

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032137.D
 Acq On : 26 Aug 2025 09:39
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 27 03:47:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	206660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	370444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	15541	5.258	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	10.520%#
35) Dibromofluoromethane	7.904	113	13601	5.233	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	10.460%#
50) Toluene-d8	10.325	98	43464	4.764	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	9.520%#
62) 4-Bromofluorobenzene	12.617	95	16578	4.914	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	9.820%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	7405	5.427	ug/l	92
3) Chloromethane	2.253	50	8229	5.752	ug/l	99
4) Vinyl Chloride	2.399	62	10135	5.455	ug/l	92
5) Bromomethane	2.832	94	9495	5.722	ug/l	91
6) Chloroethane	2.966	64	6650	5.082	ug/l	90
7) Trichlorofluoromethane	3.302	101	7914	4.299	ug/l	99
8) Diethyl Ether	3.722	74	7589	5.524	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	11532	5.560	ug/l	94
10) Methyl Iodide	4.301	142	16828	5.329	ug/l	98
11) Tert butyl alcohol	5.204	59	4756	26.308	ug/l #	88
12) 1,1-Dichloroethene	4.076	96	12023	5.505	ug/l	94
13) Acrolein	3.936	56	7536	27.119	ug/l	93
14) Allyl chloride	4.704	41	16108	5.192	ug/l	99
15) Acrylonitrile	5.405	53	15695	23.497	ug/l	96
16) Acetone	4.155	43	18385	28.723	ug/l	97
17) Carbon Disulfide	4.417	76	28048	5.134	ug/l	96
18) Methyl Acetate	4.698	43	10206	5.004	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	20274	4.916	ug/l	92
20) Methylene Chloride	4.954	84	20105	4.155	ug/l	92
21) trans-1,2-Dichloroethene	5.454	96	12345	5.060	ug/l	94
22) Diisopropyl ether	6.338	45	32072	4.750	ug/l	91
23) Vinyl Acetate	6.277	43	101339	22.074	ug/l	99
24) 1,1-Dichloroethane	6.234	63	23105	5.227	ug/l	99
25) 2-Butanone	7.191	43	20788	22.919	ug/l	100
26) 2,2-Dichloropropane	7.185	77	11564	4.940	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	15178	5.112	ug/l	96
28) Bromochloromethane	7.532	49	10305	5.092	ug/l	97
29) Tetrahydrofuran	7.551	42	13561	23.528	ug/l	97
30) Chloroform	7.691	83	26348	5.220	ug/l	94
31) Cyclohexane	7.965	56	21648	5.966	ug/l #	83
32) 1,1,1-Trichloroethane	7.892	97	19386	5.262	ug/l	98
36) 1,1-Dichloropropene	8.093	75	16546	4.910	ug/l	98
37) Ethyl Acetate	7.282	43	9606	4.752	ug/l #	96
38) Carbon Tetrachloride	8.081	117	17291	4.786	ug/l	99
39) Methylcyclohexane	9.343	83	18002	4.510	ug/l	90
40) Benzene	8.331	78	51163	4.912	ug/l	97

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	5632	5.015	ug/l #	85
42) 1,2-Dichloroethane	8.410	62	18244	5.052	ug/l	97
43) Isopropyl Acetate	8.435	43	17422	4.594	ug/l	97
44) Trichloroethene	9.099	130	12977	4.954	ug/l	100
45) 1,2-Dichloropropane	9.374	63	12512	4.983	ug/l	97
46) Dibromomethane	9.465	93	8740	4.962	ug/l	97
47) Bromodichloromethane	9.648	83	19254	4.811	ug/l	93
48) Methyl methacrylate	9.441	41	7054	4.036	ug/l	89
49) 1,4-Dioxane	9.459	88	1889	88.770	ug/l #	38
51) 4-Methyl-2-Pentanone	10.215	43	48128	22.475	ug/l	96
52) Toluene	10.386	92	32955	4.841	ug/l	95
53) t-1,3-Dichloropropene	10.611	75	14930	4.229	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	18295	4.541	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	11334	4.949	ug/l	90
56) Ethyl methacrylate	10.648	69	11883	4.058	ug/l	97
57) 1,3-Dichloropropane	10.934	76	18781	4.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	31610	20.226	ug/l	100
59) 2-Hexanone	10.971	43	32049	21.520	ug/l	94
60) Dibromochloromethane	11.129	129	13014	4.696	ug/l	97
61) 1,2-Dibromoethane	11.239	107	10499	4.662	ug/l	91
64) Tetrachloroethene	10.861	164	11029	4.832	ug/l #	85
65) Chlorobenzene	11.660	112	39417	4.994	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	12280	4.726	ug/l	96
67) Ethyl Benzene	11.733	91	58107	4.493	ug/l	100
68) m/p-Xylenes	11.843	106	43484	8.737	ug/l	96
69) o-Xylene	12.160	106	20131	4.276	ug/l	95
70) Styrene	12.178	104	34891	4.204	ug/l	98
71) Bromoform	12.349	173	7031	4.556	ug/l #	100
73) Isopropylbenzene	12.464	105	51013	4.170	ug/l	100
74) N-amyl acetate	12.269	43	15062	4.241	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.708	83	14008	4.818	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	15807	6.780	ug/l	44
77) Bromobenzene	12.745	156	14669	4.702	ug/l	96
78) n-propylbenzene	12.800	91	63470	4.274	ug/l	97
79) 2-Chlorotoluene	12.891	91	40515	4.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	43406	4.191	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	3233	3.859	ug/l	91
82) 4-Chlorotoluene	12.983	91	43697	4.495	ug/l	98
83) tert-Butylbenzene	13.202	119	36884	4.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	45544	4.250	ug/l	99
85) sec-Butylbenzene	13.379	105	57822	4.410	ug/l	99
86) p-Isopropyltoluene	13.495	119	47272	4.240	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	29910	4.762	ug/l	95
88) 1,4-Dichlorobenzene	13.580	146	31029	4.929	ug/l	97
89) n-Butylbenzene	13.818	91	46303	4.356	ug/l	97
90) Hexachloroethane	14.086	117	9687	4.750	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	27202	4.891	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	2386	4.646	ug/l	90
93) 1,2,4-Trichlorobenzene	15.129	180	15663	4.408	ug/l	96
94) Hexachlorobutadiene	15.226	225	8916	5.060	ug/l	99
95) Naphthalene	15.354	128	32224	4.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	14982	4.534	ug/l	98

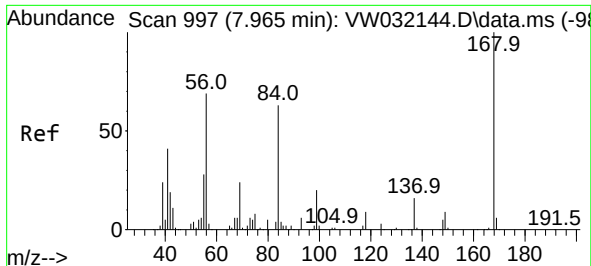
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

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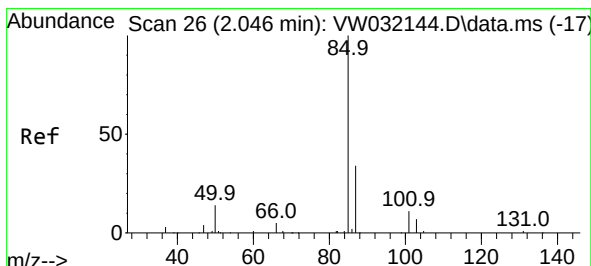
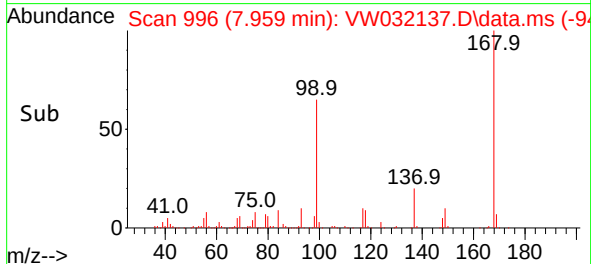
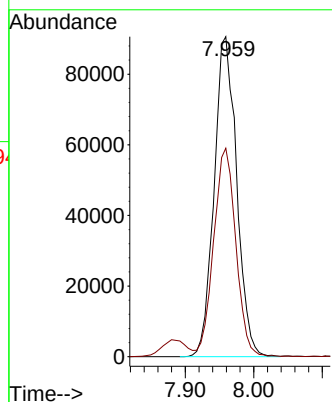
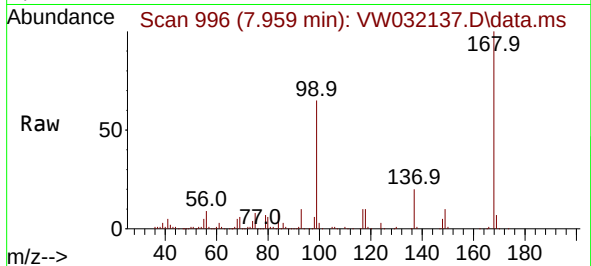
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032137.D
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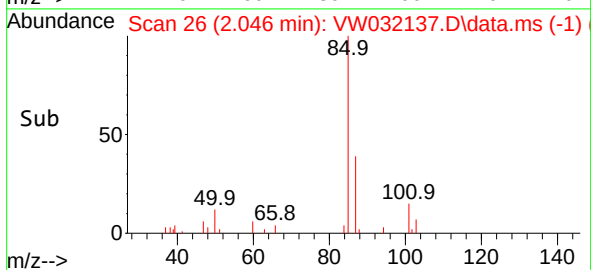
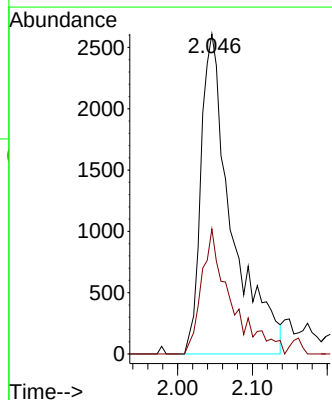
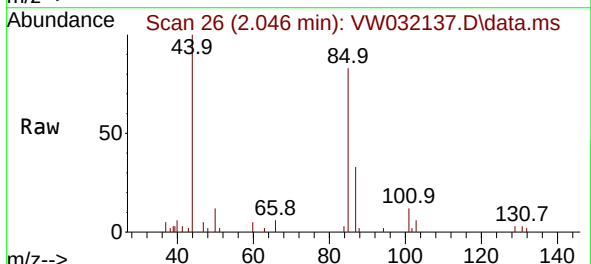
Instrument :
MSVOA_W
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VSTDIC005

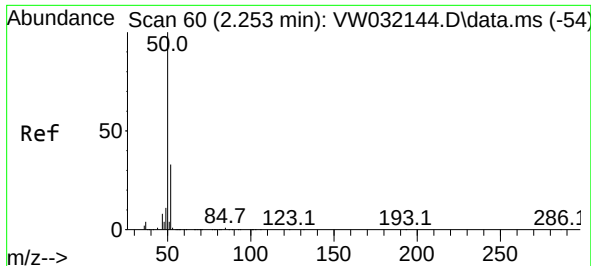
Tgt Ion:168 Resp: 206660
Ion Ratio Lower Upper
168 100
99 65.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 5.427 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 85 Resp: 7405
Ion Ratio Lower Upper
85 100
87 39.0 17.2 51.6

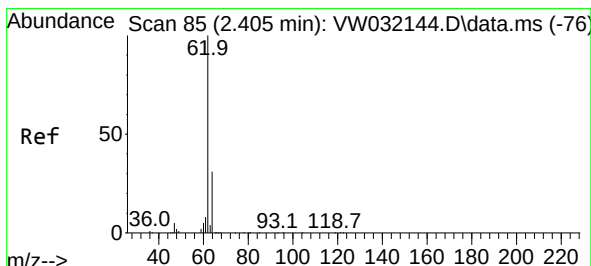
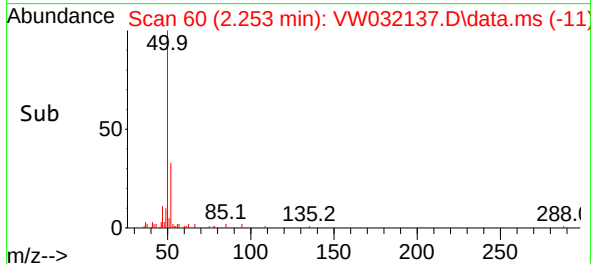
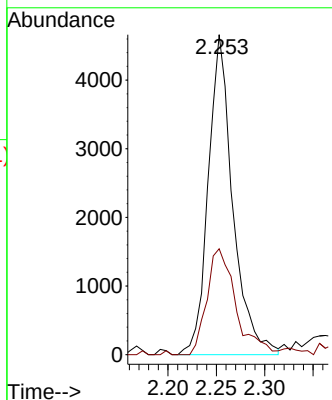
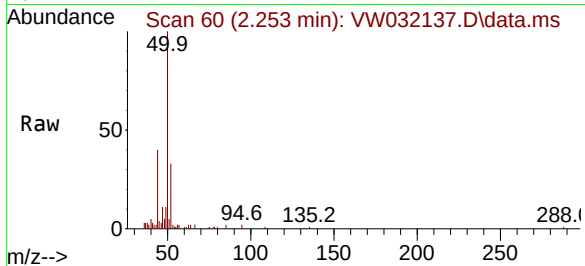




#3
Chloromethane
Concen: 5.752 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

