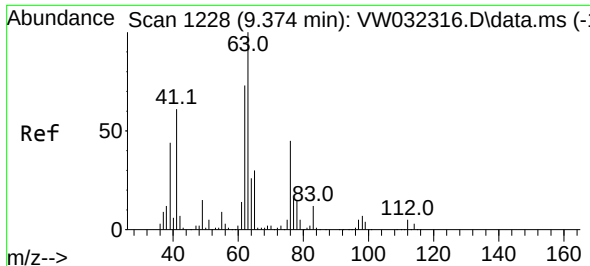
Tgt Ion: 43 Resp: 321857
Ion Ratio Lower Upper
43 100
61 29.9 23.3 34.9
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 49.606 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:130 Resp: 207888
Ion Ratio Lower Upper
130 100
95 102.1 0.0 220.0





#45

1,2-Dichloropropane

Concen: 47.694 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

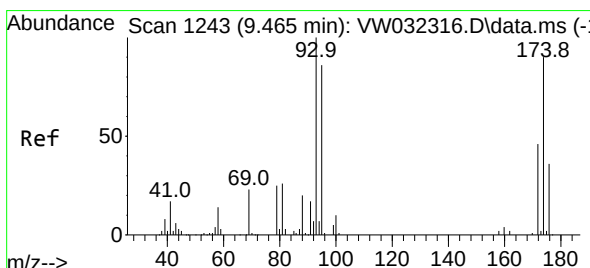
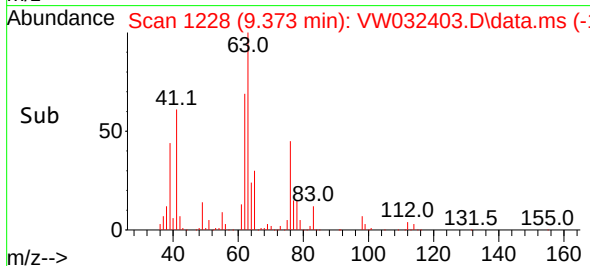
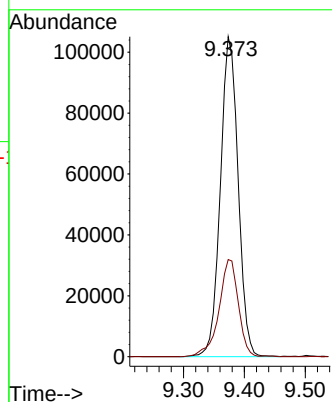
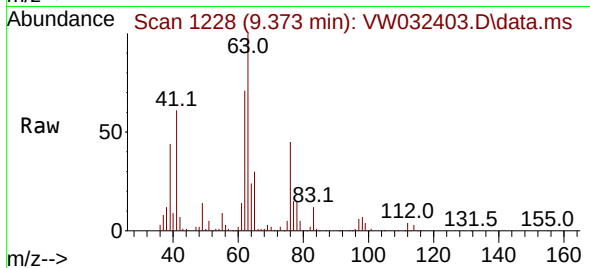
VSTDCCC050EC

Tgt Ion: 63 Resp: 213068

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



#46

Dibromomethane

Concen: 49.287 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

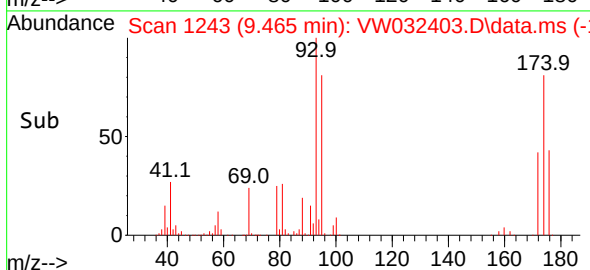
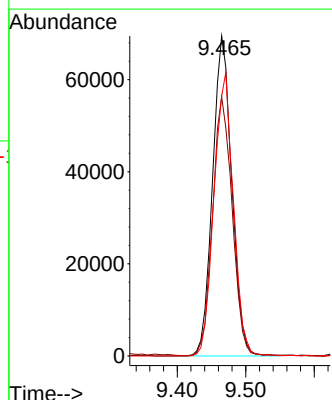
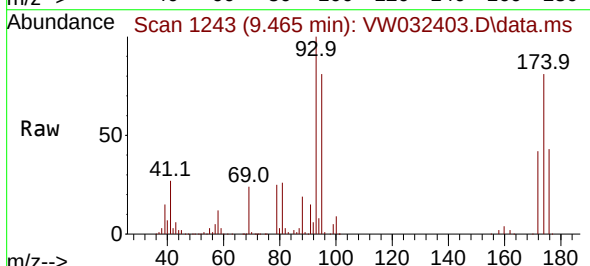
Tgt Ion: 93 Resp: 135394

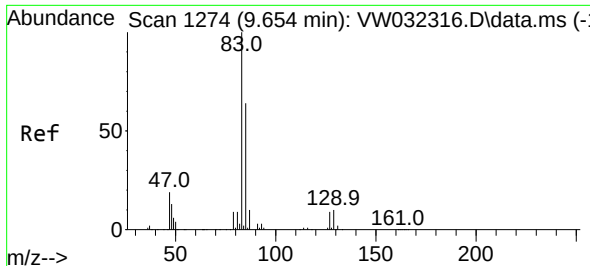
Ion Ratio Lower Upper

93 100

95 82.1 67.4 101.2

174 88.8 75.7 113.5

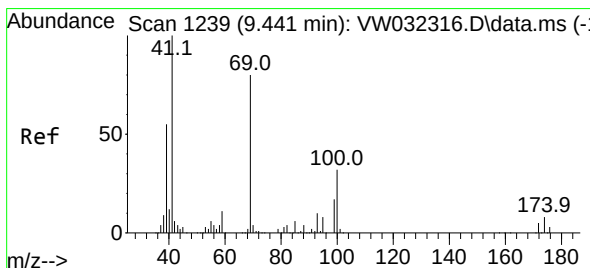
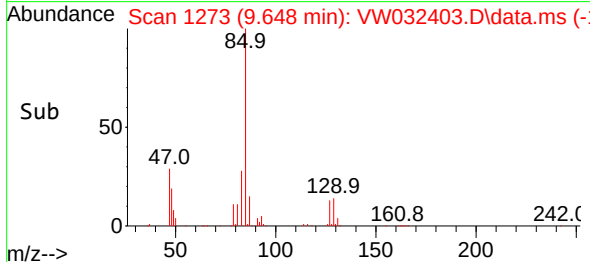
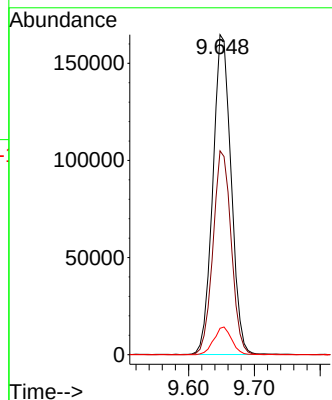
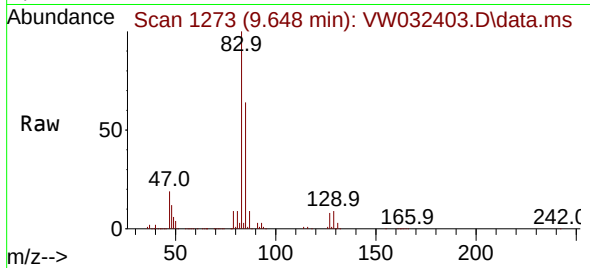




#47
Bromodichloromethane
Concen: 50.637 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

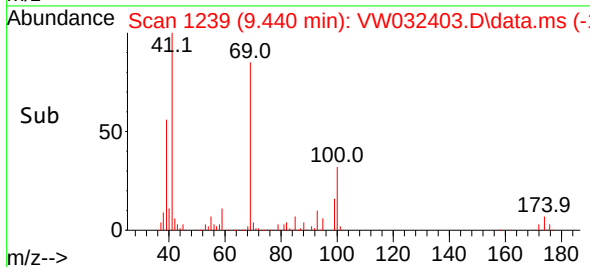
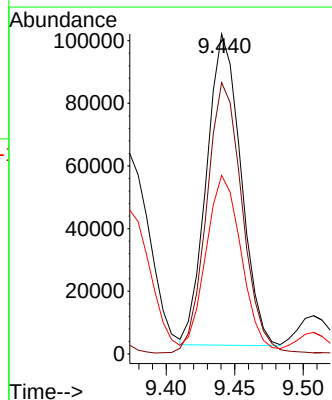
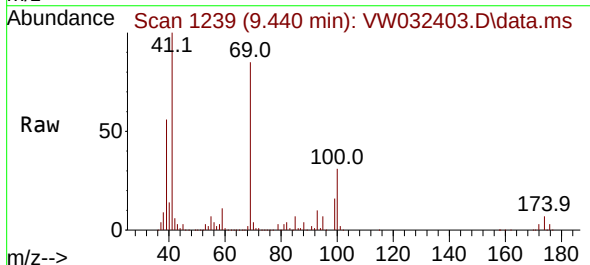
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

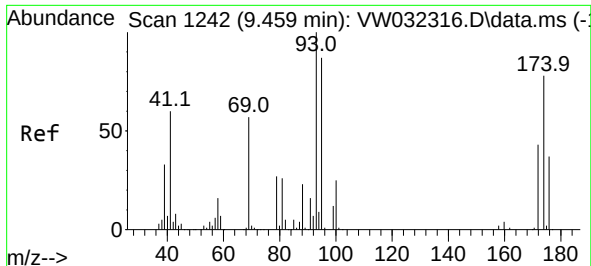
Tgt Ion: 83 Resp: 318159
Ion Ratio Lower Upper
83 100
85 63.7 48.7 73.1
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 52.751 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 41 Resp: 172922
Ion Ratio Lower Upper
41 100
69 91.3 71.5 107.3
39 59.9 55.9 83.9





#49

1,4-Dioxane

Concen: 1032.859 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

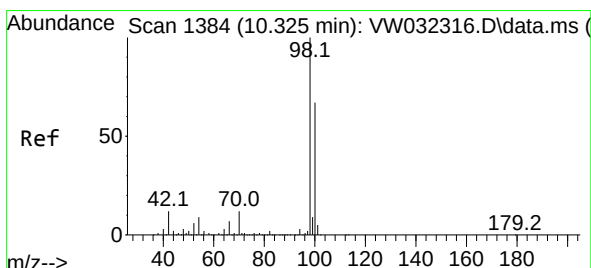
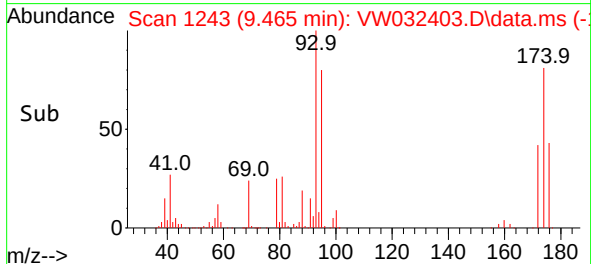
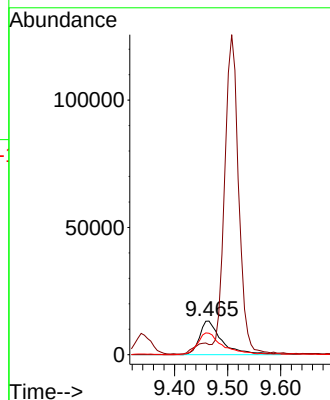
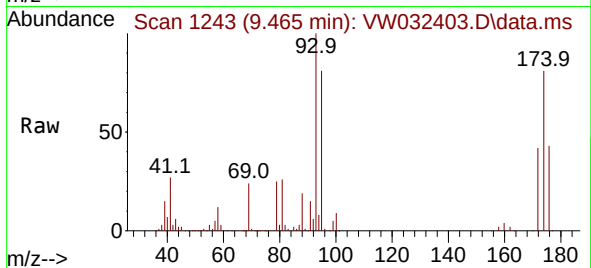
Tgt Ion: 88 Resp: 38781

Ion Ratio Lower Upper

88 100

43 23.0 18.0 27.0

58 70.8 55.4 83.0



#50

Toluene-d8

Concen: 48.583 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032403.D

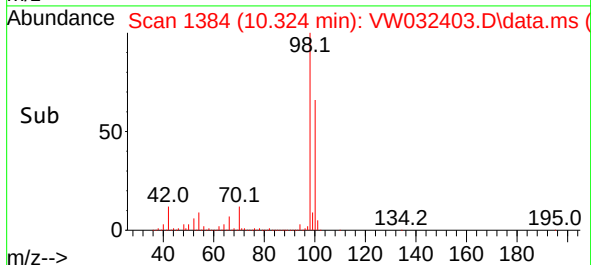
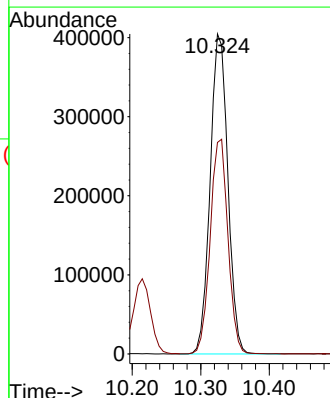
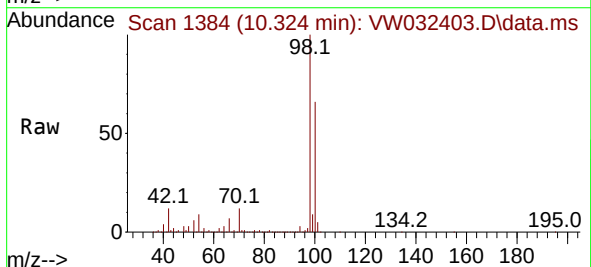
Acq: 20 Oct 2025 20:26