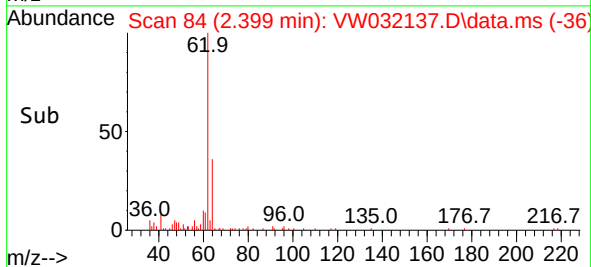
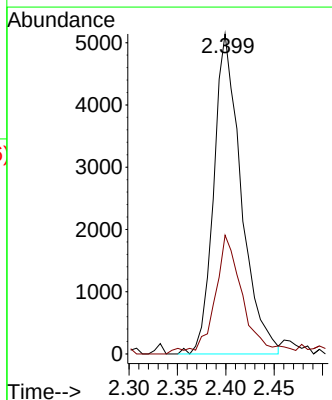
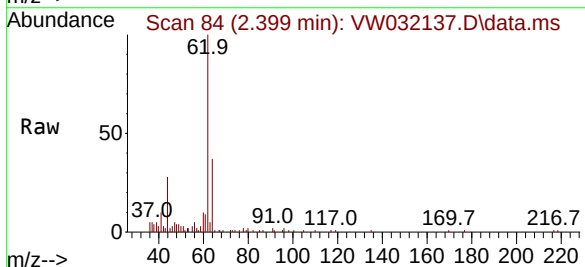
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

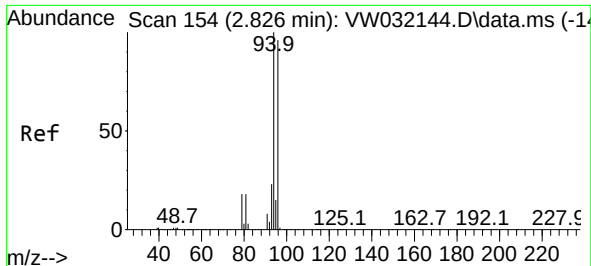
Tgt Ion: 50 Resp: 8229
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 5.455 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 62 Resp: 10135
Ion Ratio Lower Upper
62 100
64 35.3 24.8 37.2

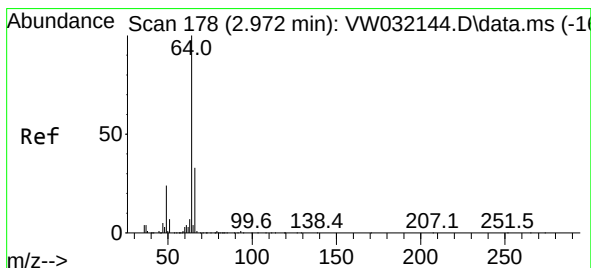
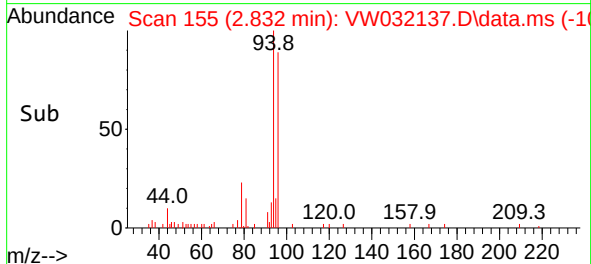
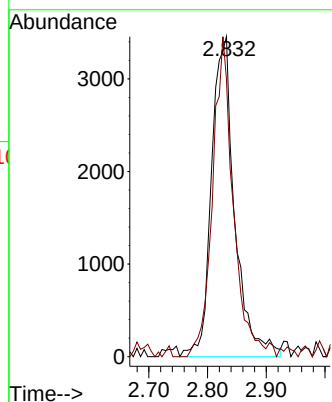
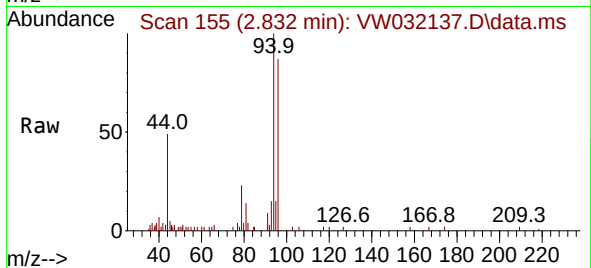




#5
Bromomethane
Concen: 5.722 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

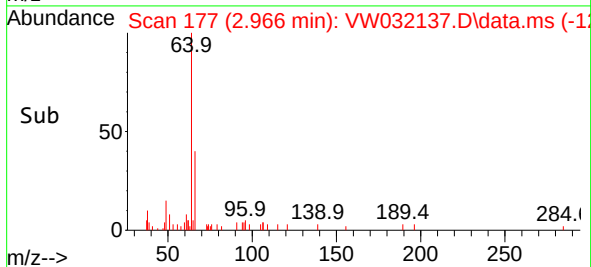
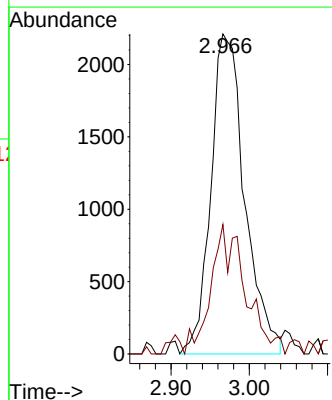
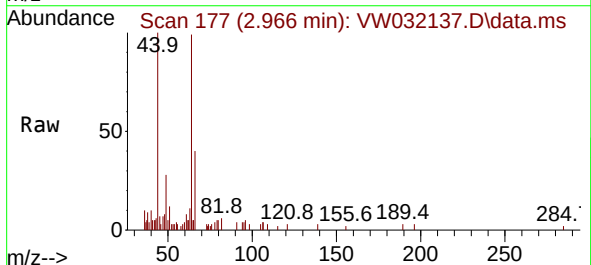
Instrument :
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ClientSampleId :
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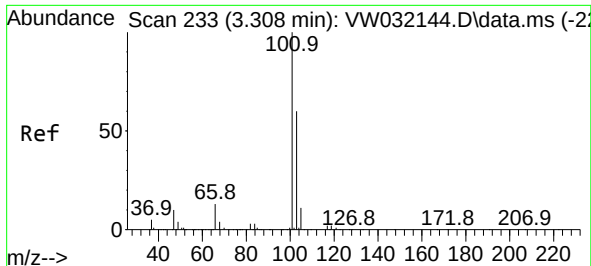
Tgt Ion: 94 Resp: 9495
Ion Ratio Lower Upper
94 100
96 86.8 76.6 115.0



#6
Chloroethane
Concen: 5.082 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 64 Resp: 6650
Ion Ratio Lower Upper
64 100
66 38.2 26.2 39.4

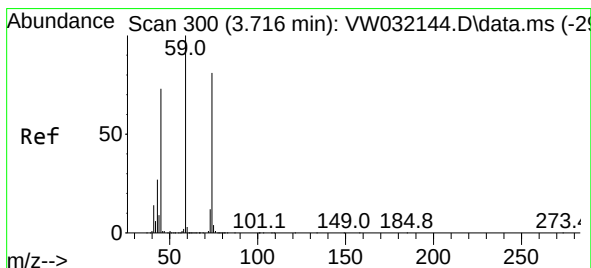
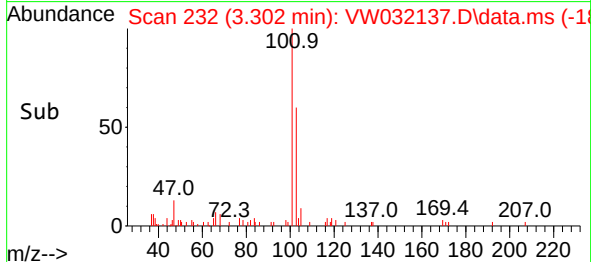
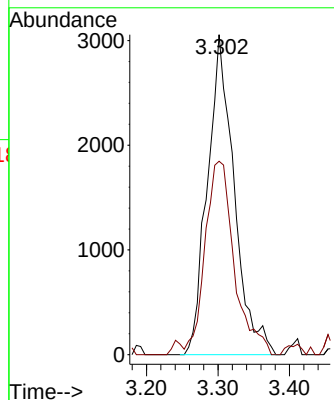
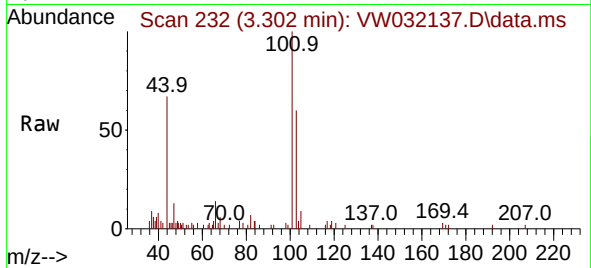




#7
 Trichlorofluoromethane
 Concen: 4.299 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

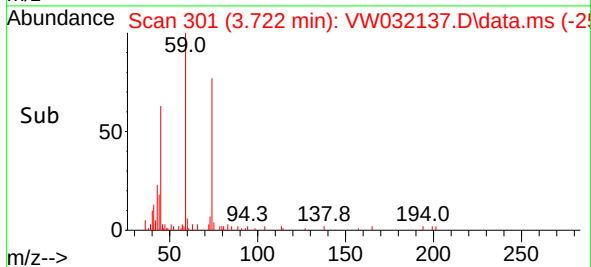
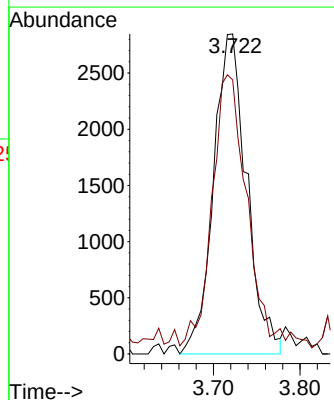
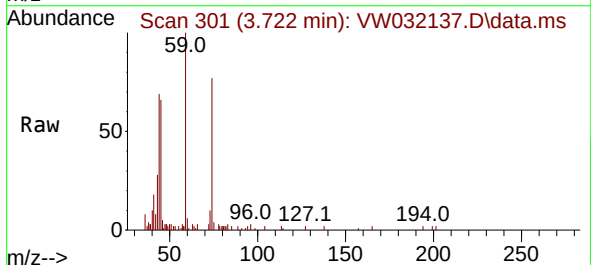
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

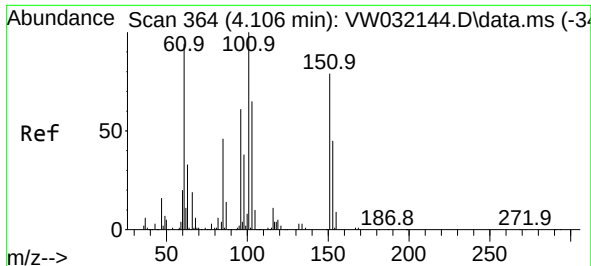
Tgt Ion:101 Resp: 7914
 Ion Ratio Lower Upper
 101 100
 103 60.5 47.8 71.8



#8
 Diethyl Ether
 Concen: 5.524 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

Tgt Ion: 74 Resp: 7589
 Ion Ratio Lower Upper
 74 100
 45 85.7 43.1 129.4



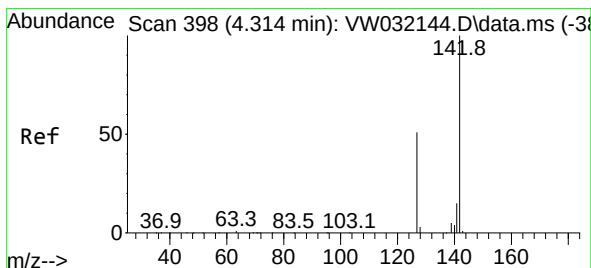
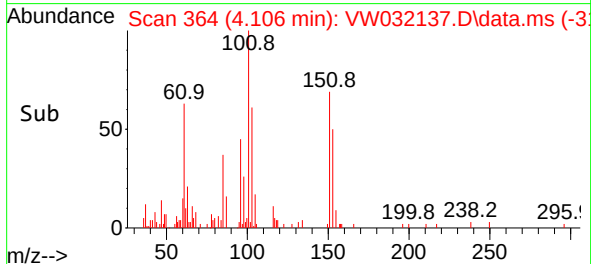
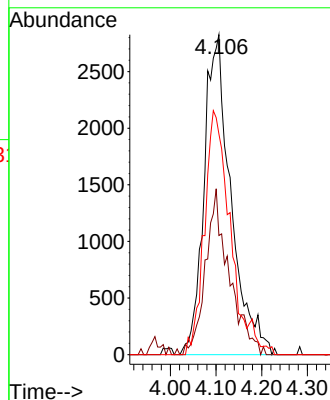
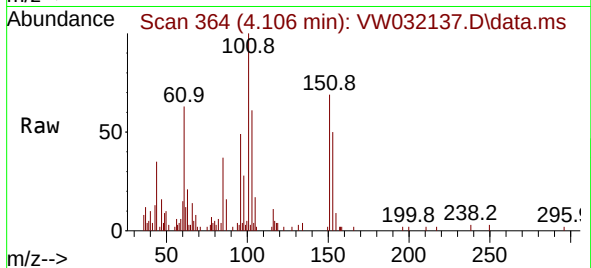


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.560 ug/l
 RT: 4.106 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 11532