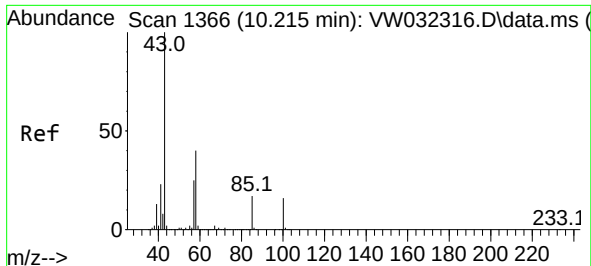
Tgt Ion: 98 Resp: 725477

Ion Ratio Lower Upper

98 100

100 67.2 51.4 77.2

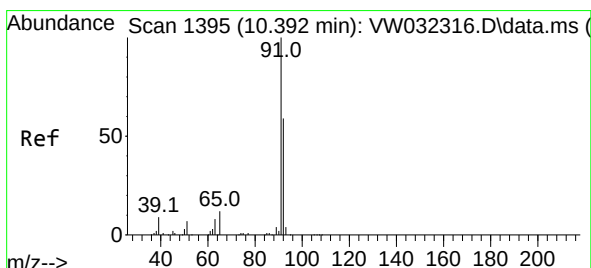
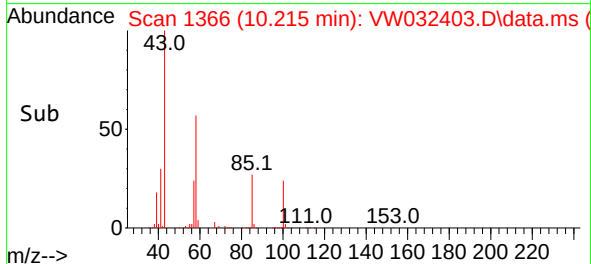
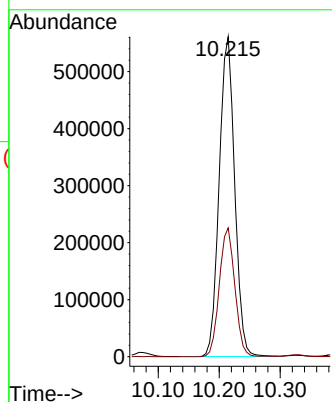
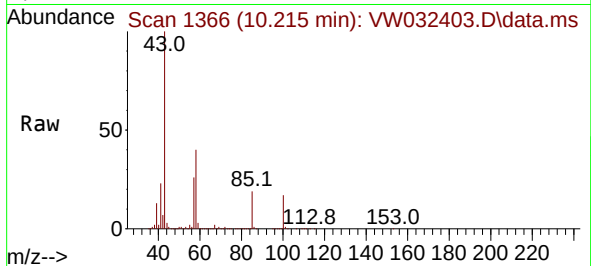




#51
4-Methyl-2-Pentanone
Concen: 253.831 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

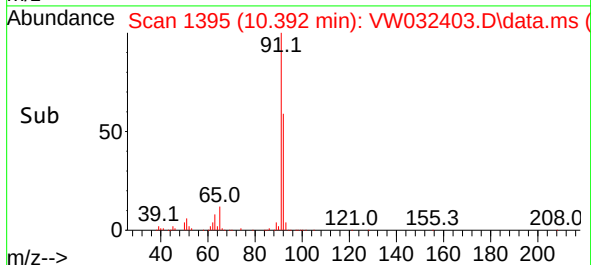
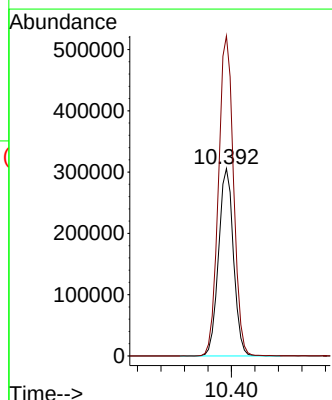
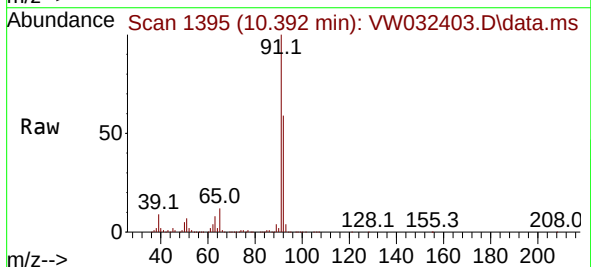
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

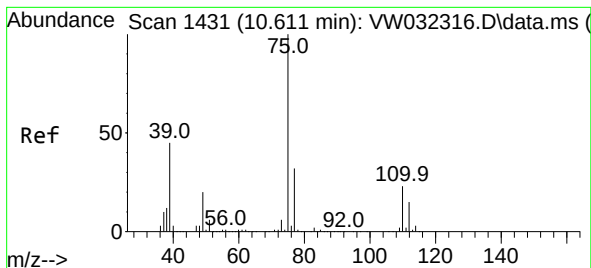
Tgt Ion: 43 Resp: 991245
Ion Ratio Lower Upper
43 100
58 40.4 32.0 48.0



#52
Toluene
Concen: 48.227 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 92 Resp: 537531
Ion Ratio Lower Upper
92 100
91 172.4 137.5 206.3

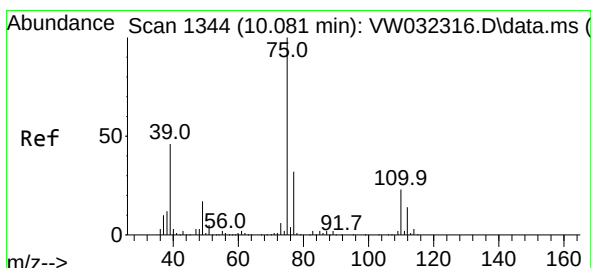
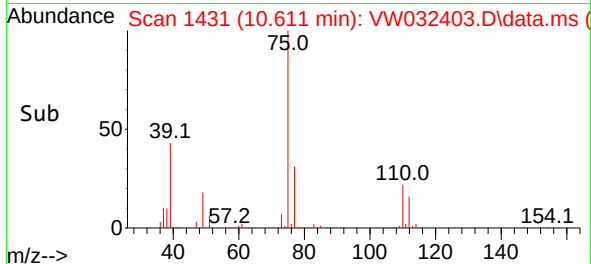
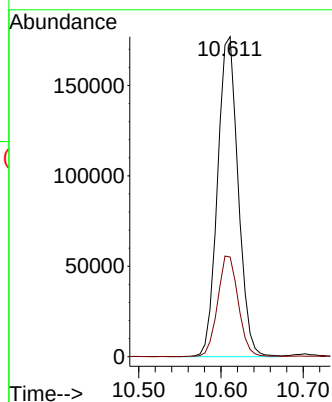
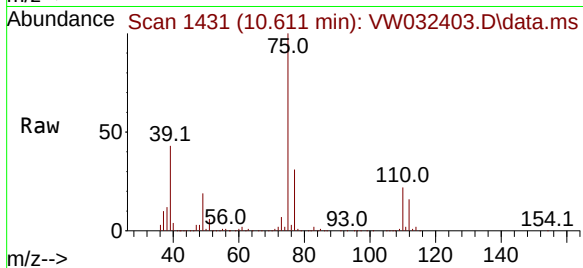




#53
 t-1,3-Dichloropropene
 Concen: 50.589 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

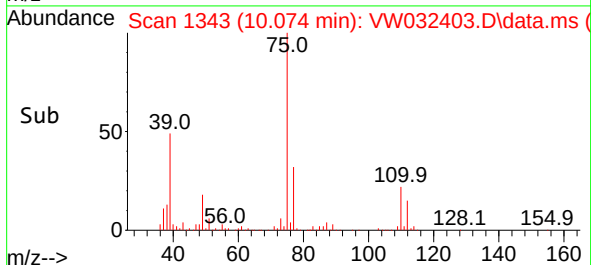
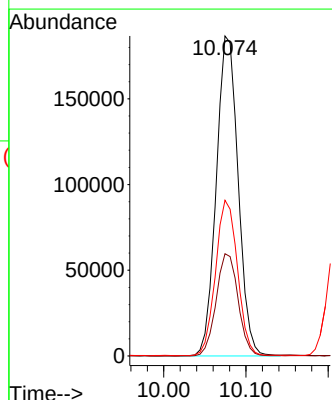
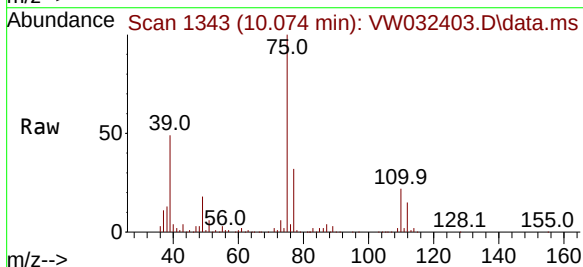
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

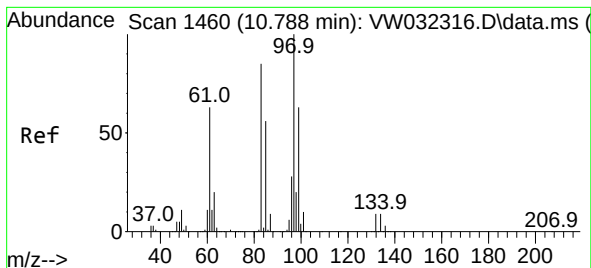
Tgt Ion: 75 Resp: 308373
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.197 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032403.D
 Acq: 20 Oct 2025 20:26

Tgt Ion: 75 Resp: 345442
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 48.5 43.2 64.8



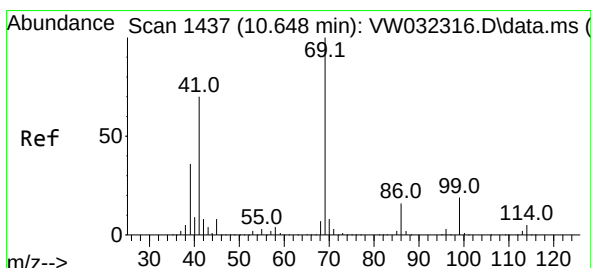
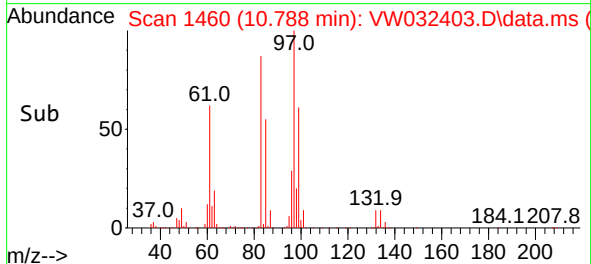
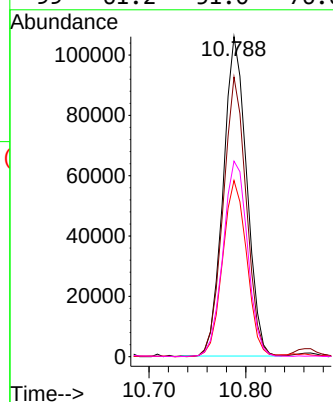
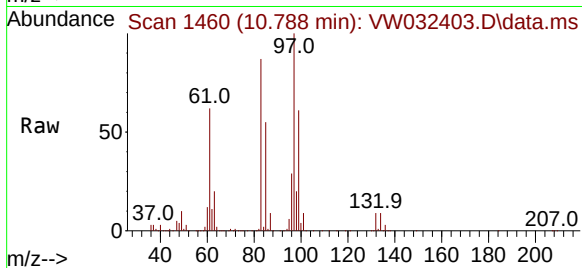


#55
1,1,2-Trichloroethane
Concen: 48.577 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 178352

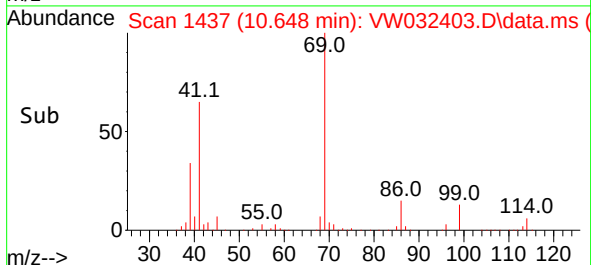
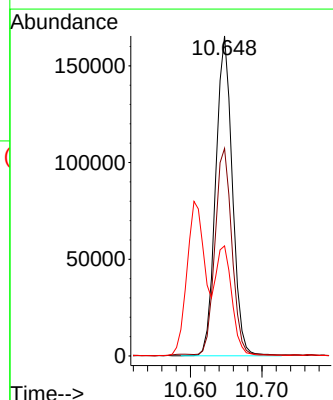
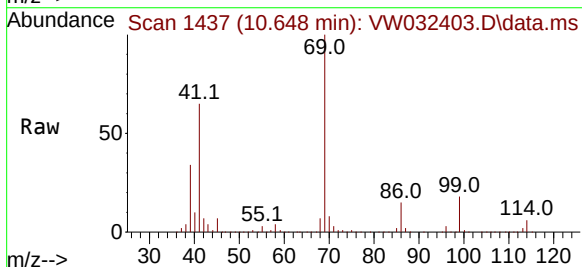
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.0	106.6
85	55.1	42.8	64.2
99	61.2	51.0	76.6

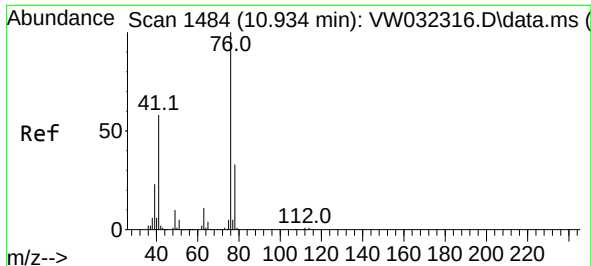


#56
Ethyl methacrylate
Concen: 51.893 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 69 Resp: 266677

Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.2	79.8
39	33.0	32.9	49.3





#57

1,3-Dichloropropane

Concen: 49.632 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

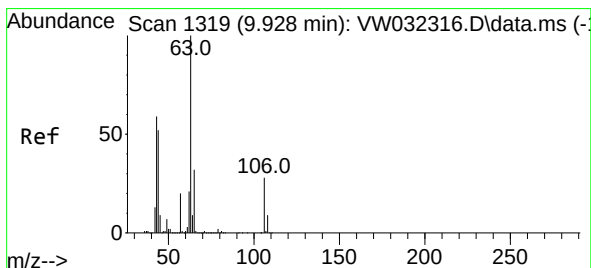
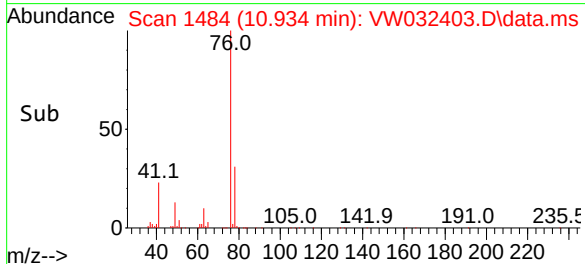
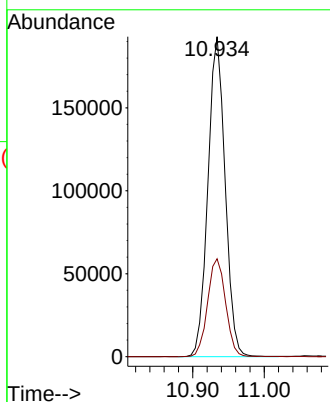
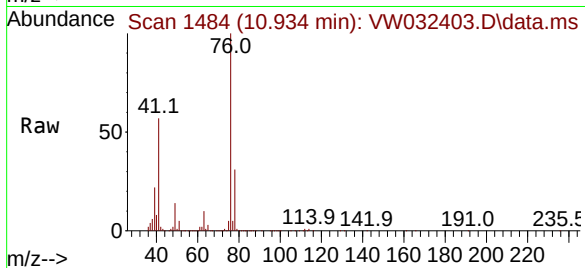
VSTDCCC050EC

Tgt Ion: 76 Resp: 321843

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.642 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032403.D

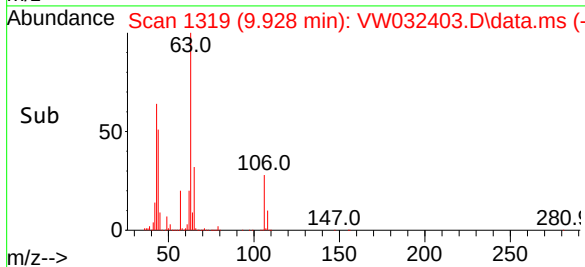
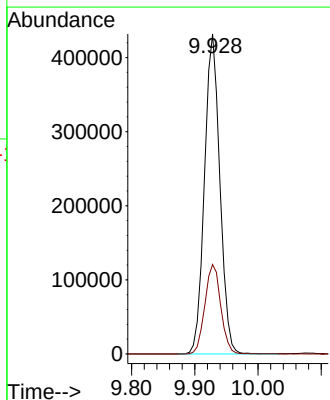
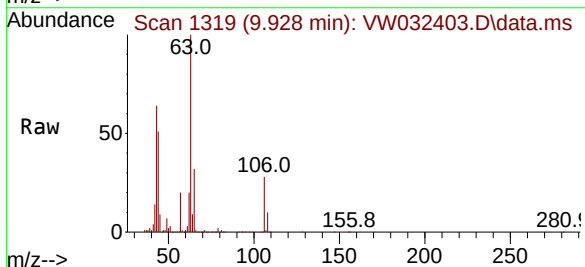
Acq: 20 Oct 2025 20:26

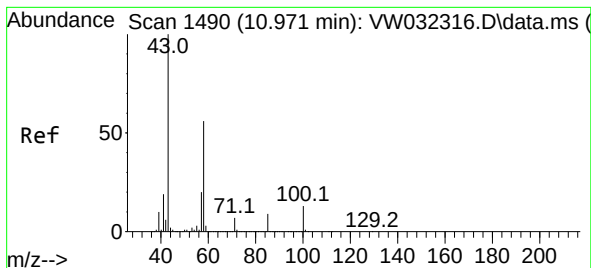
Tgt Ion: 63 Resp: 731987

Ion Ratio Lower Upper

63 100

106 28.8 24.3 36.5

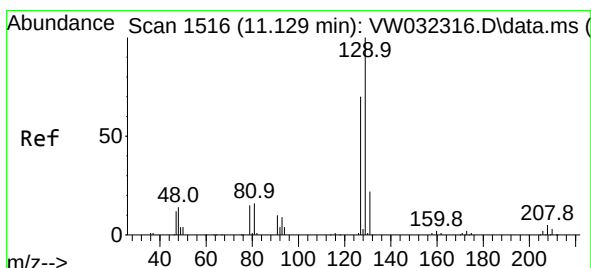
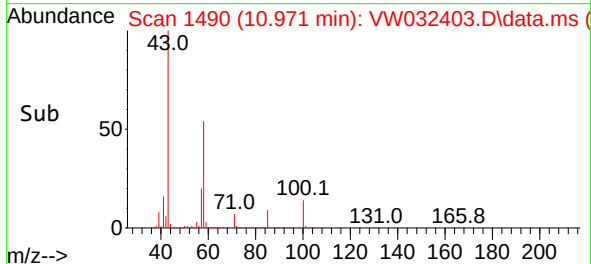
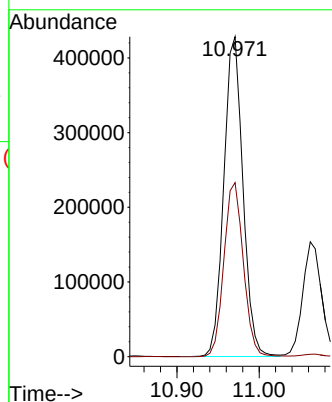
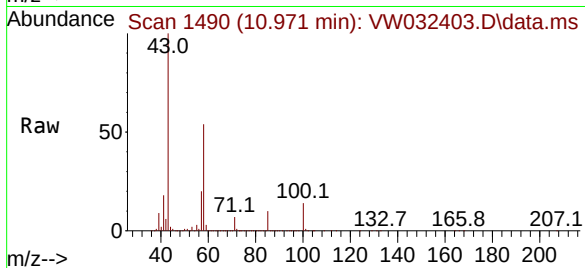




#59
2-Hexanone
Concen: 251.559 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

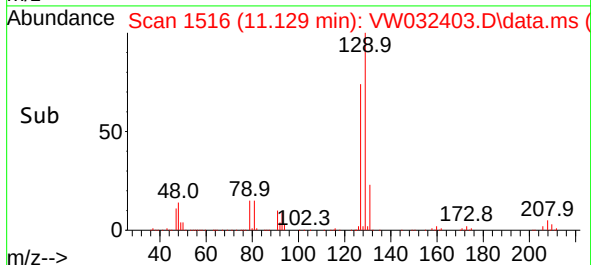
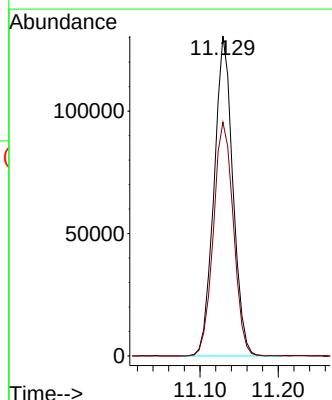
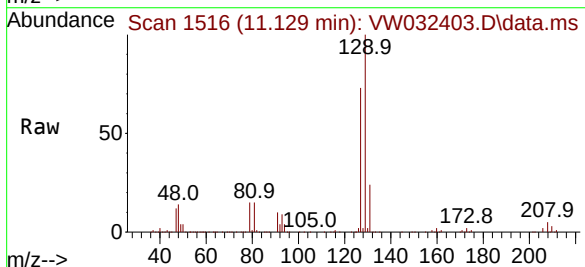
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

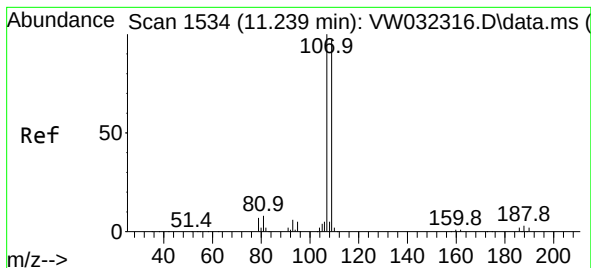
Tgt Ion: 43 Resp: 692852
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4



#60
Dibromochloromethane
Concen: 52.370 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 129 Resp: 218326
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.603 ug/l

RT: 11.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

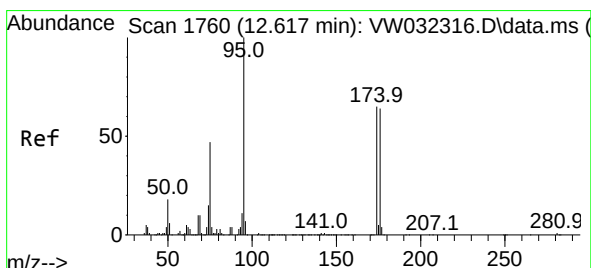
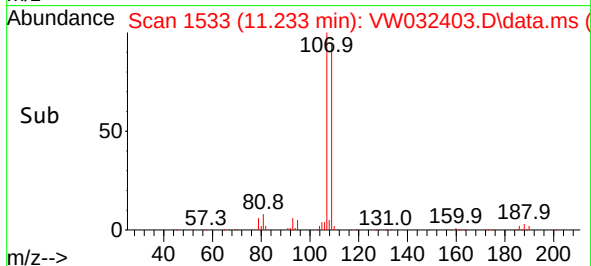
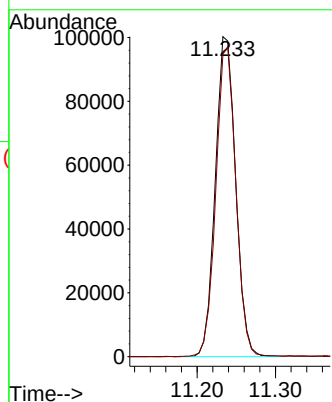
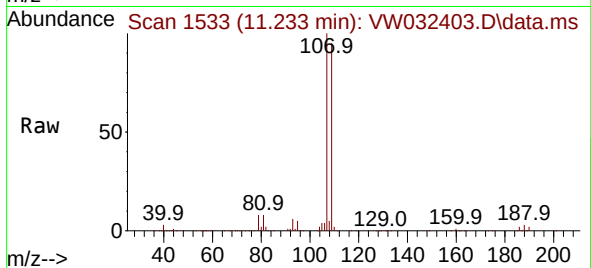
VSTDCCC050EC

Tgt Ion:107 Resp: 181160

Ion Ratio Lower Upper

107 100

109 95.5 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 50.501 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

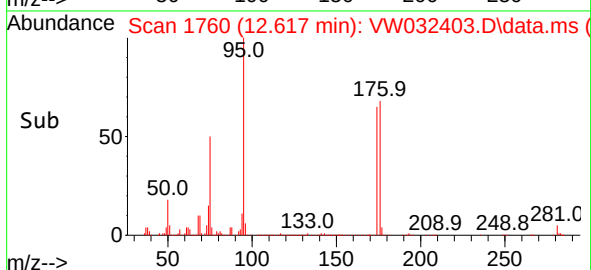
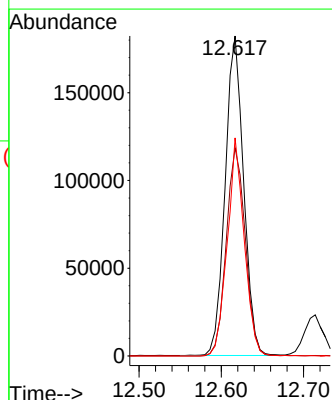
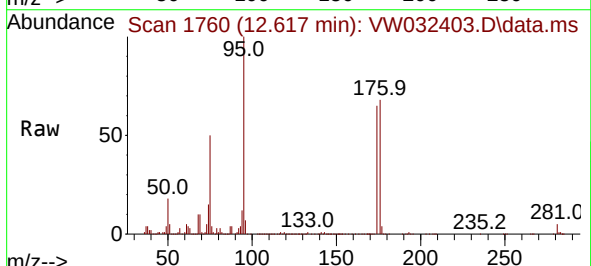
Tgt Ion: 95 Resp: 285033

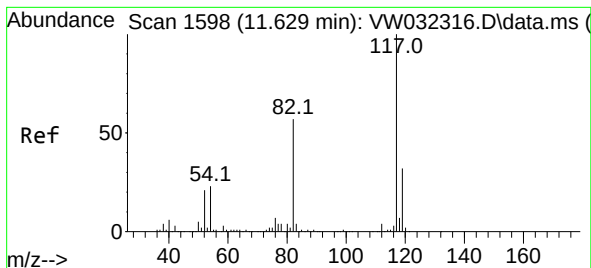
Ion Ratio Lower Upper

95 100

174 67.2 0.0 145.6

176 63.0 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

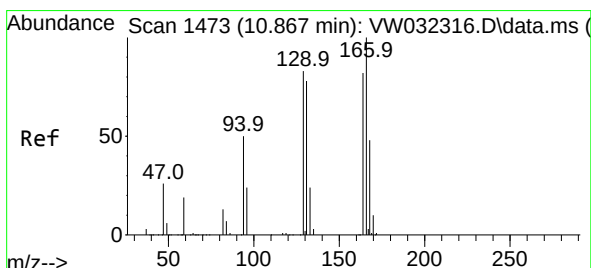
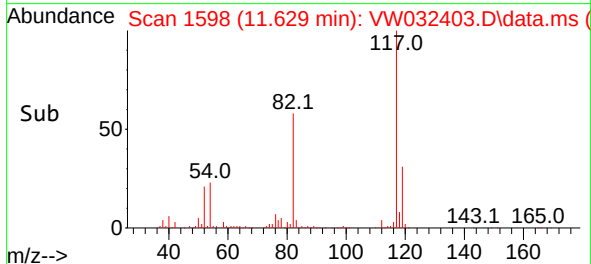
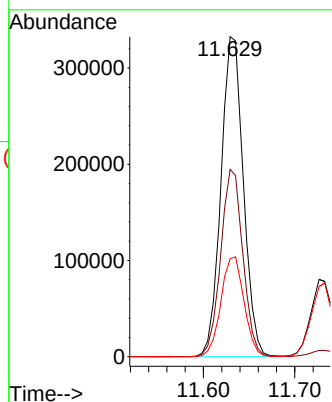
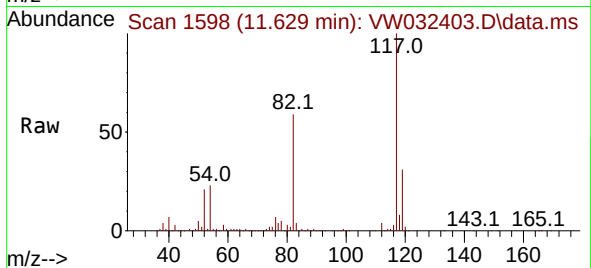
Tgt Ion:117 Resp: 566907