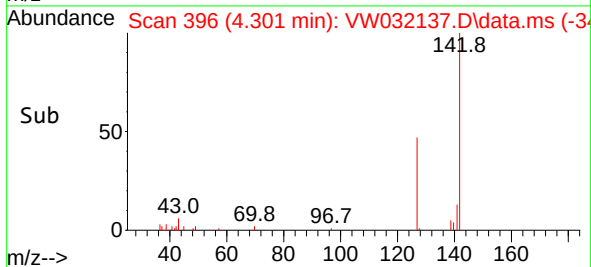
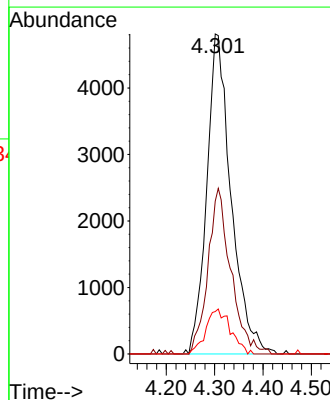
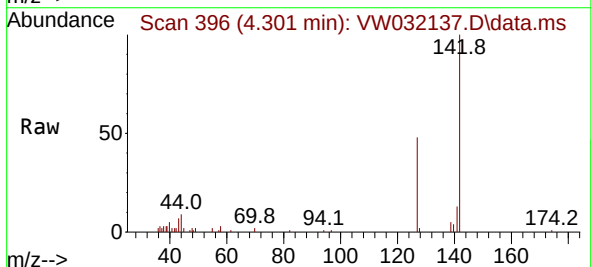
Ion	Ratio	Lower	Upper
101	100		
85	45.6	37.1	55.7
151	69.5	61.5	92.3

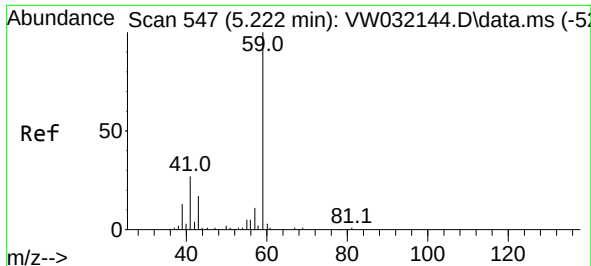


#10
 Methyl Iodide
 Concen: 5.329 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

Tgt Ion:142 Resp: 16828

Ion	Ratio	Lower	Upper
142	100		
127	48.7	38.2	57.2
141	14.3	12.2	18.2

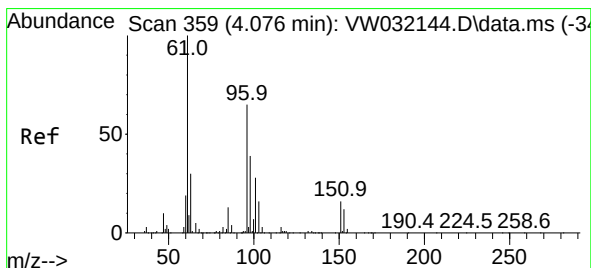
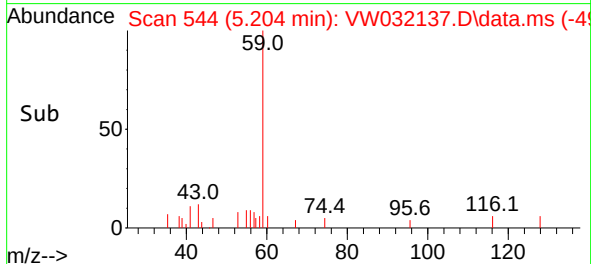
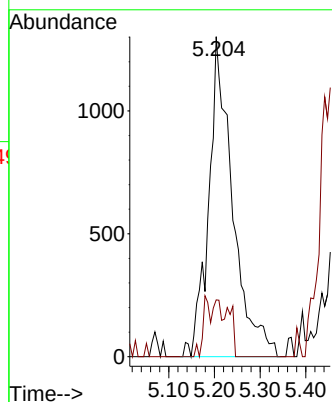
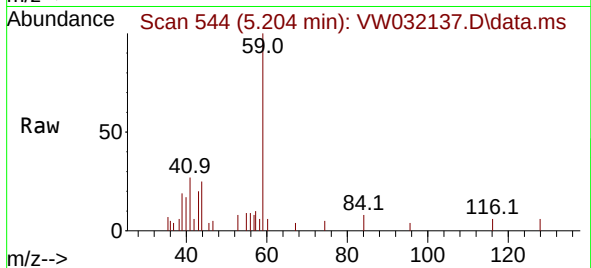




#11
Tert butyl alcohol
Concen: 26.308 ug/l
RT: 5.204 min Scan# 544
Delta R.T. -0.018 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

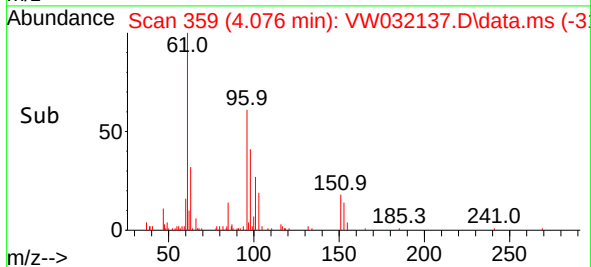
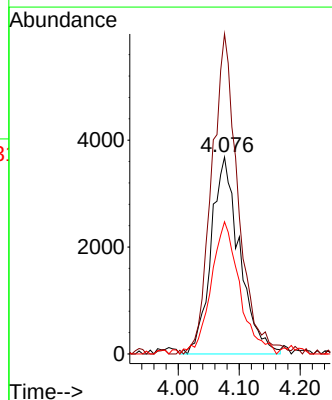
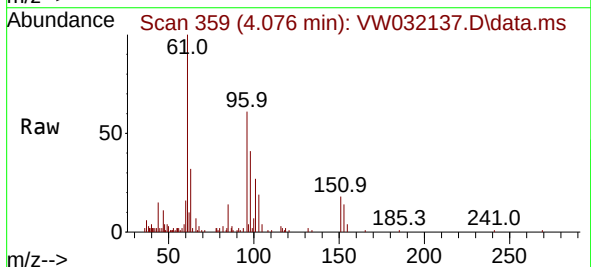
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

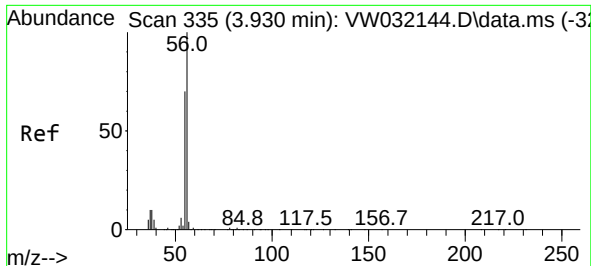
Tgt Ion: 59 Resp: 4756
Ion Ratio Lower Upper
59 100
57 7.4 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 5.505 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 96 Resp: 12023
Ion Ratio Lower Upper
96 100
61 160.7 123.0 184.4
98 67.1 48.5 72.7

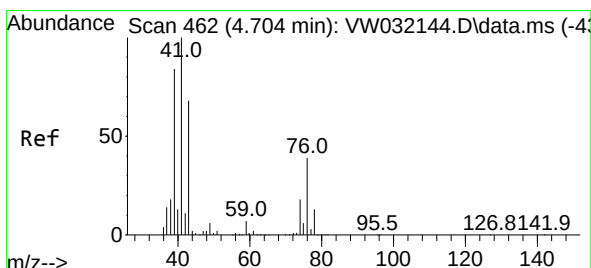
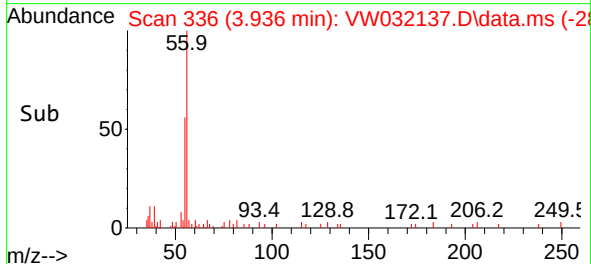
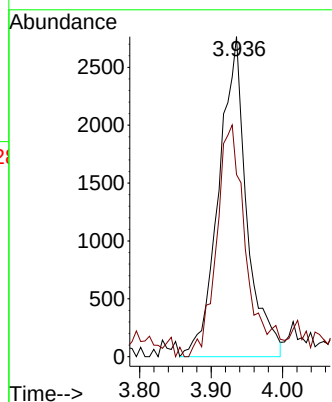
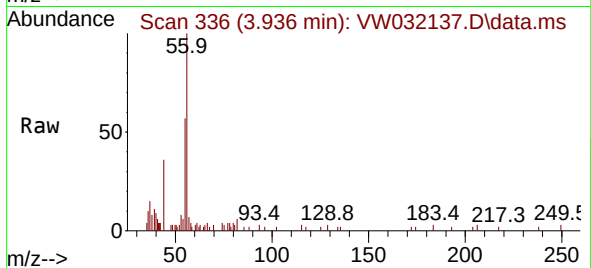




#13
Acrolein
Concen: 27.119 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

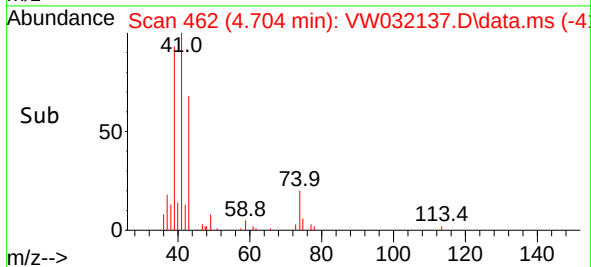
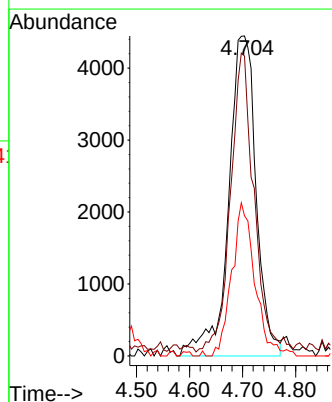
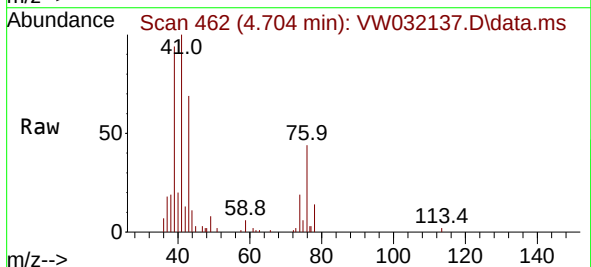
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

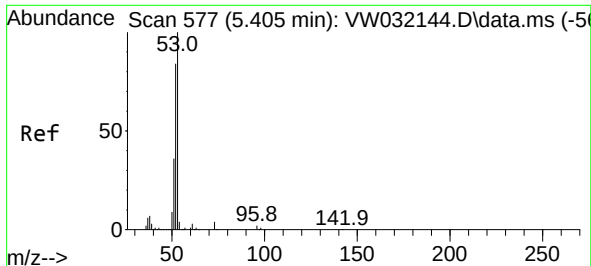
Tgt Ion: 56 Resp: 7536
Ion Ratio Lower Upper
56 100
55 76.1 56.4 84.6



#14
Allyl chloride
Concen: 5.192 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 41 Resp: 16108
Ion Ratio Lower Upper
41 100
39 78.5 64.1 96.1
76 39.5 31.4 47.2

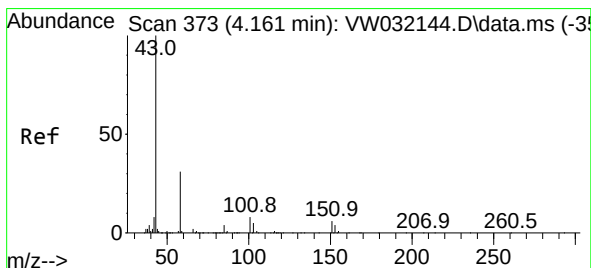
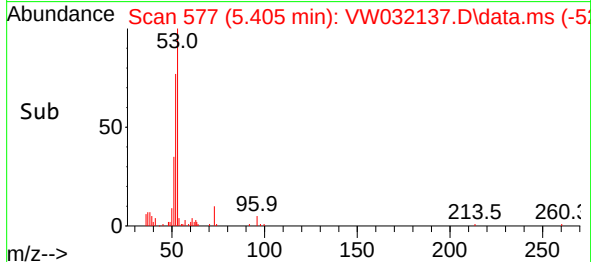
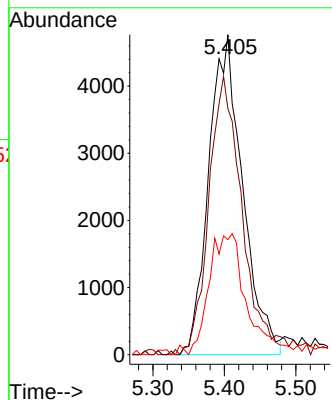
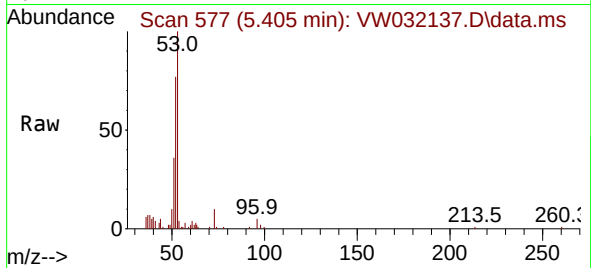