Ion Ratio Lower Upper

117 100

82 58.5 42.7 64.1

119 30.6 25.2 37.8



#64

Tetrachloroethene

Concen: 53.802 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Tgt Ion:164 Resp: 182506

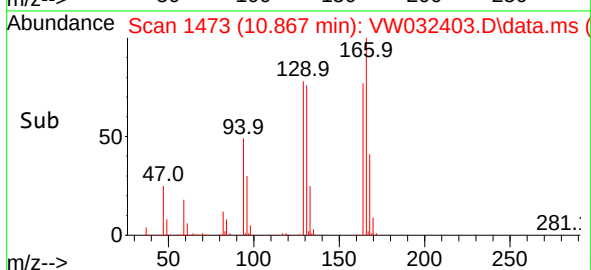
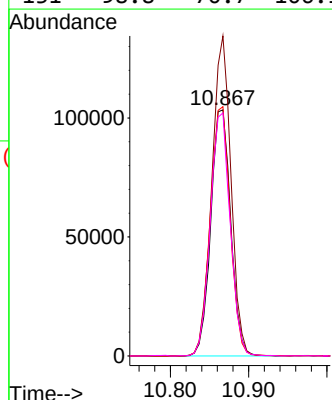
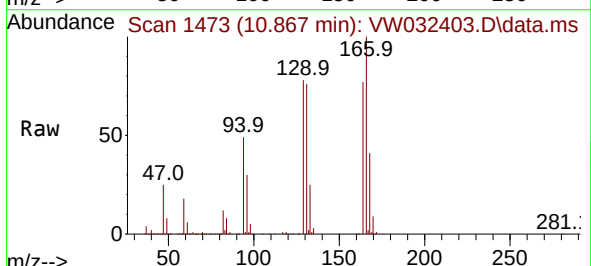
Ion Ratio Lower Upper

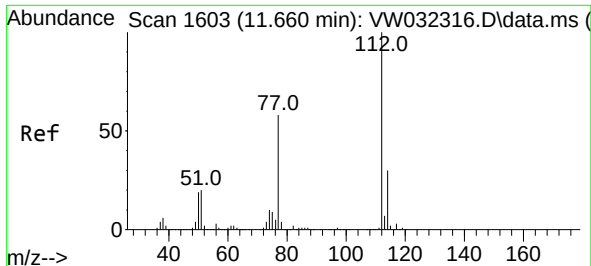
164 100

166 130.1 97.5 146.3

129 101.3 71.2 106.8

131 98.8 70.7 106.1

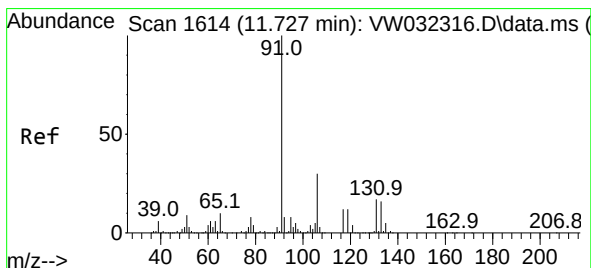
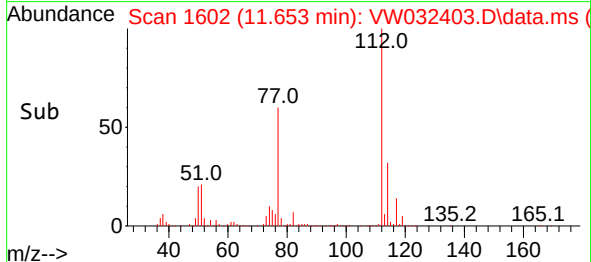
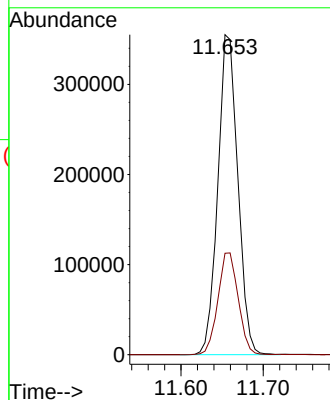
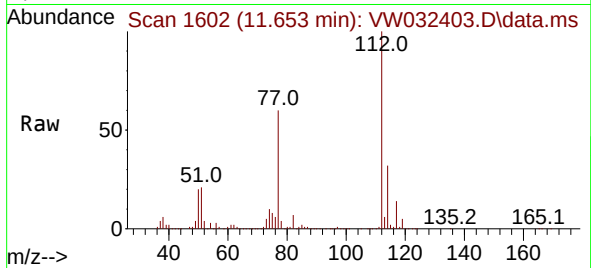




#65
Chlorobenzene
Concen: 48.182 ug/l
RT: 11.653 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

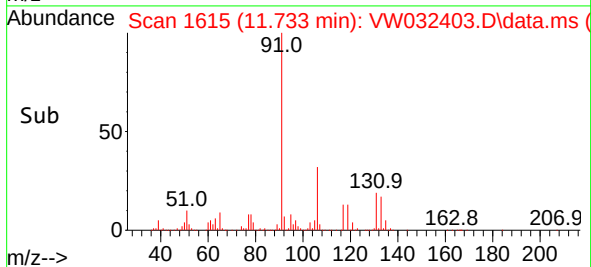
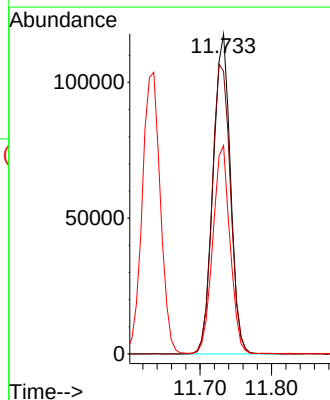
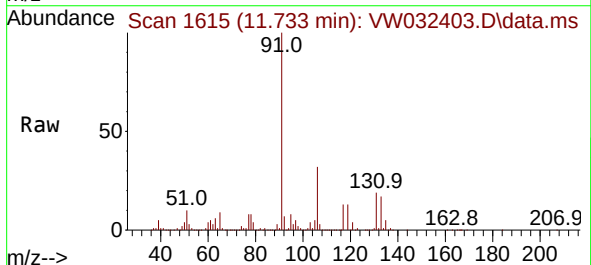
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

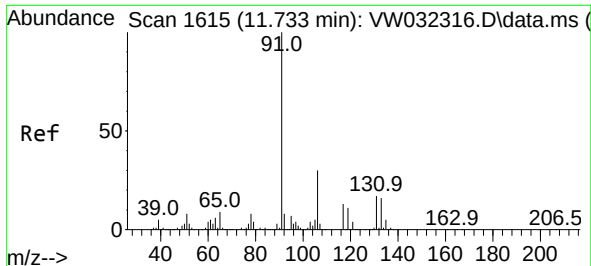
Tgt Ion:112 Resp: 600994
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.067 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:131 Resp: 198398
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 64.4 32.8 98.3





#67

Ethyl Benzene

Concen: 49.492 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

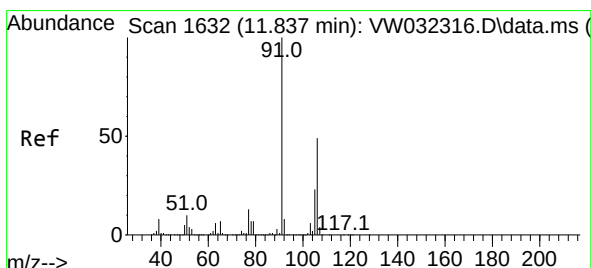
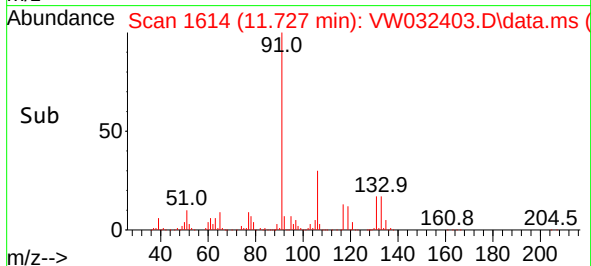
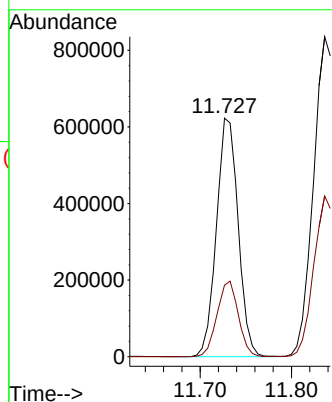
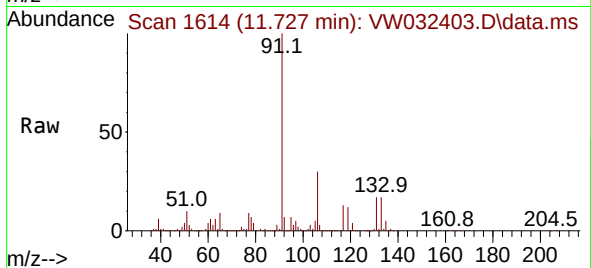
VSTDCCC050EC

Tgt Ion: 91 Resp: 1029024

Ion Ratio Lower Upper

91 100

106 30.0 25.3 37.9



#68

m/p-Xylenes

Concen: 97.516 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032403.D

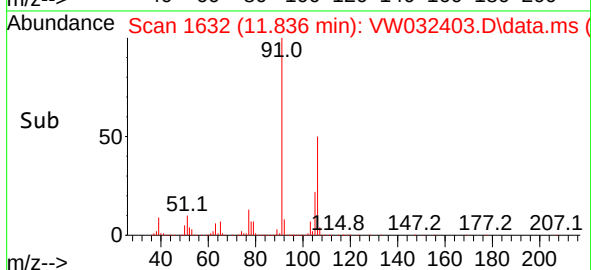
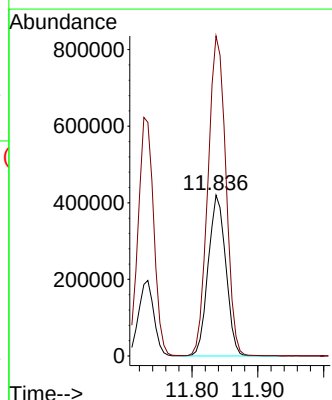
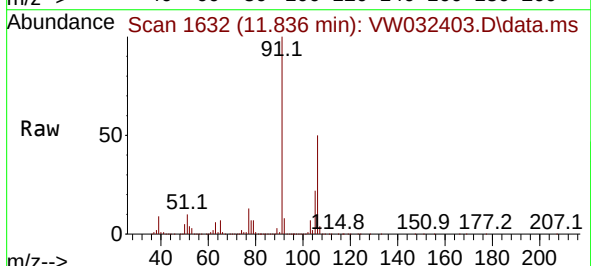
Acq: 20 Oct 2025 20:26

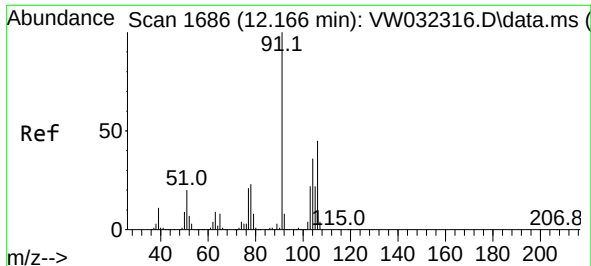
Tgt Ion:106 Resp: 781826

Ion Ratio Lower Upper

106 100

91 202.7 164.2 246.2

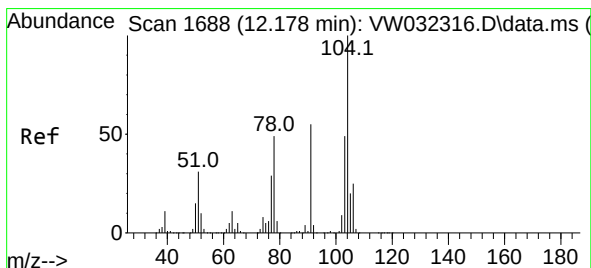
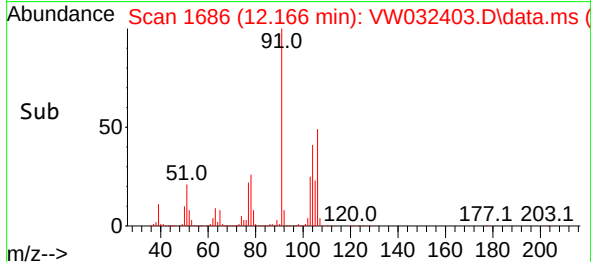
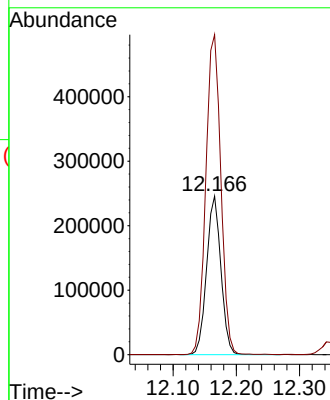
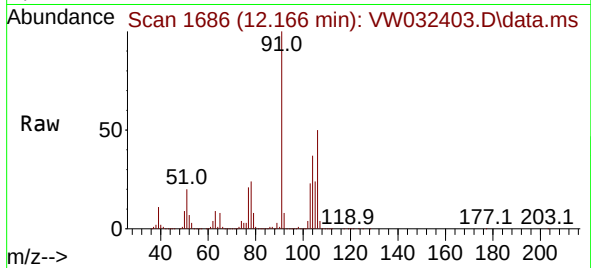




#69
o-Xylene
Concen: 51.627 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