#15
Acrylonitrile
Concen: 23.497 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

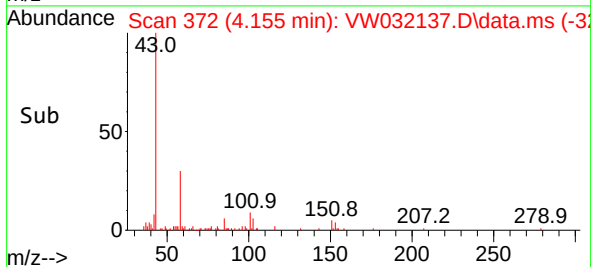
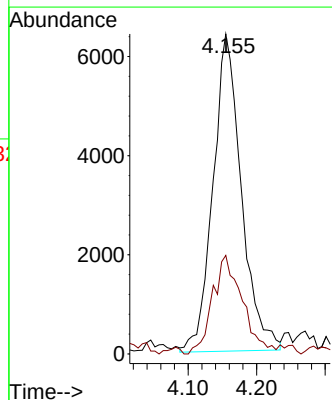
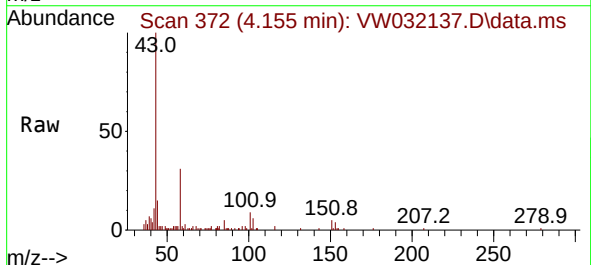
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

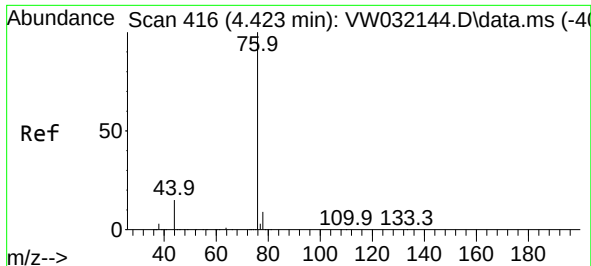
Tgt Ion: 53 Resp: 15695
Ion Ratio Lower Upper
53 100
52 87.2 67.4 101.2
51 41.4 30.3 45.5



#16
Acetone
Concen: 28.723 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 18385
Ion Ratio Lower Upper
43 100
58 29.9 25.3 37.9

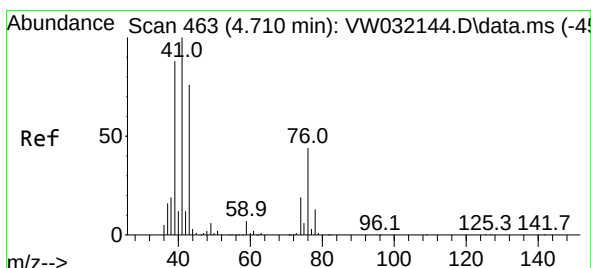
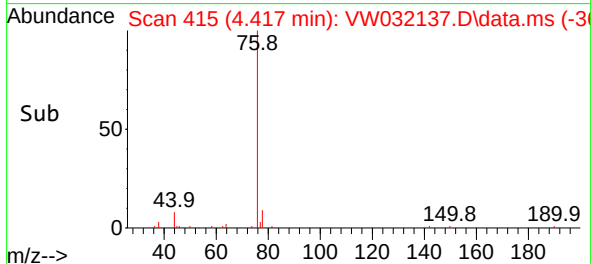
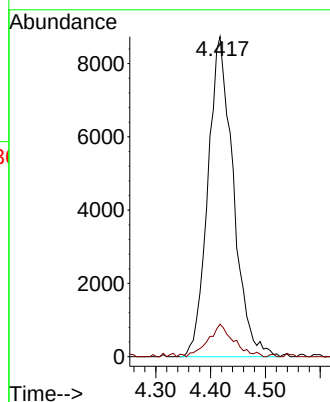
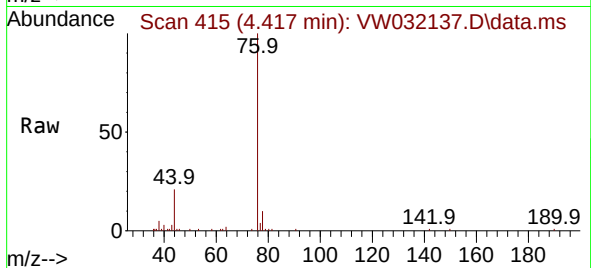




#17
Carbon Disulfide
Concen: 5.134 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

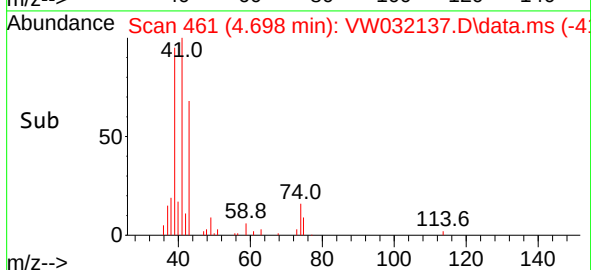
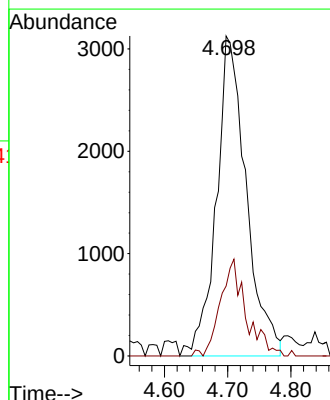
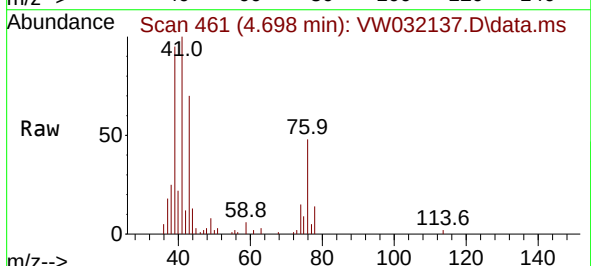
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

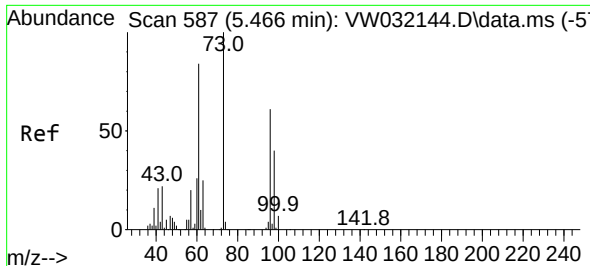
Tgt Ion: 76 Resp: 28048
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 5.004 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 10206
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 4.916 ug/l

RT: 5.466 min Scan# 503

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

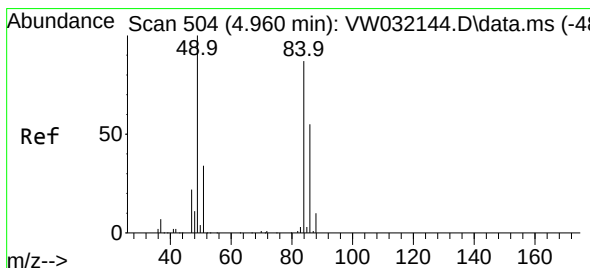
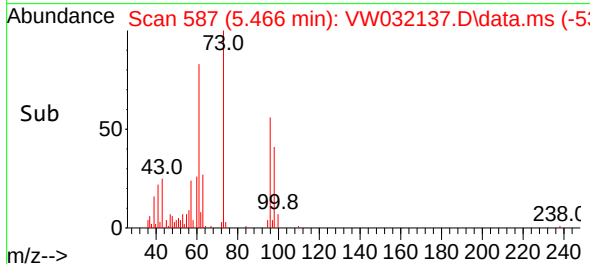
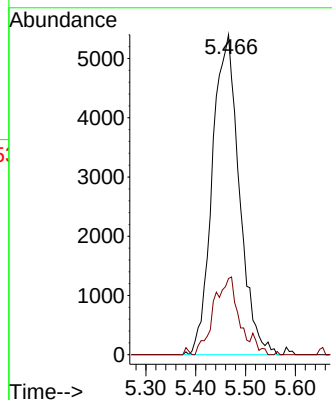
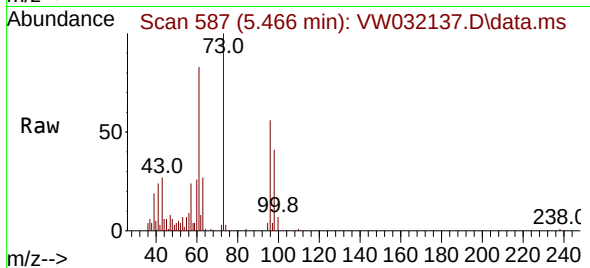
VSTDIC005

Tgt Ion: 73 Resp: 20274

Ion Ratio Lower Upper

73 100

57 23.8 16.2 24.4



#20

Methylene Chloride

Concen: 4.155 ug/l

RT: 4.954 min Scan# 503

Delta R.T. -0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Tgt Ion: 84 Resp: 20105

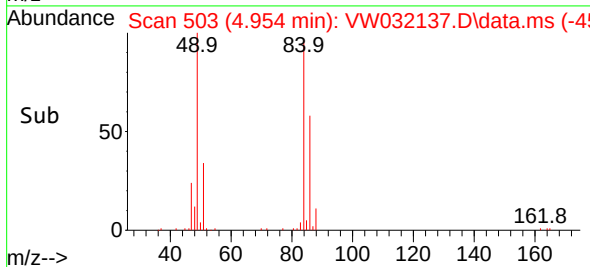
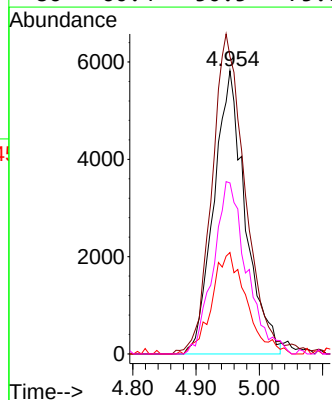
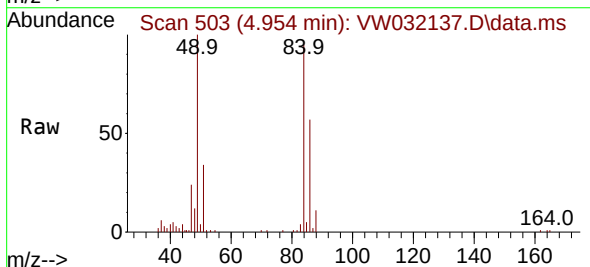
Ion Ratio Lower Upper

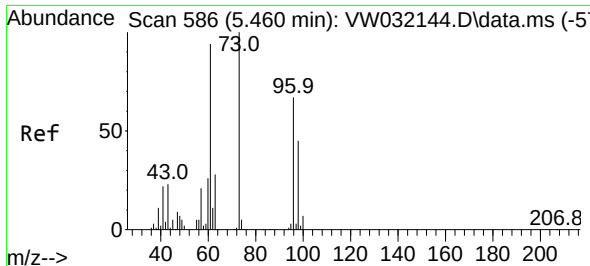
84 100

49 103.8 92.2 138.4

51 34.9 31.0 46.6

86 60.4 50.5 75.7

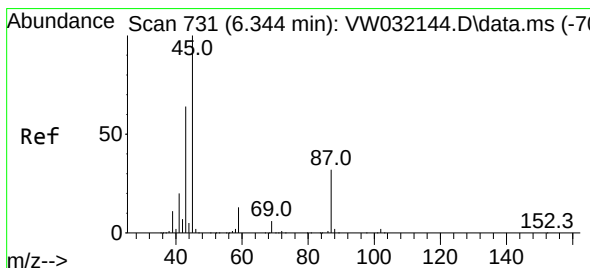
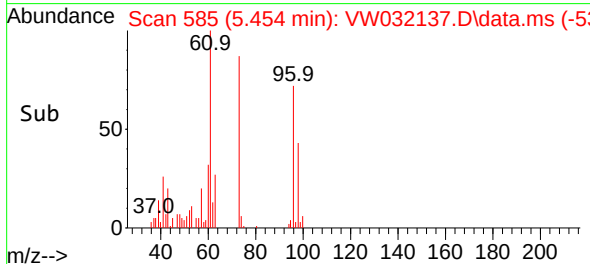
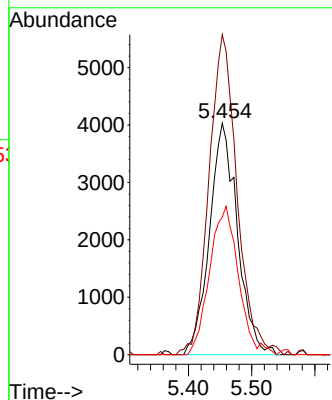
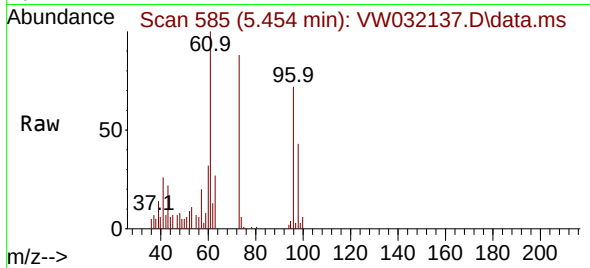




#21
trans-1,2-Dichloroethene
Concen: 5.060 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

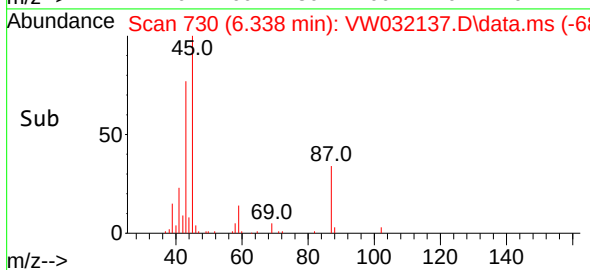
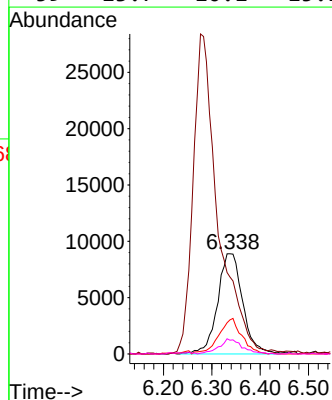
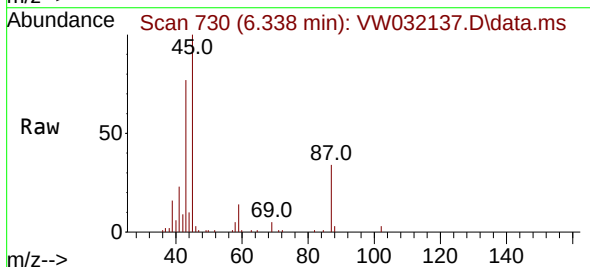
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

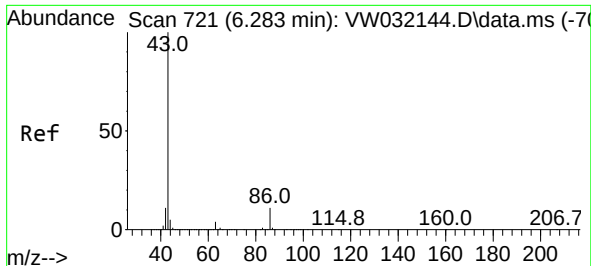
Tgt Ion: 96 Resp: 12345
Ion Ratio Lower Upper
96 100
61 136.6 112.5 168.7
98 59.4 54.2 81.4



#22
Diisopropyl ether
Concen: 4.750 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 45 Resp: 32072
Ion Ratio Lower Upper
45 100
43 74.2 51.4 77.2
87 34.0 25.9 38.9
59 13.7 10.1 15.1

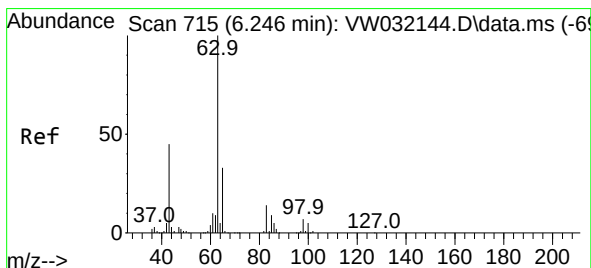
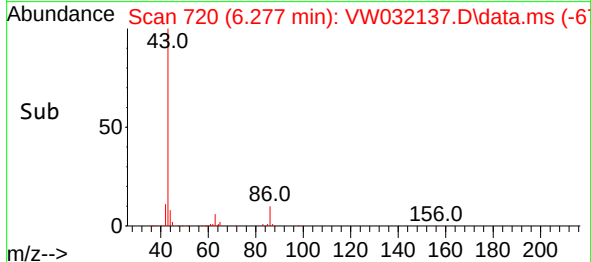
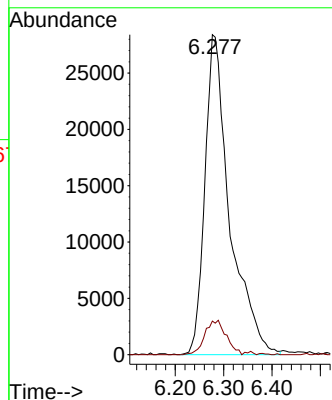
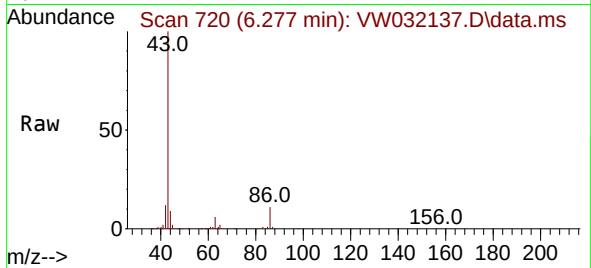




#23
 Vinyl Acetate
 Concen: 22.074 ug/l
 RT: 6.277 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

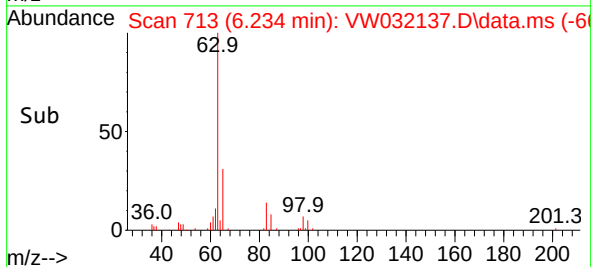
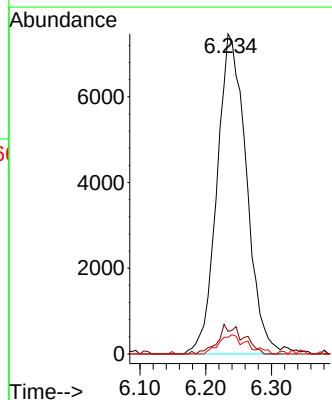
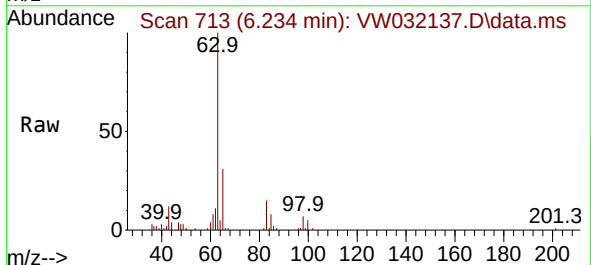
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

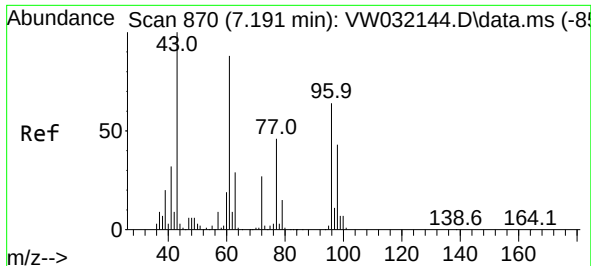
Tgt Ion: 43 Resp: 101339
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 5.227 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

Tgt Ion: 63 Resp: 23105
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 5.3 2.5 7.5

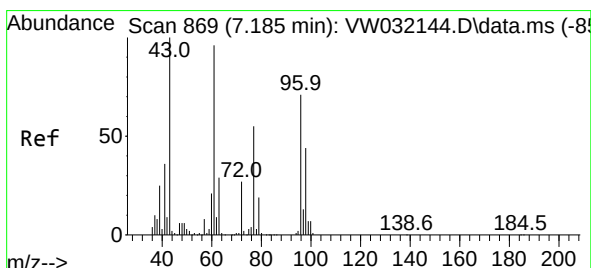
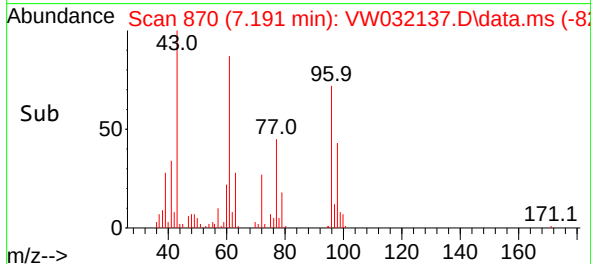
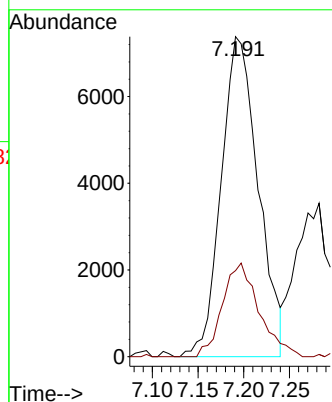
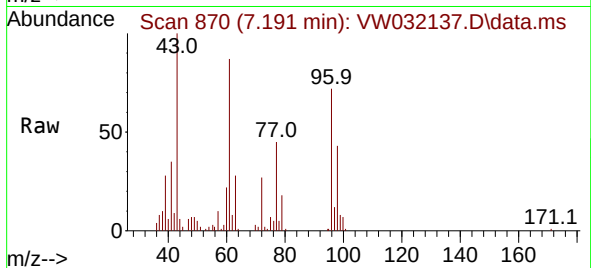




#25
2-Butanone
Concen: 22.919 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

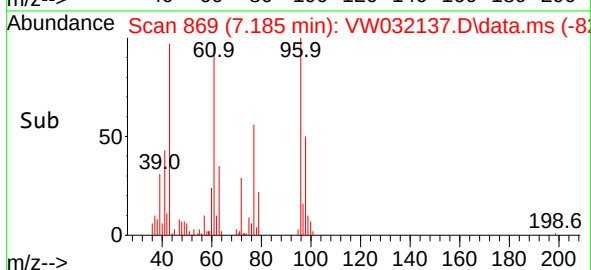
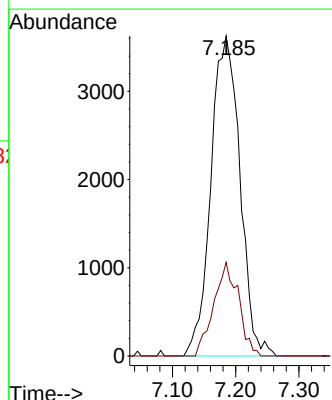
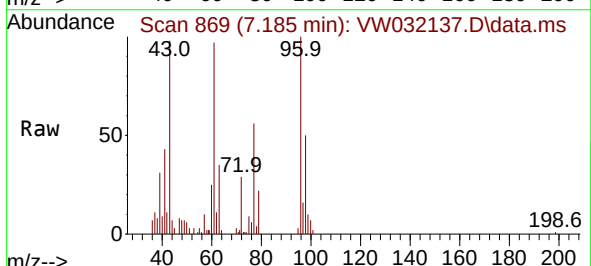
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

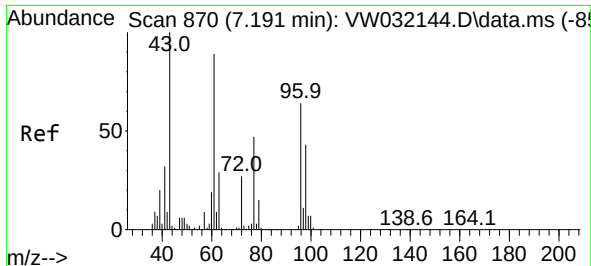
Tgt Ion: 43 Resp: 20788
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 4.940 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 77 Resp: 11564
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 5.112 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

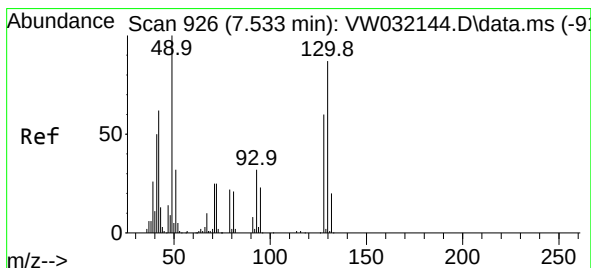
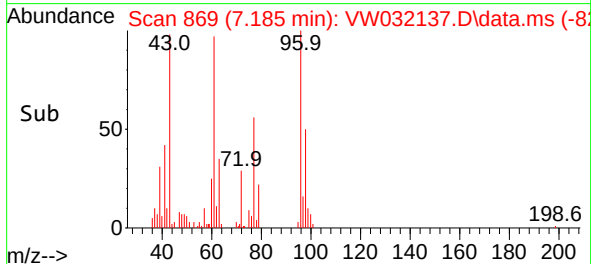
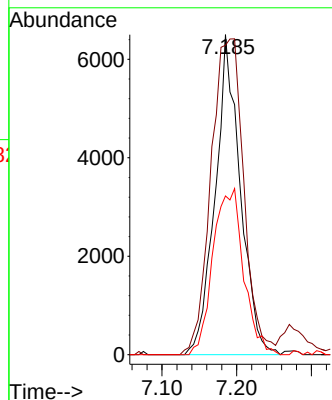
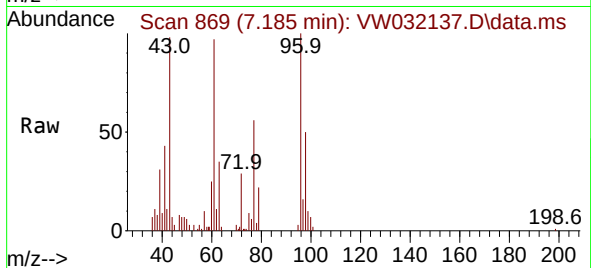
Tgt Ion: 96 Resp: 15178