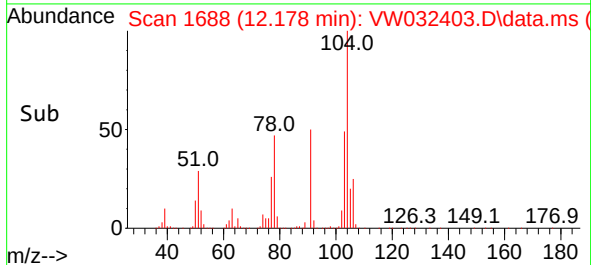
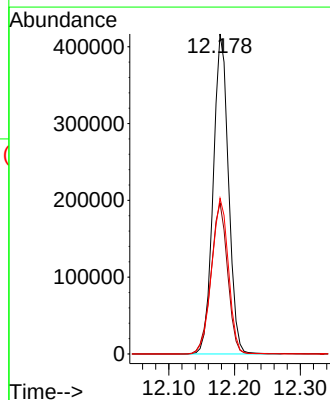
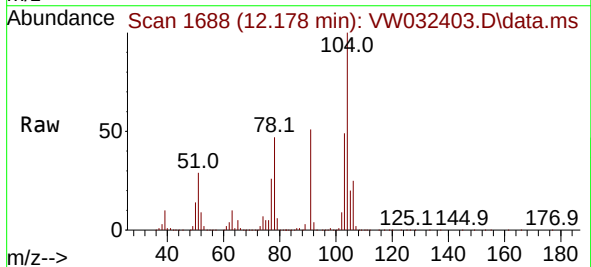
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

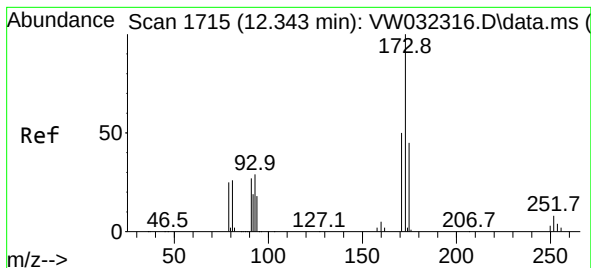
Tgt Ion:106 Resp: 387082
Ion Ratio Lower Upper
106 100
91 211.5 108.7 326.3



#70
Styrene
Concen: 51.485 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:104 Resp: 673970
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 53.4 44.8 67.2





#71

Bromoform

Concen: 55.368 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

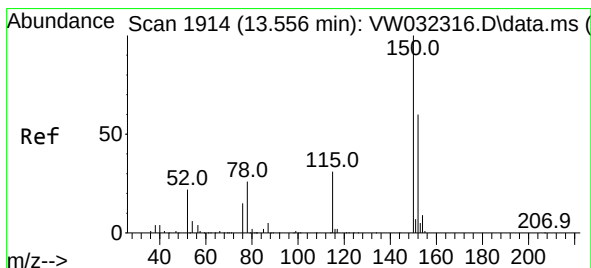
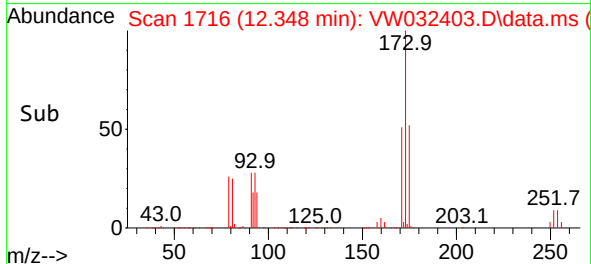
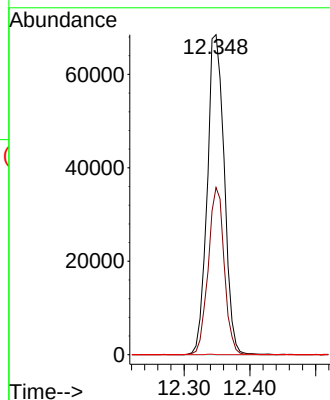
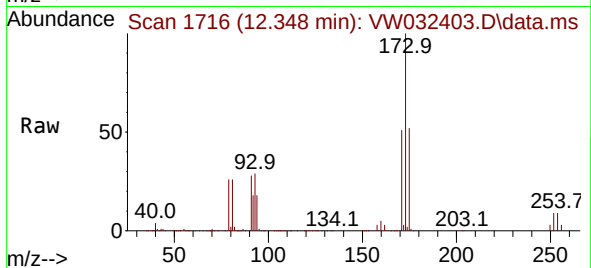
Tgt Ion:173 Resp: 123298

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

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: VW032403.D

Acq: 20 Oct 2025 20:26

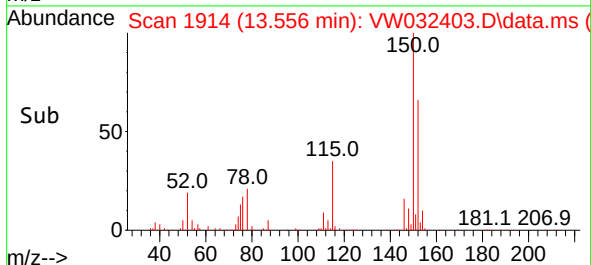
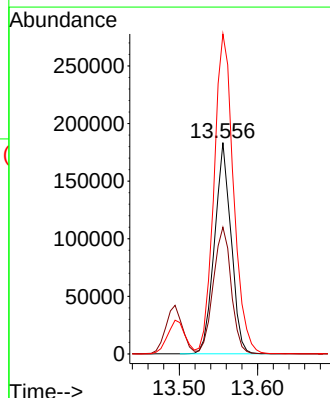
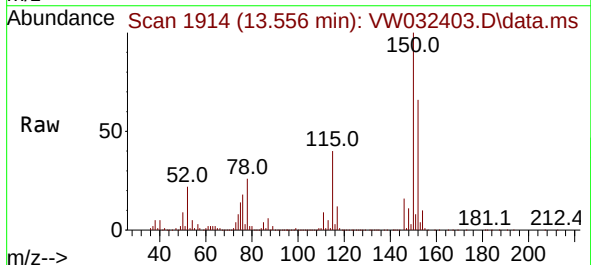
Tgt Ion:152 Resp: 269362

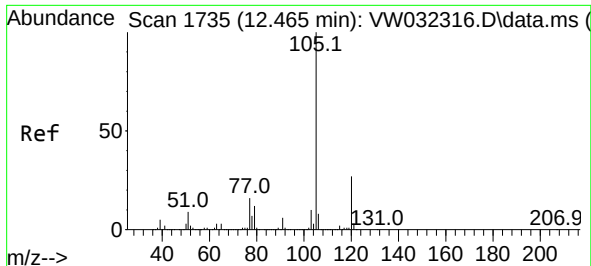
Ion Ratio Lower Upper

152 100

115 64.6 31.8 95.4

150 178.7 0.0 343.0

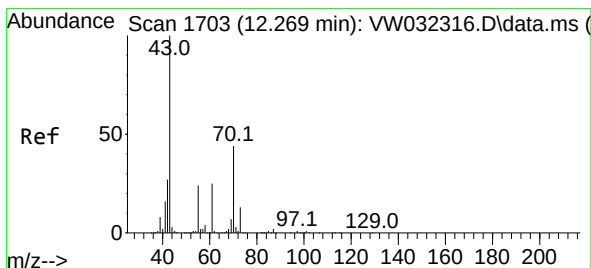
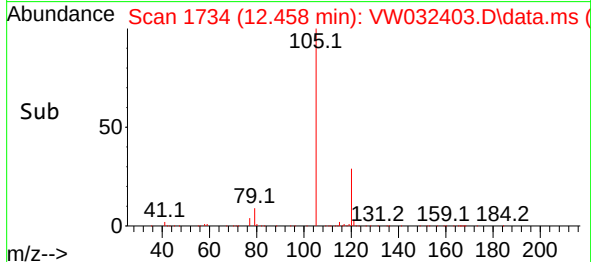
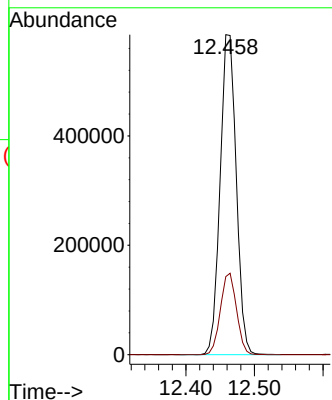
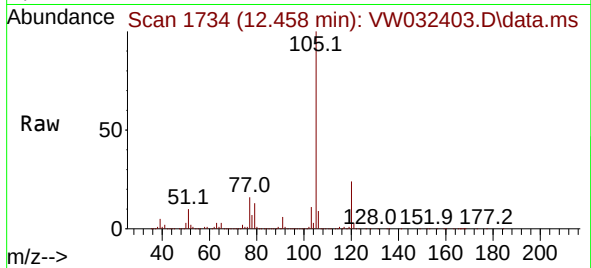




#73
Isopropylbenzene
Concen: 51.575 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

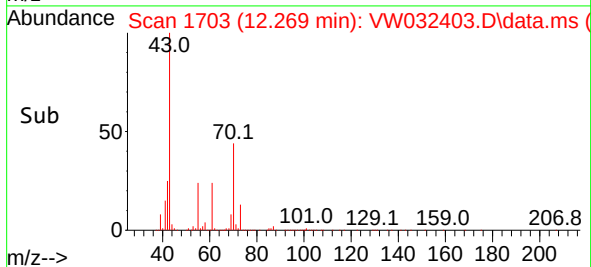
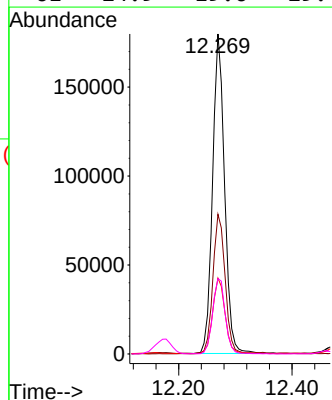
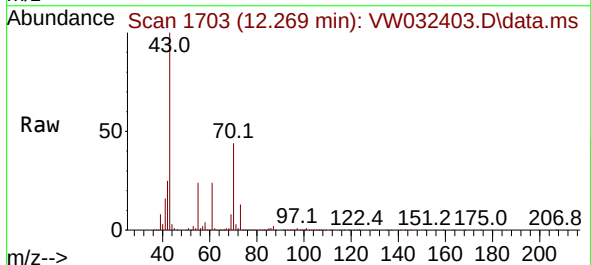
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

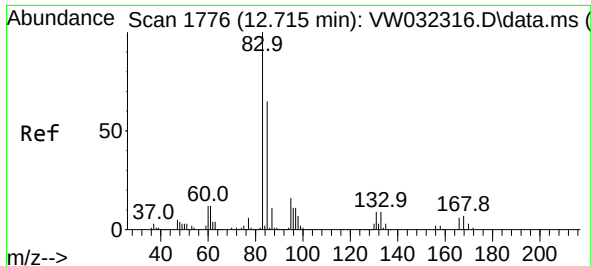
Tgt Ion:105 Resp: 950453
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#74
N-ethyl acetate
Concen: 44.882 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 43 Resp: 263859
Ion Ratio Lower Upper
43 100
70 44.7 35.3 52.9
55 24.6 19.9 29.9
61 24.9 19.6 29.4

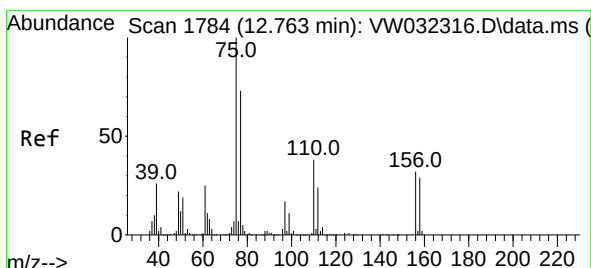
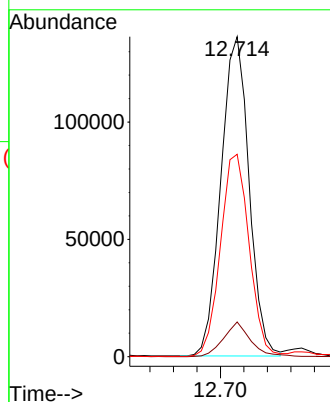
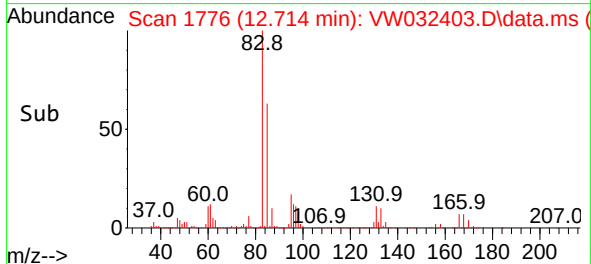
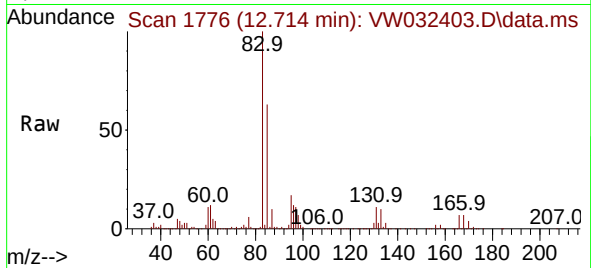




#75
1,1,2-Tetrachloroethane
Concen: 49.315 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

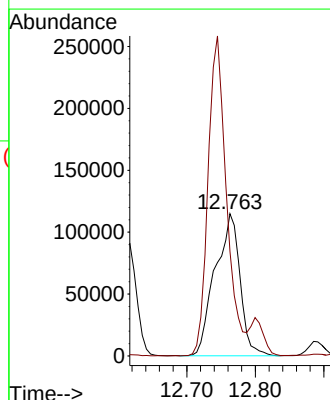
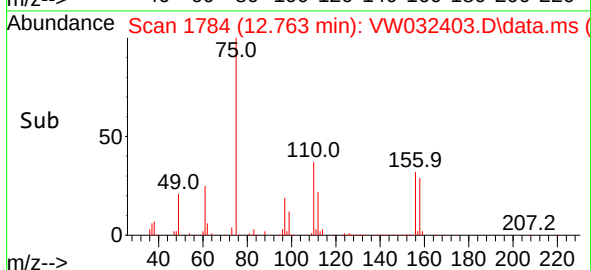
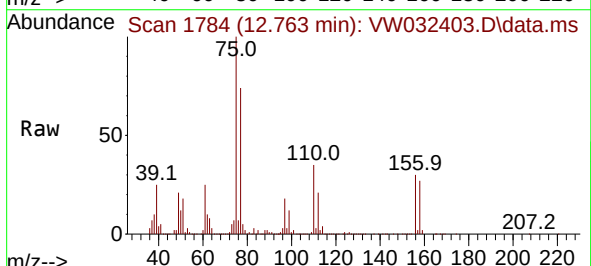
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

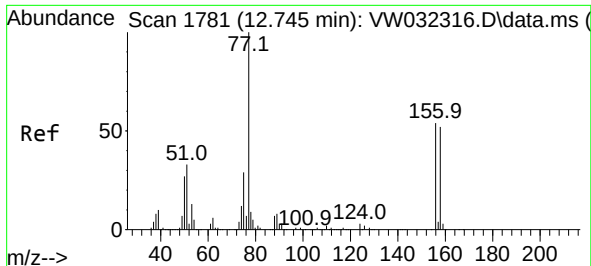
Tgt Ion: 83 Resp: 225655
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 81.662 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 75 Resp: 289466
Ion Ratio Lower Upper
75 100
77 168.2 141.7 425.1

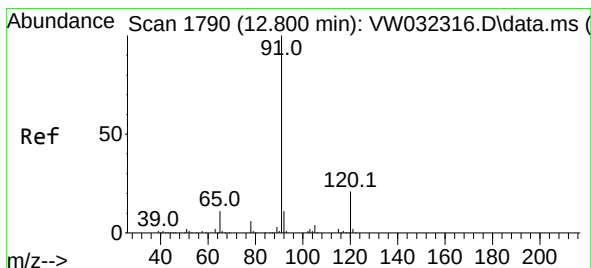
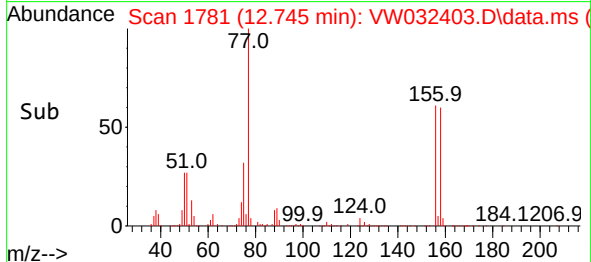
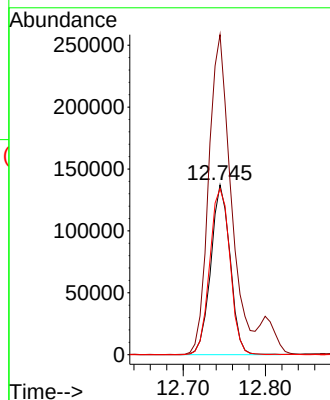
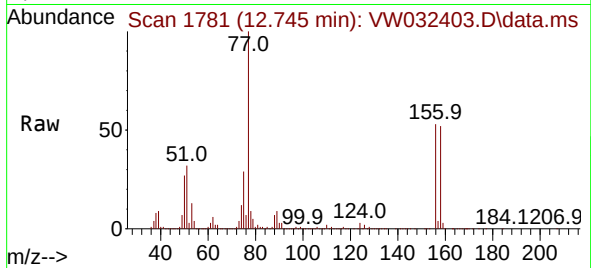




#77
Bromobenzene
Concen: 50.458 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

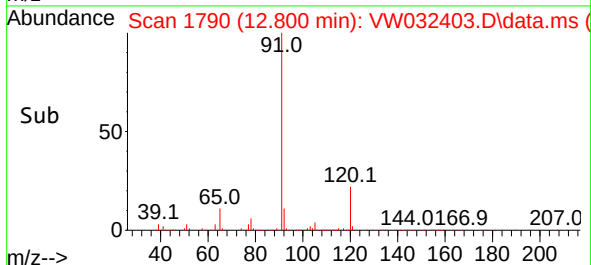
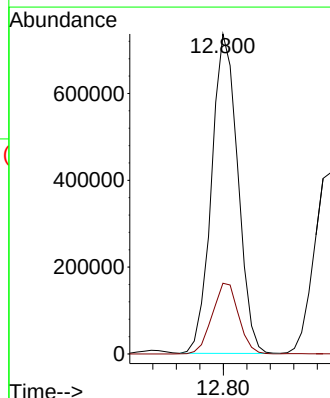
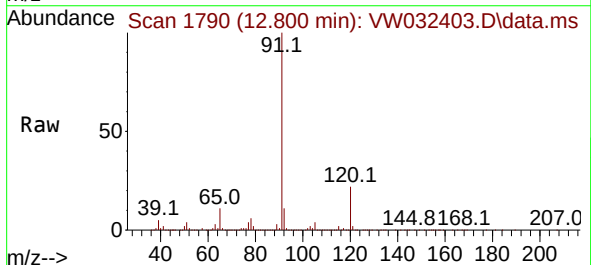
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

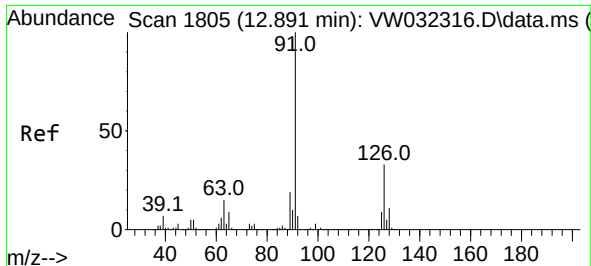
Tgt Ion:156 Resp: 224151
Ion Ratio Lower Upper
156 100
77 217.2 98.6 295.7
158 102.4 48.4 145.0



#78
n-propylbenzene
Concen: 49.599 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 91 Resp: 1141767
Ion Ratio Lower Upper
91 100
120 22.3 11.8 35.4

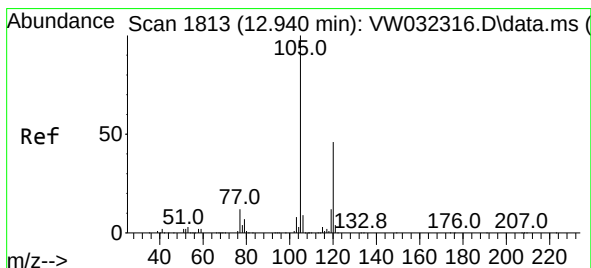
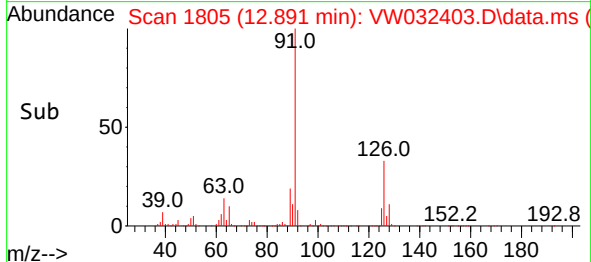
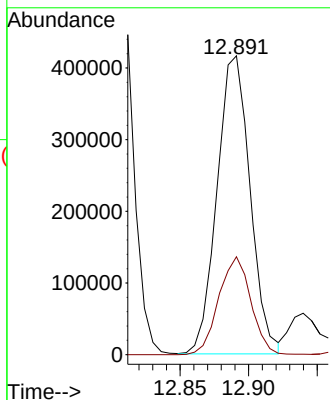
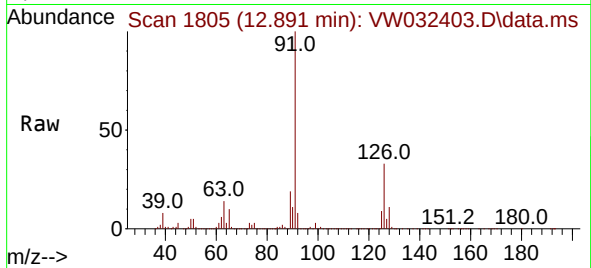




#79
2-Chlorotoluene
Concen: 49.647 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

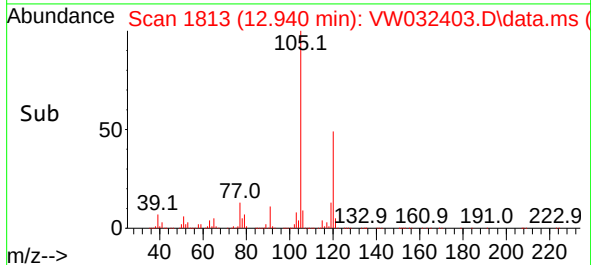
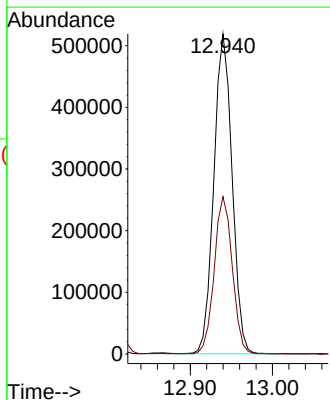
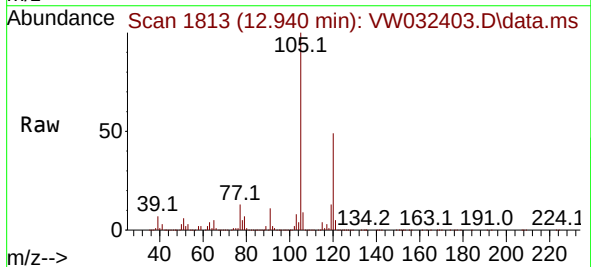
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

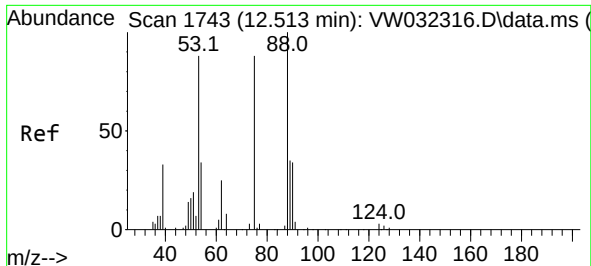
Tgt Ion: 91 Resp: 698791
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.293 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:105 Resp: 801428
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4

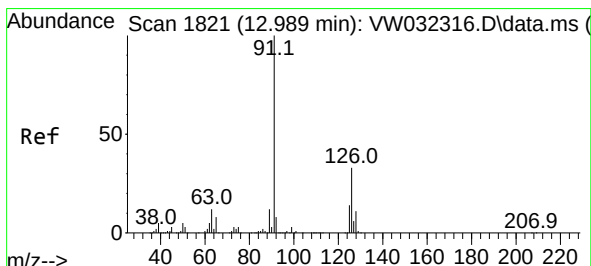
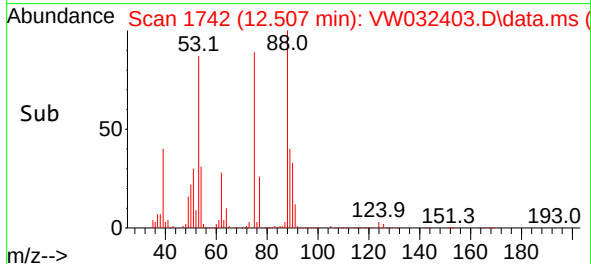
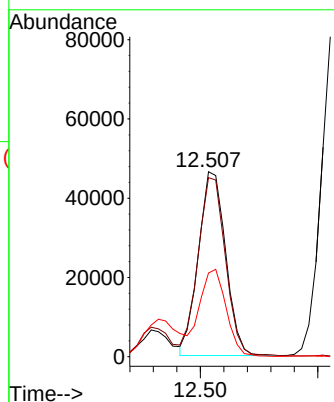
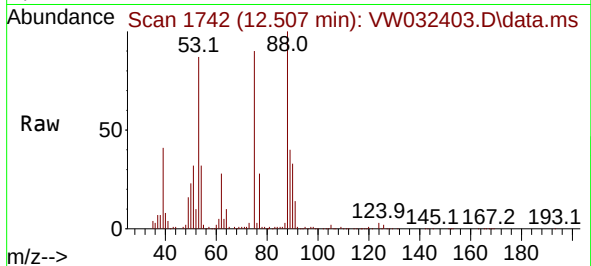




#81
trans-1,4-Dichloro-2-butene
Concen: 53.447 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

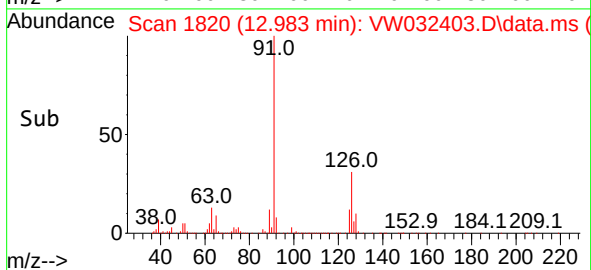
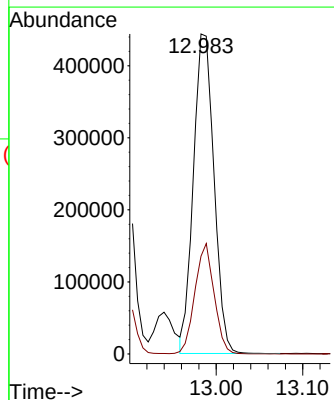
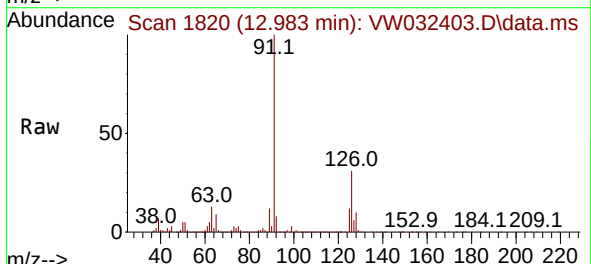
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

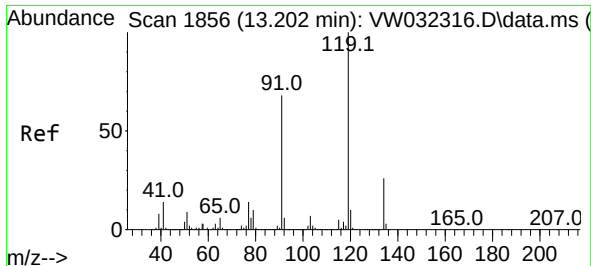
Tgt Ion: 75 Resp: 74785
Ion Ratio Lower Upper
75 100
53 98.3 91.0 136.6
89 46.0 39.4 59.2



#82
4-Chlorotoluene
Concen: 48.928 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 91 Resp: 732169
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