Ion Ratio Lower Upper

96 100

61 129.1 0.0 268.0

98 63.3 0.0 130.8



#28

Bromochloromethane

Concen: 5.092 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

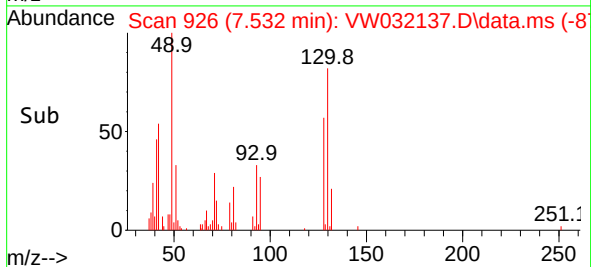
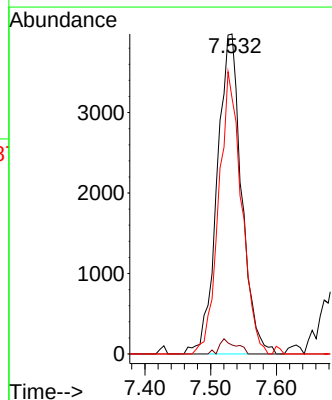
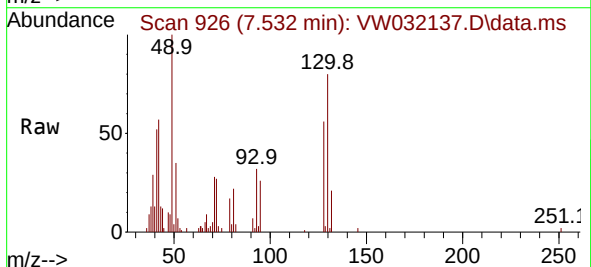
Tgt Ion: 49 Resp: 10305

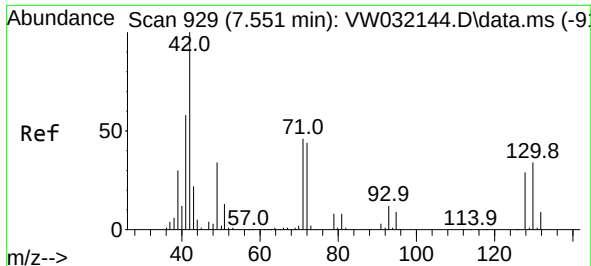
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.2

130 82.0 67.5 101.3

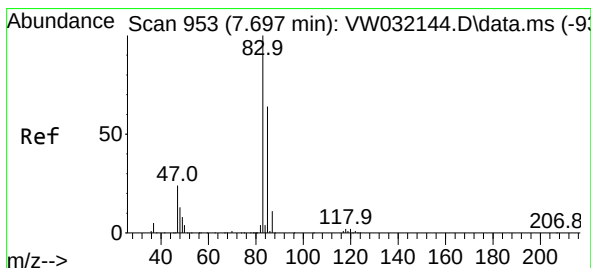
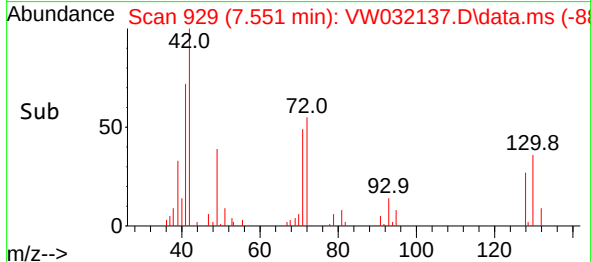
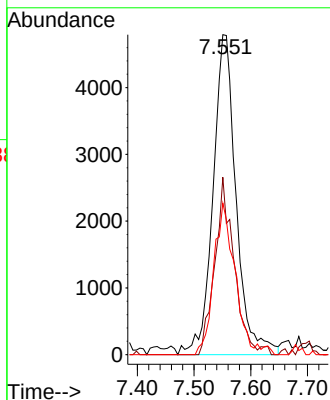
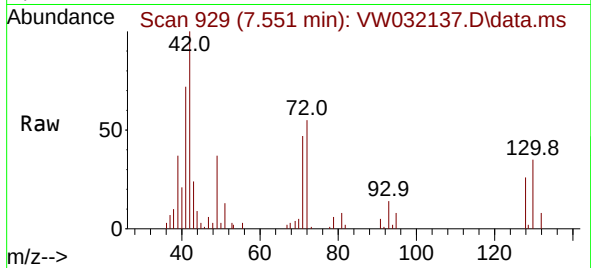




#29
Tetrahydrofuran
Concen: 23.528 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

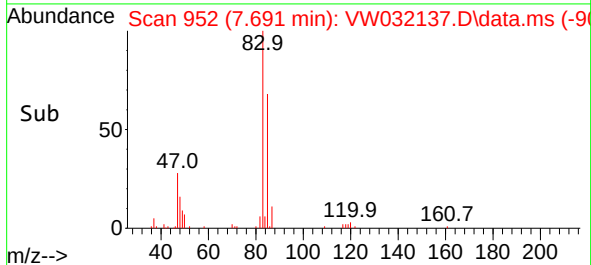
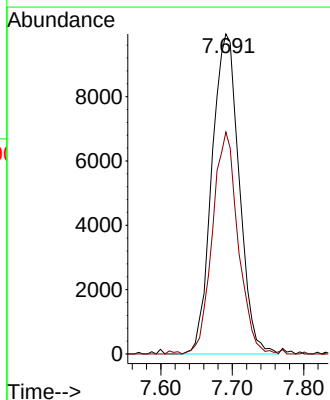
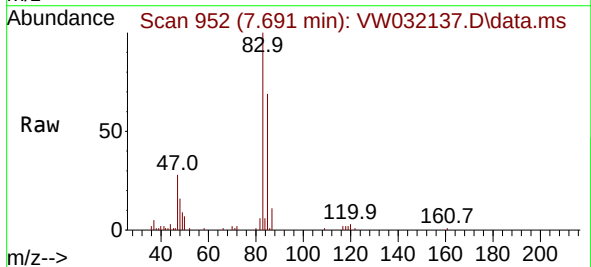
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

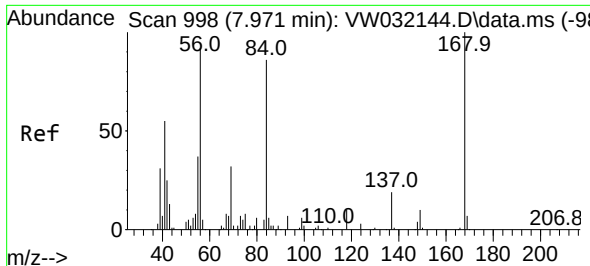
Tgt Ion: 42 Resp: 13561
Ion Ratio Lower Upper
42 100
72 45.6 37.4 56.2
71 42.7 36.0 54.0



#30
Chloroform
Concen: 5.220 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 83 Resp: 26348
Ion Ratio Lower Upper
83 100
85 68.7 51.2 76.8

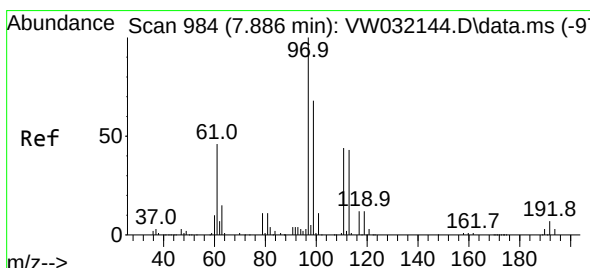
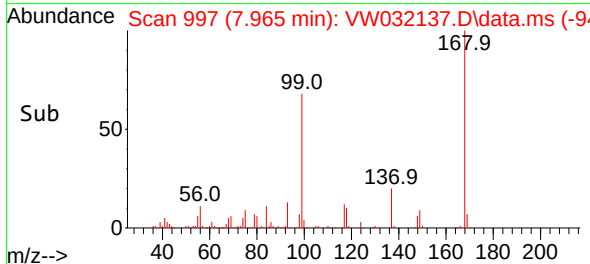
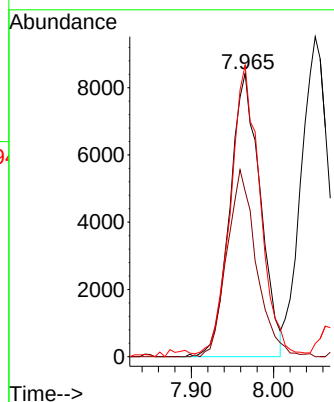
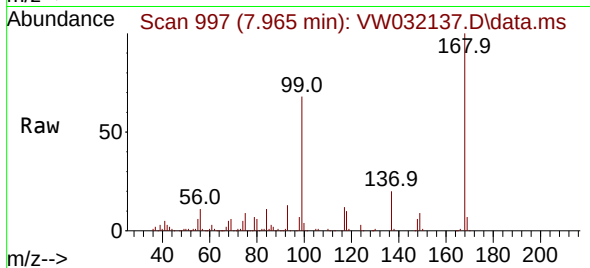




#31
Cyclohexane
Concen: 5.966 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

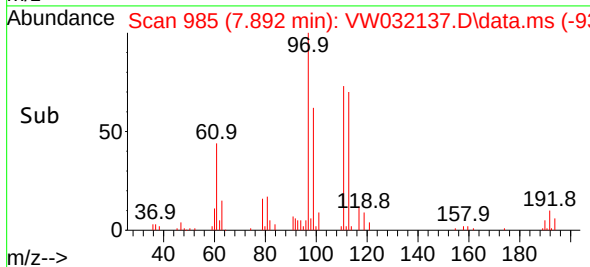
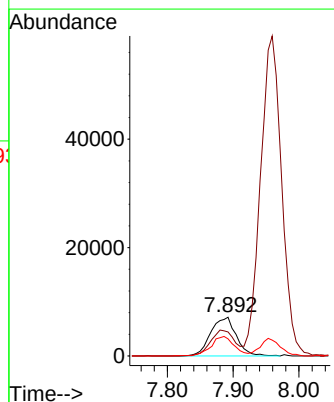
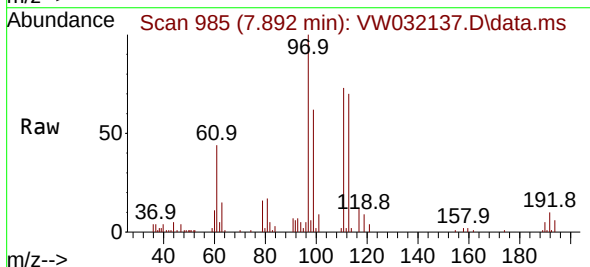
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

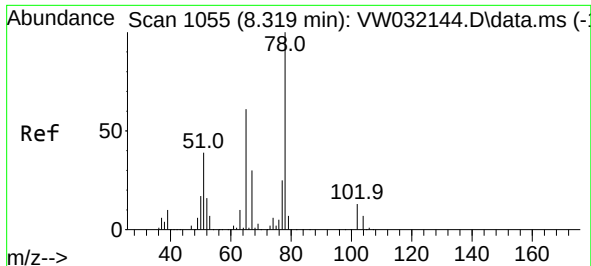
Tgt Ion: 56 Resp: 21648
Ion Ratio Lower Upper
56 100
69 58.4 27.7 41.5#
84 101.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 5.262 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 97 Resp: 19386
Ion Ratio Lower Upper
97 100
99 61.6 50.9 76.3
61 46.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 5.258 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

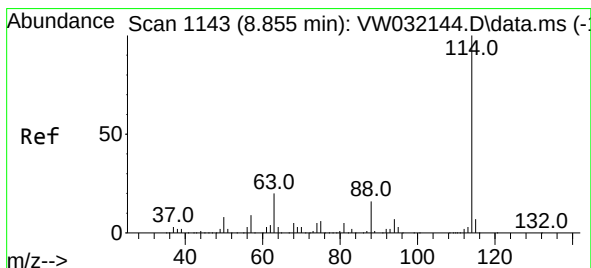
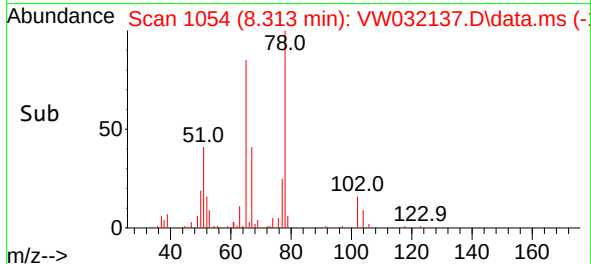
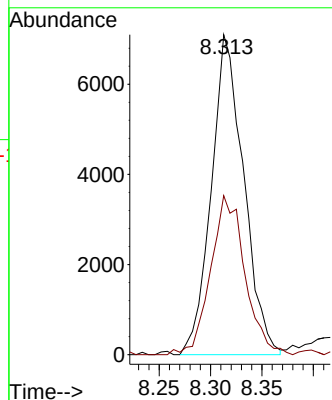
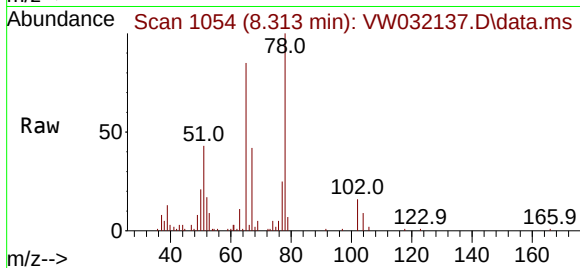
VSTDICC005