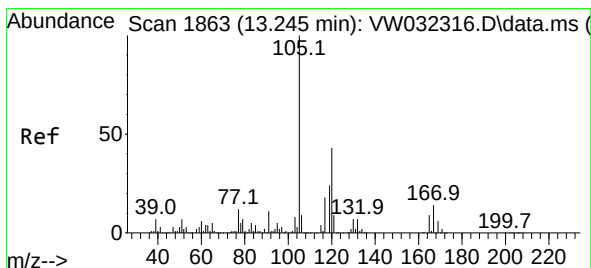
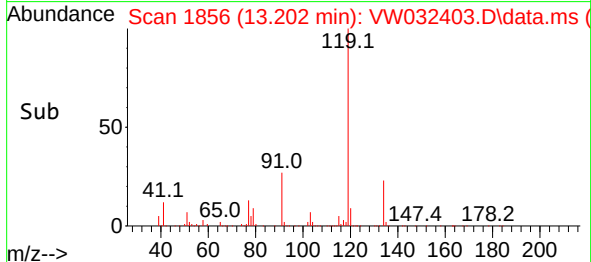
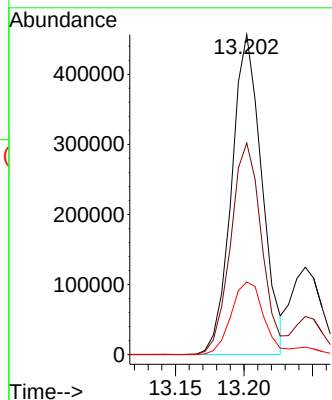
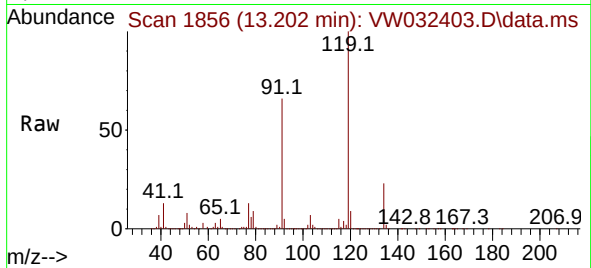




#83
tert-Butylbenzene
Concen: 53.733 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

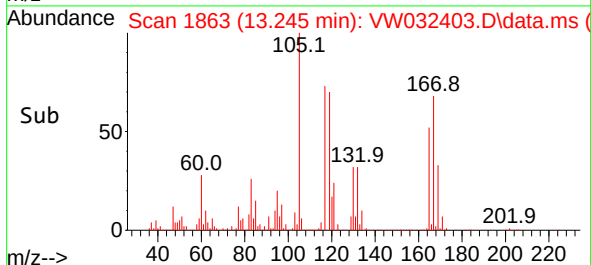
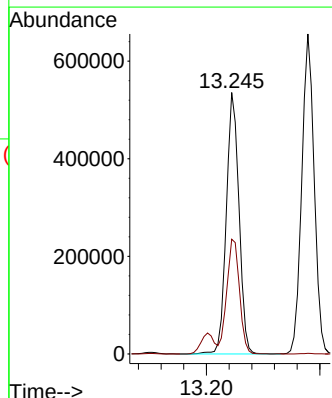
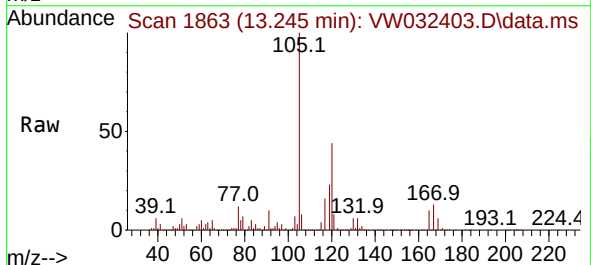
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

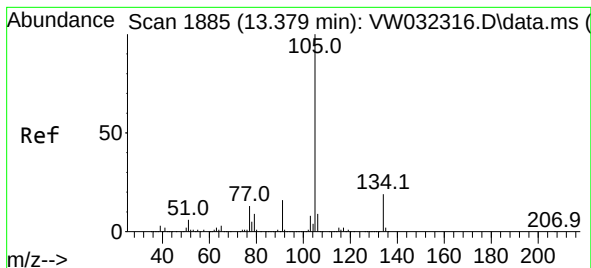
Tgt Ion:119 Resp: 702544
Ion Ratio Lower Upper
119 100
91 68.6 33.8 101.3
134 24.6 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 51.101 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:105 Resp: 827998
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.818 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

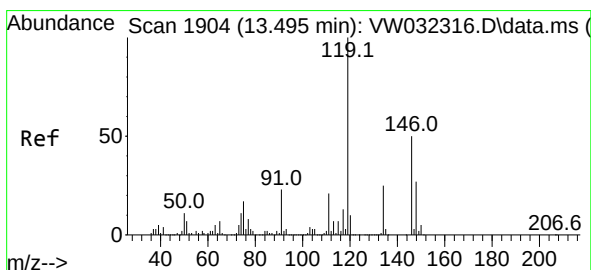
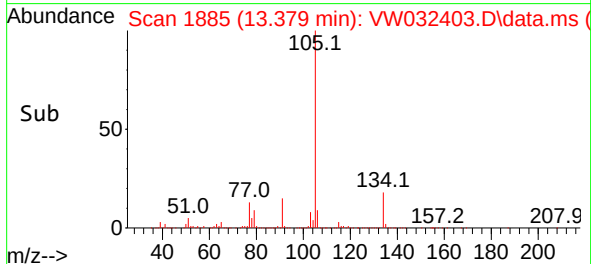
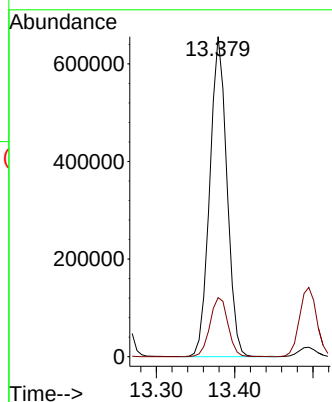
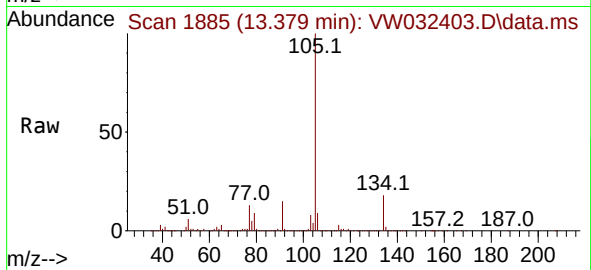
VSTDCCC050EC

Tgt Ion:105 Resp: 995387

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.727 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

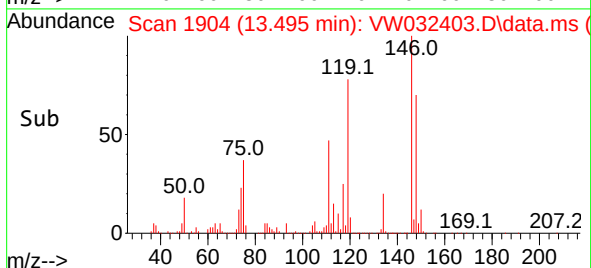
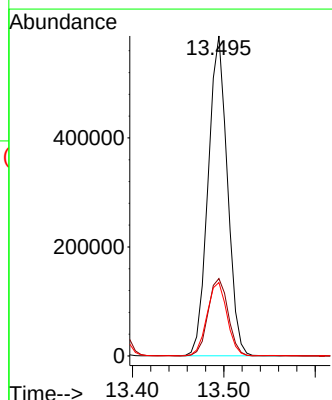
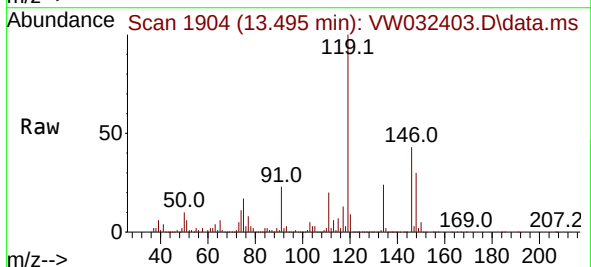
Tgt Ion:119 Resp: 857567

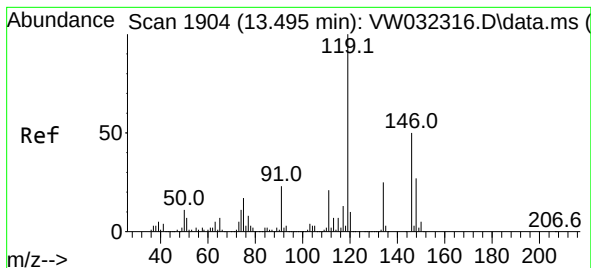
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 23.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.201 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

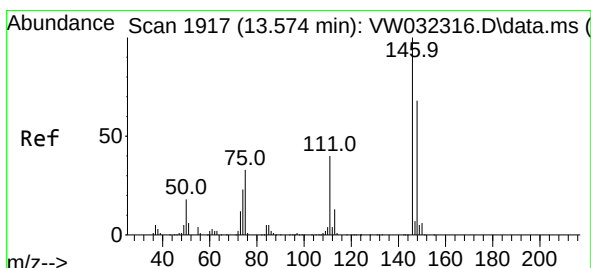
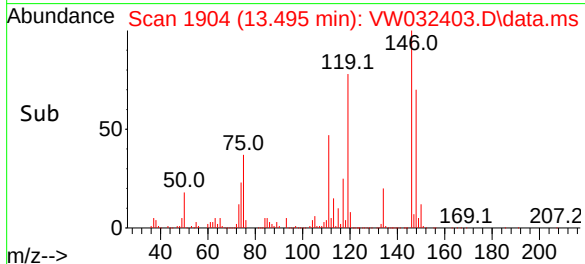
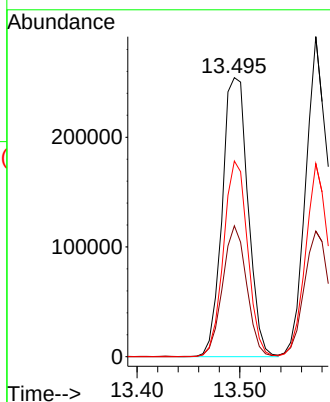
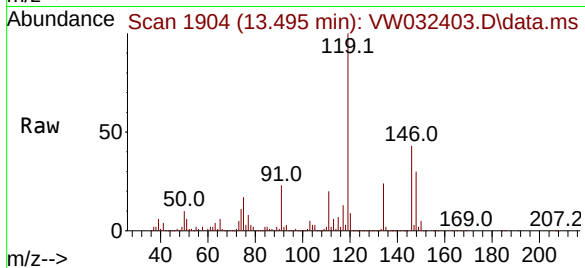
Tgt Ion:146 Resp: 442583

Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

148 65.6 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 49.117 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032403.D

Acq: 20 Oct 2025 20:26

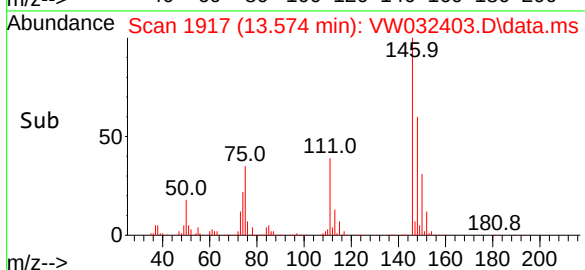
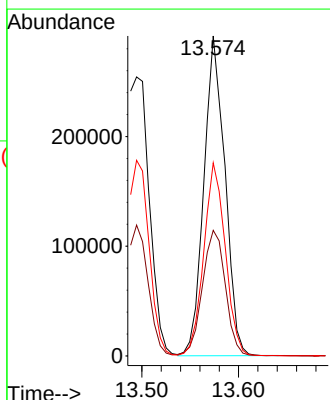
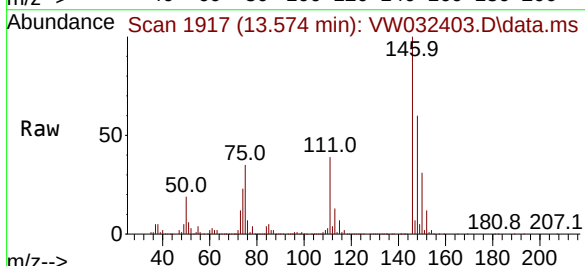
Tgt Ion:146 Resp: 441778

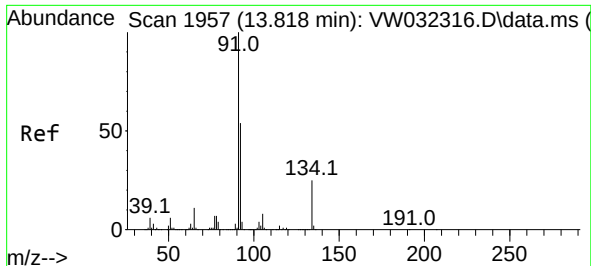
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 61.7 33.4 100.1

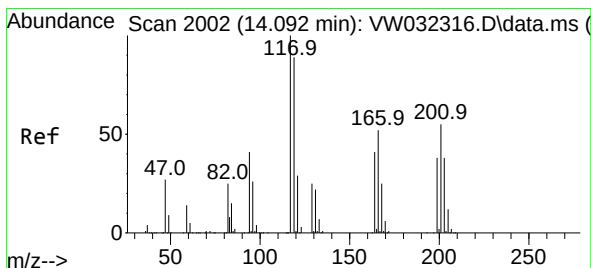
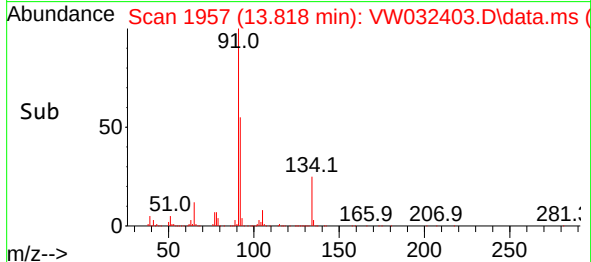
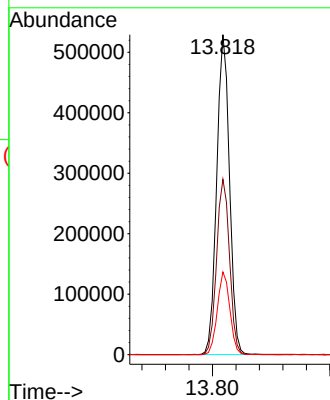
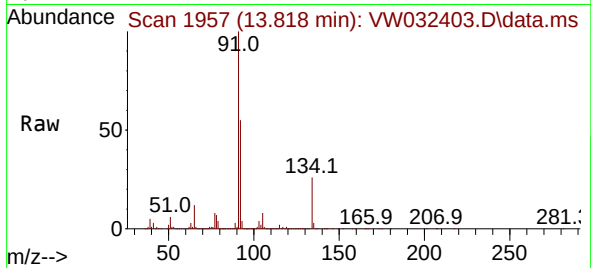




#89
n-Butylbenzene
Concen: 49.204 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

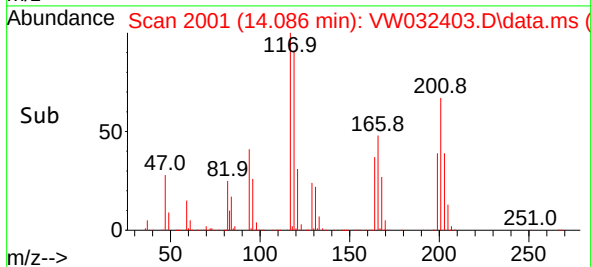
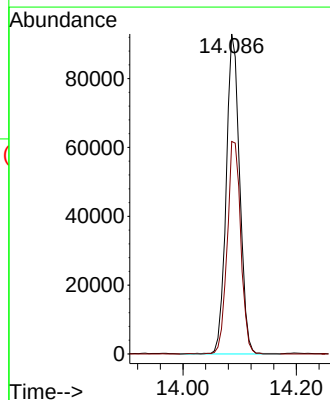
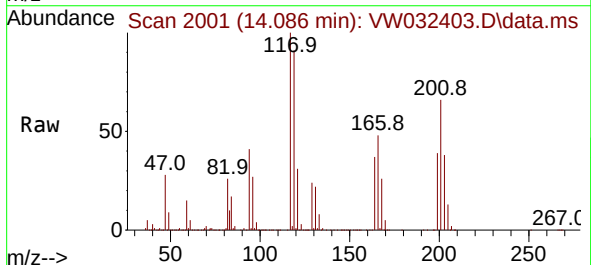
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

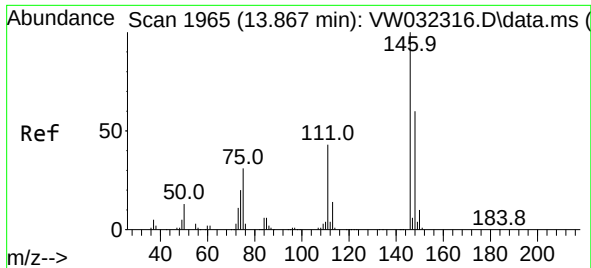
Tgt Ion: 91 Resp: 796462
Ion Ratio Lower Upper
91 100
92 55.3 27.0 81.0
134 25.3 13.1 39.3



#90
Hexachloroethane
Concen: 51.511 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 117 Resp: 153070
Ion Ratio Lower Upper
117 100
201 66.9 32.8 98.4

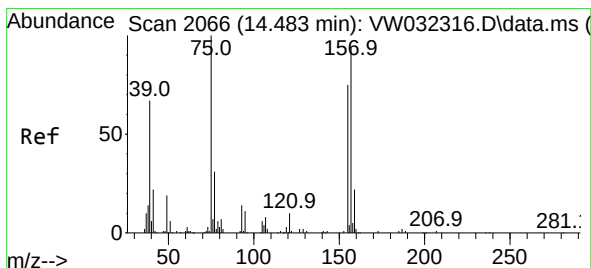
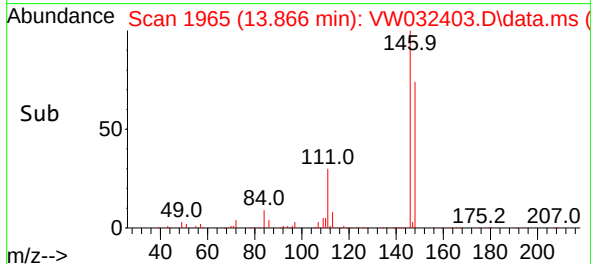
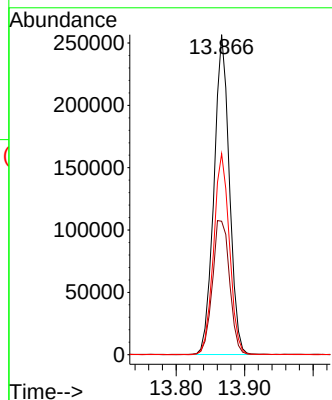
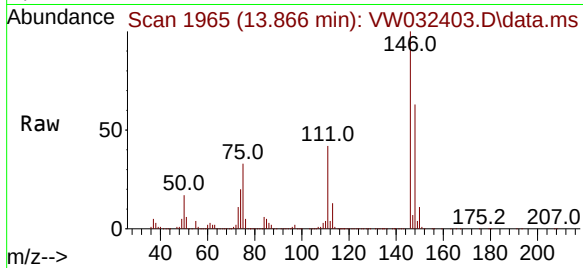




#91
1,2-Dichlorobenzene
Concen: 49.100 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

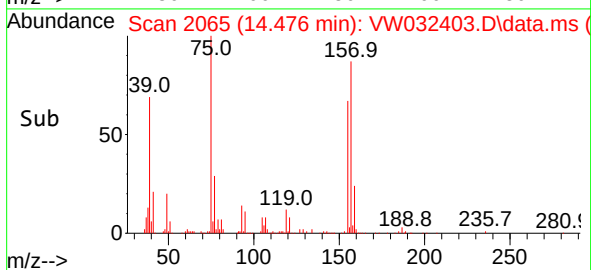
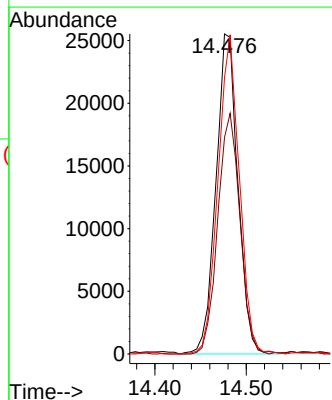
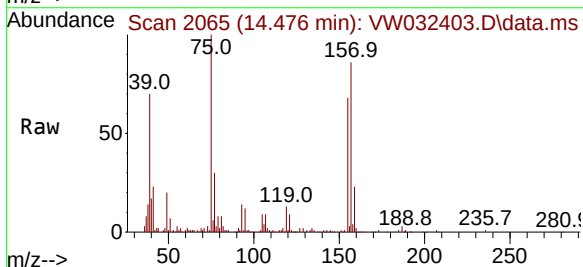
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

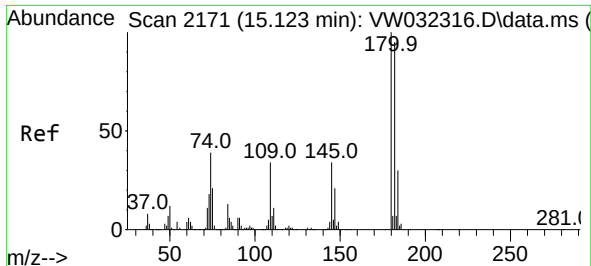
Tgt Ion:146 Resp: 399250
Ion Ratio Lower Upper
146 100
111 46.6 23.4 70.0
148 64.4 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.337 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion: 75 Resp: 42731
Ion Ratio Lower Upper
75 100
155 75.7 40.8 122.5
157 97.0 51.8 155.4

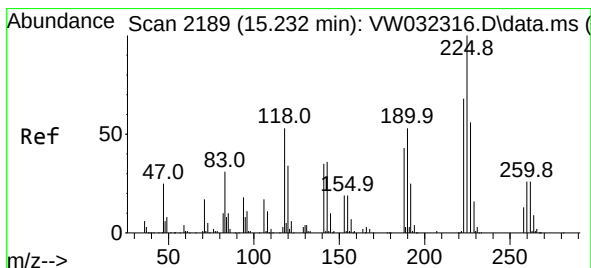
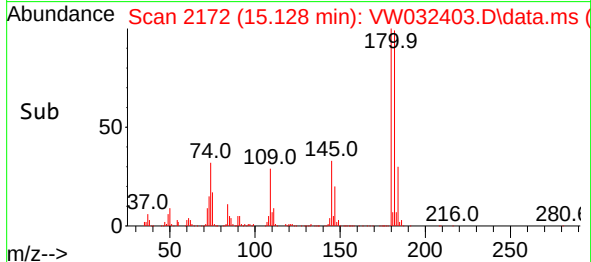
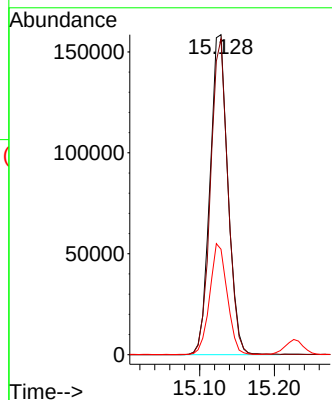
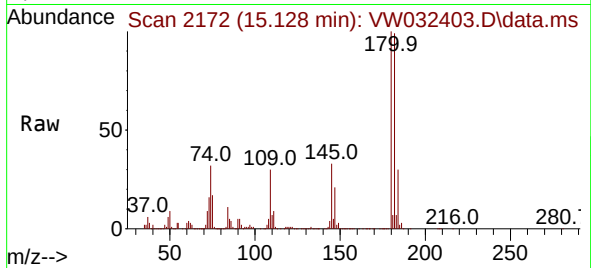




#93
1,2,4-Trichlorobenzene
Concen: 54.170 ug/l
RT: 15.128 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

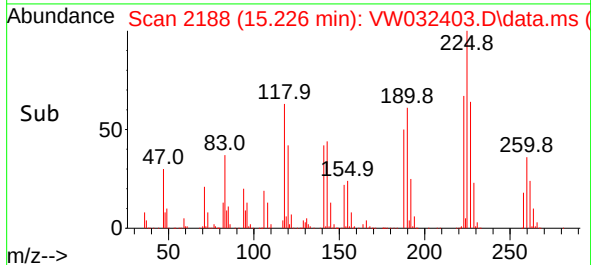
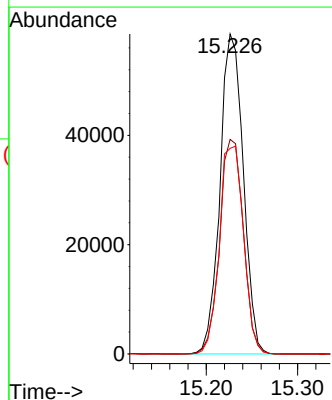
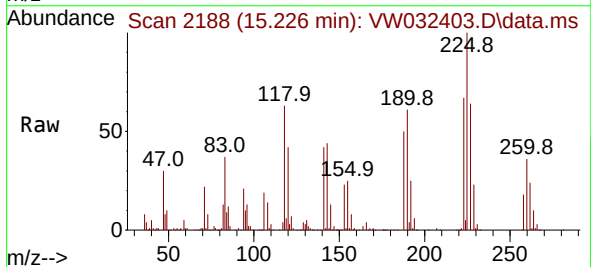
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

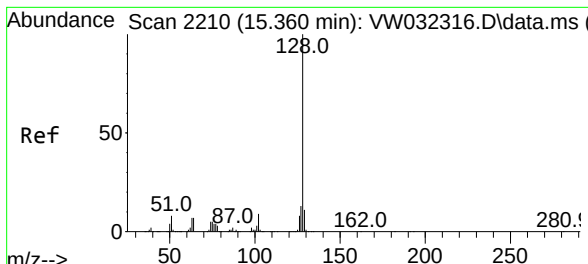
Tgt Ion:180 Resp: 264133
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 33.9 16.4 49.1



#94
Hexachlorobutadiene
Concen: 46.554 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:225 Resp: 103782
Ion Ratio Lower Upper
225 100
223 67.9 29.8 89.3
227 67.5 30.5 91.5



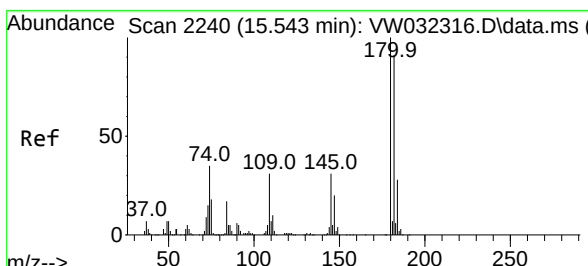
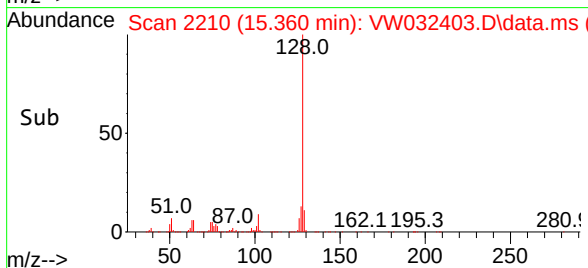
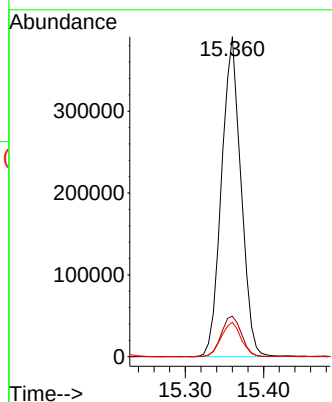
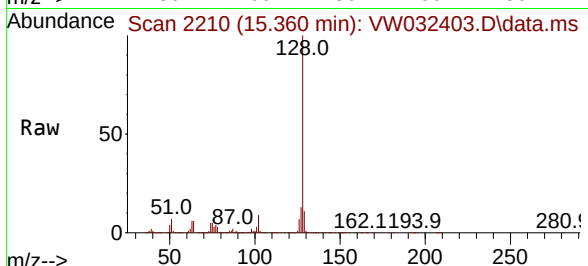


#95
Naphthalene
Concen: 57.522 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 673561

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.836 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032403.D
Acq: 20 Oct 2025 20:26

Tgt Ion:180 Resp: 247423

Ion	Ratio	Lower	Upper
180	100		
182	88.5	47.7	143.1
145	35.1	17.2	51.6