Tgt Ion: 65 Resp: 15541

Ion Ratio Lower Upper

65 100

67 52.5 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: VW032137.D

Acq: 26 Aug 2025 09:39

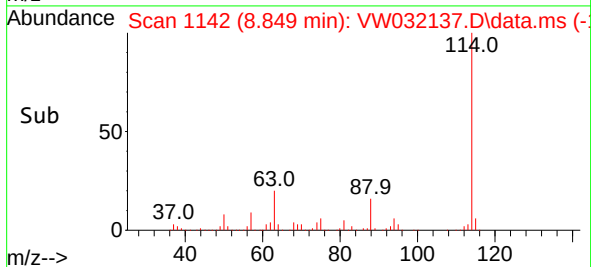
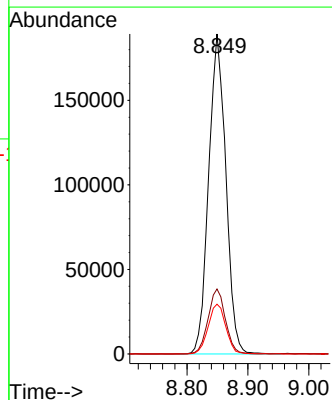
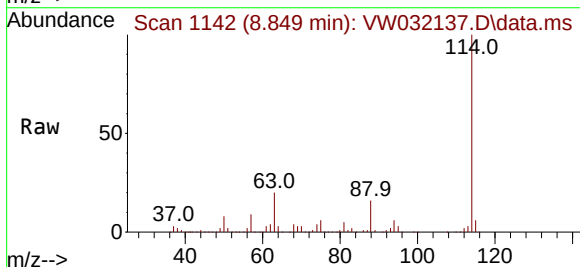
Tgt Ion: 114 Resp: 370444

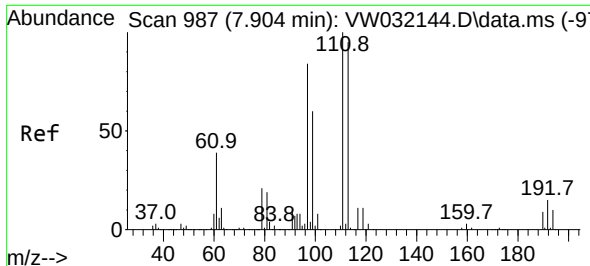
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

88 15.5 0.0 32.0

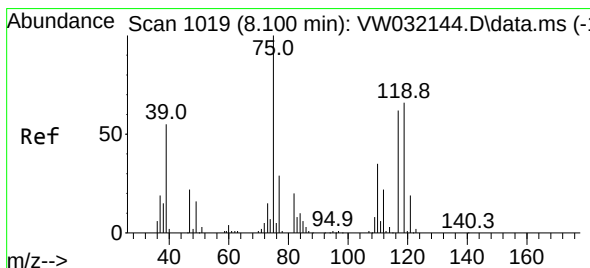
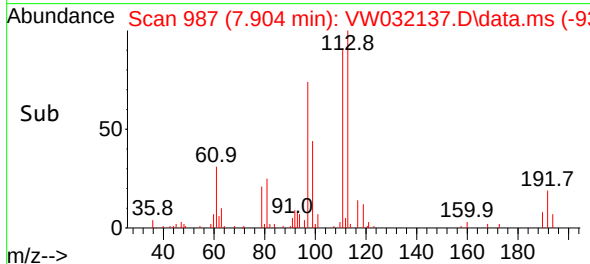
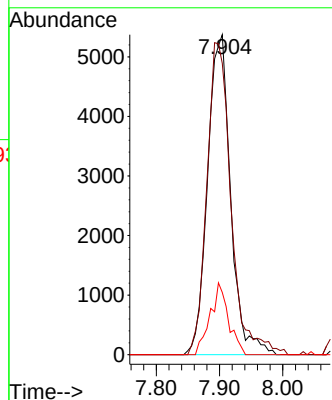
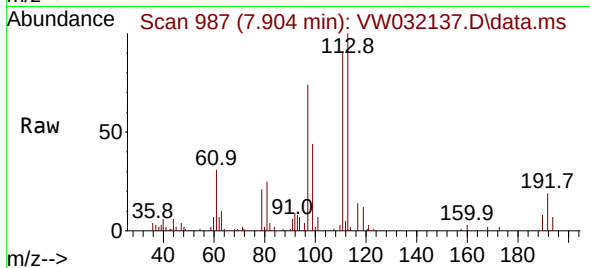




#35
 Dibromofluoromethane
 Concen: 5.233 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

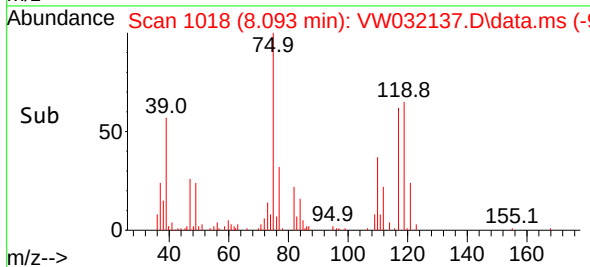
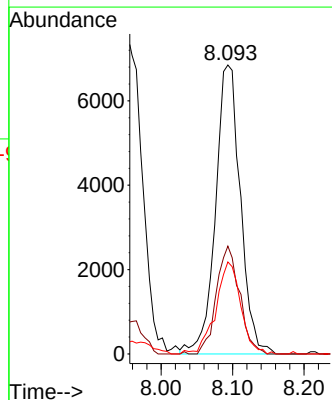
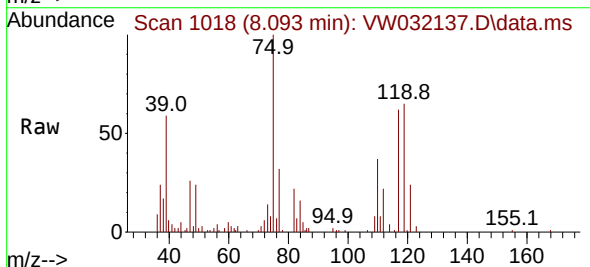
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

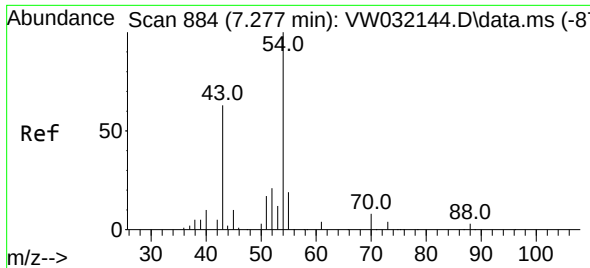
Tgt Ion:113 Resp: 13601
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.9 125.9
 192 17.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032137.D
 Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 16546
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.5 52.5
 77 32.0 24.1 36.1

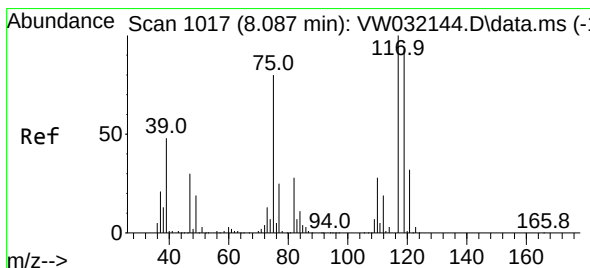
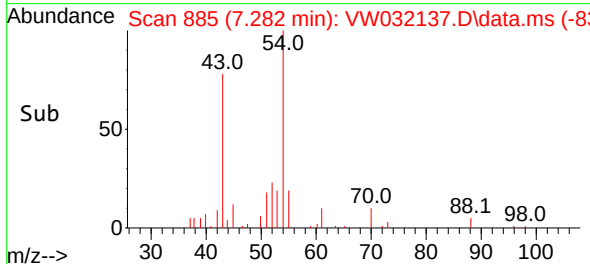
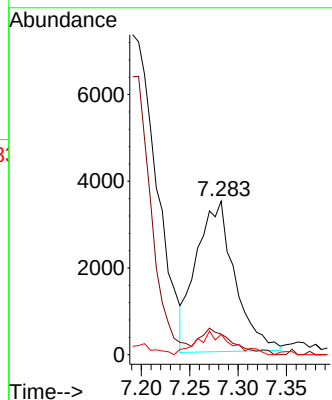
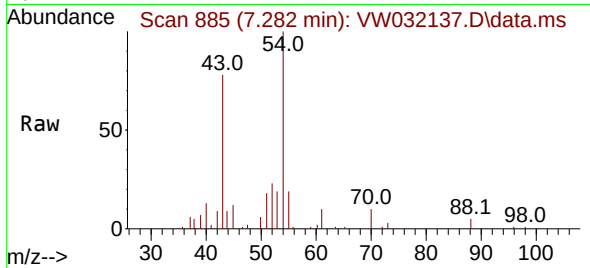




#37
Ethyl Acetate
Concen: 4.752 ug/l
RT: 7.282 min Scan# 885
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

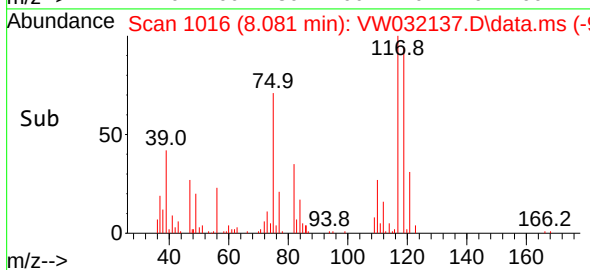
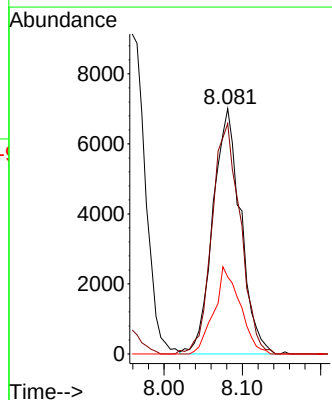
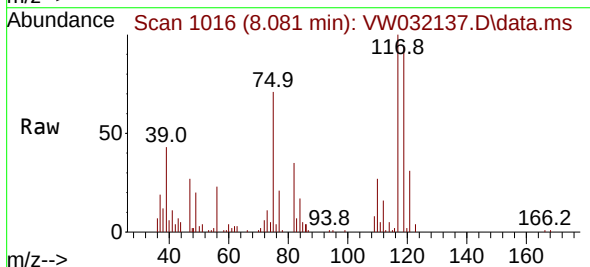
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

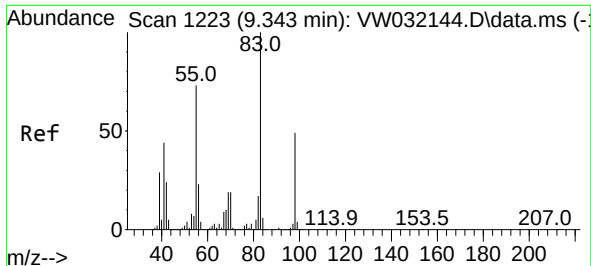
Tgt Ion: 43 Resp: 9606
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 13.9 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 4.786 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 117 Resp: 17291
Ion Ratio Lower Upper
117 100
119 93.9 74.2 111.2
121 31.4 25.6 38.4

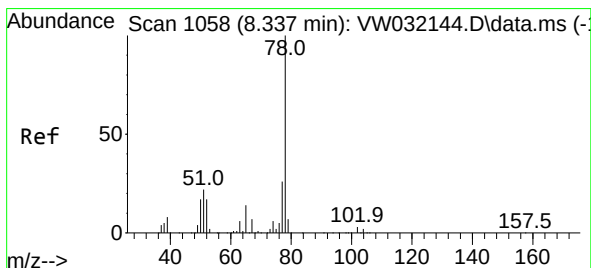
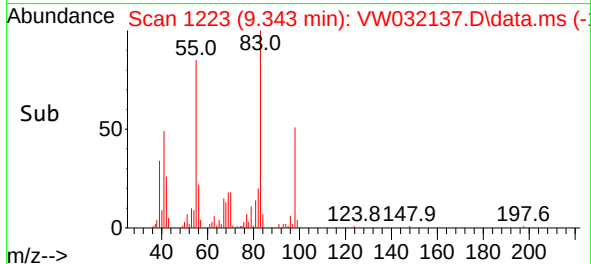
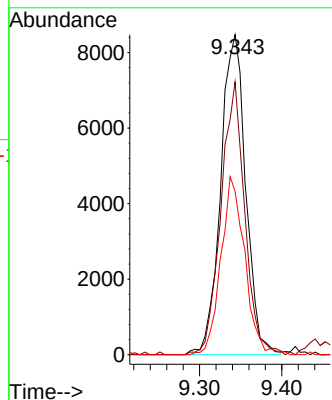
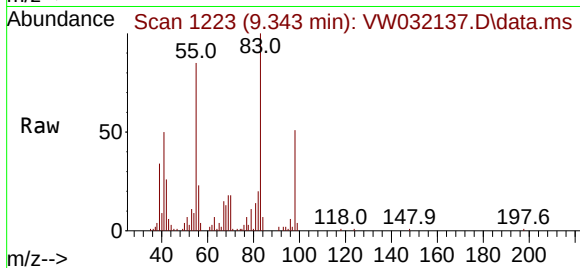




#39
Methylcyclohexane
Concen: 4.510 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

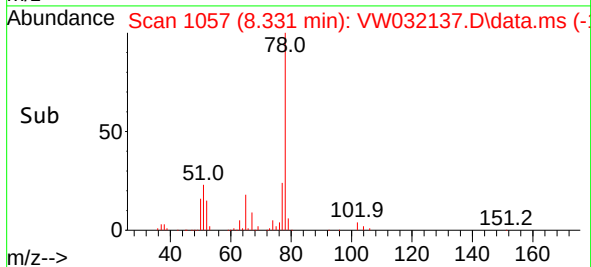
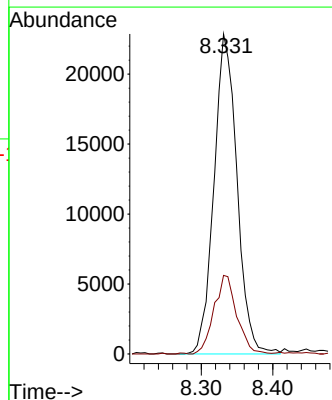
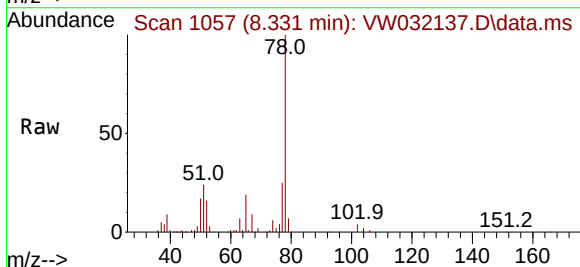
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

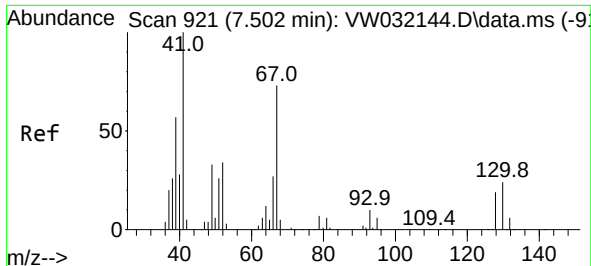
Tgt Ion: 83 Resp: 18002
Ion Ratio Lower Upper
83 100
55 85.3 58.4 87.6
98 51.1 39.4 59.2



#40
Benzene
Concen: 4.912 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 78 Resp: 51163
Ion Ratio Lower Upper
78 100
77 24.2 20.7 31.1

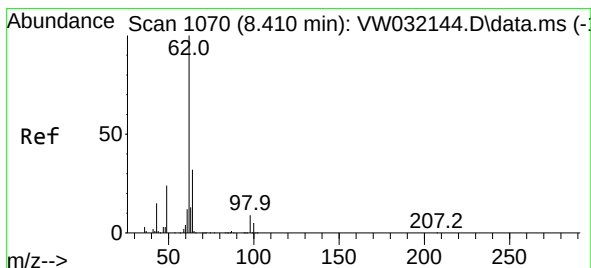
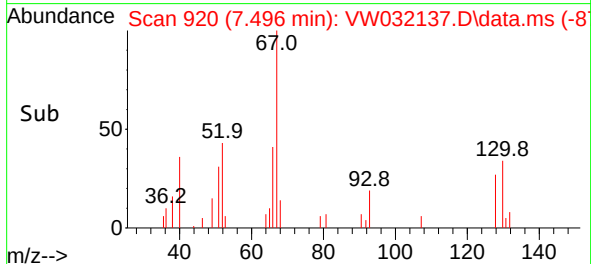
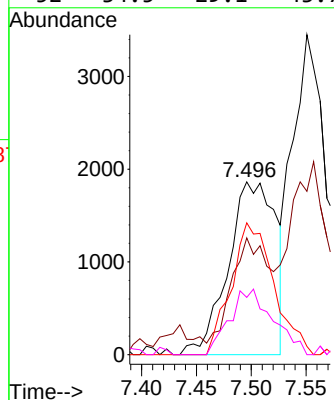
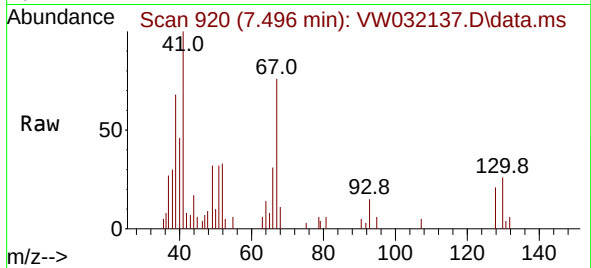




#41
Methacrylonitrile
Concen: 5.015 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

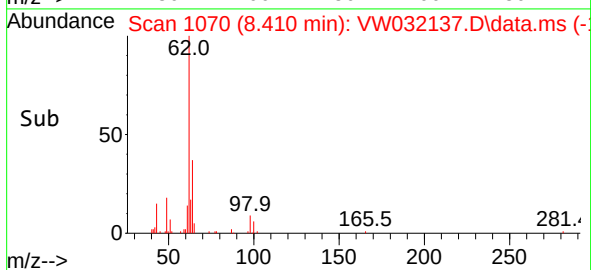
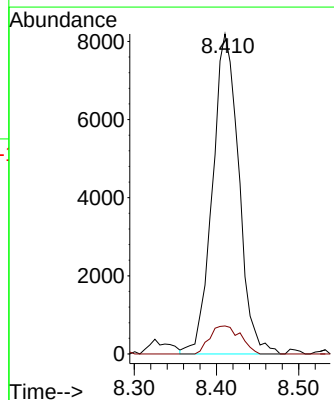
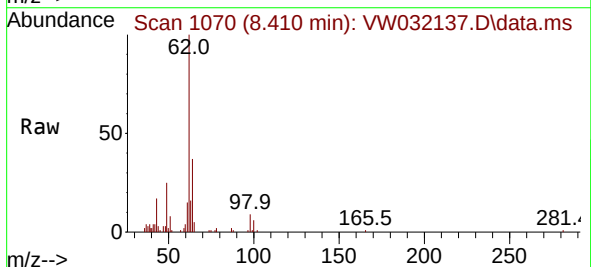
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

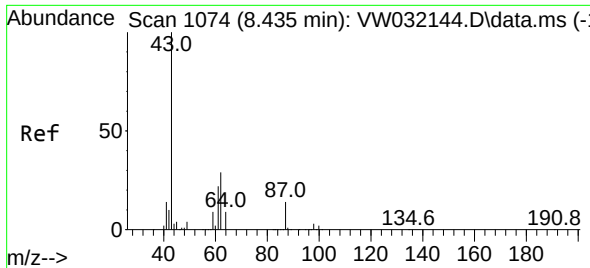
Tgt Ion:	41	Resp:	5632
Ion	Ratio	Lower	Upper
41	100		
39	48.2	50.9	76.3#
67	68.1	65.6	98.4
52	34.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 5.052 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:	62	Resp:	18244
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0

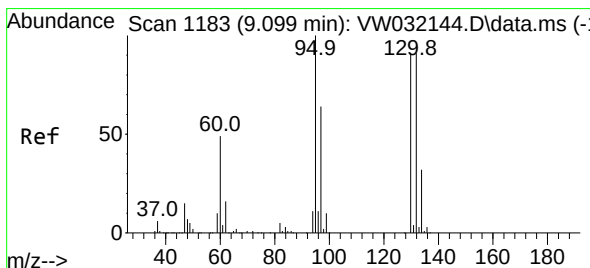
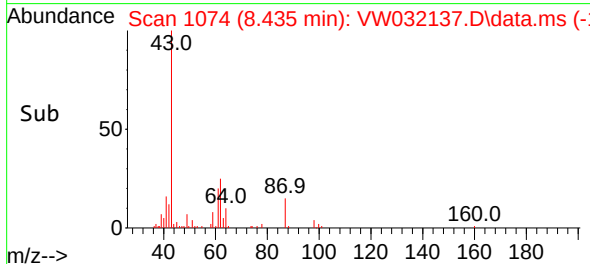
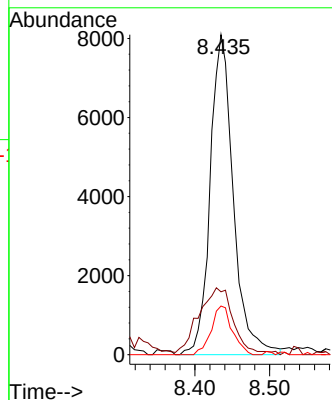
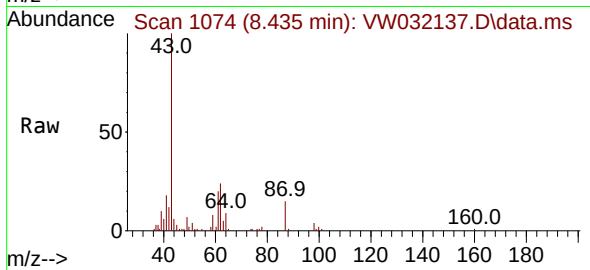




#43
Isopropyl Acetate
Concen: 4.594 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

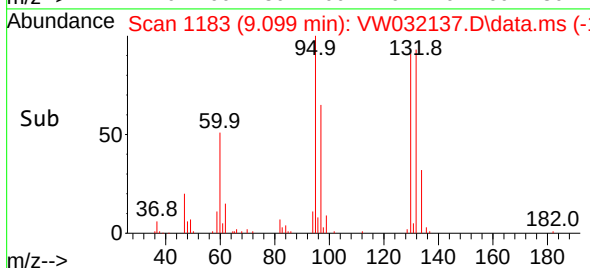
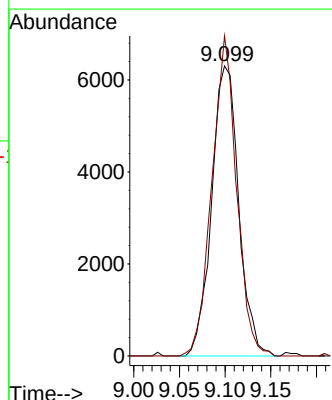
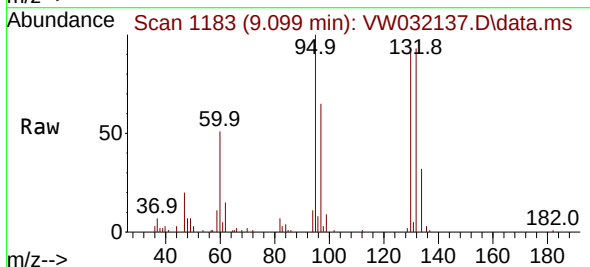
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

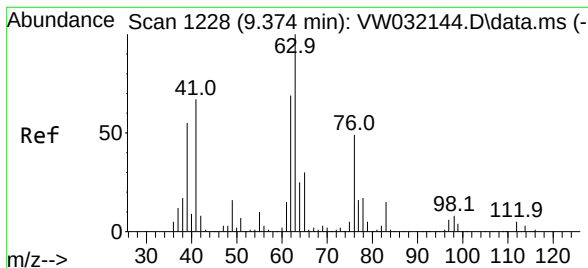
Tgt Ion: 43	Resp: 17422
Ion Ratio	Lower Upper
43 100	
61 31.4	23.3 34.9
87 13.8	11.1 16.7



#44
Trichloroethene
Concen: 4.954 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:130	Resp:	12977	
Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	220.0





#45

1,2-Dichloropropane

Concen: 4.983 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

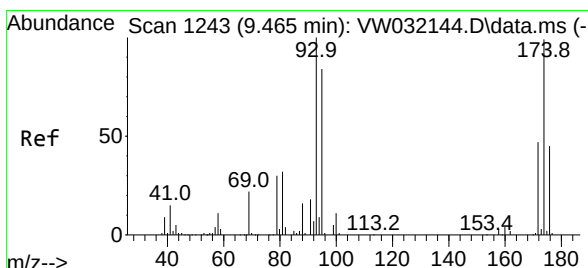
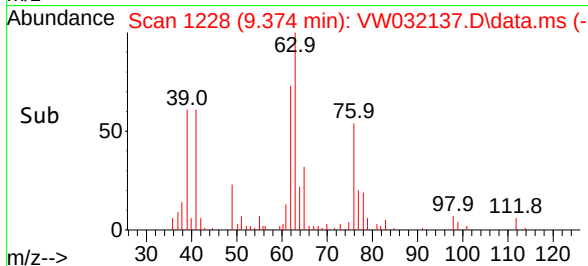
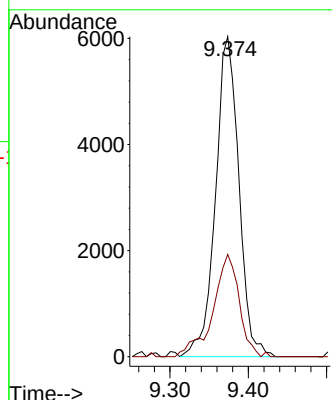
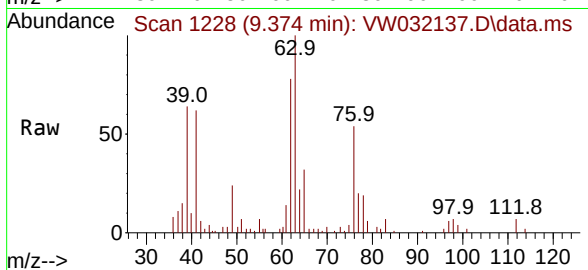
VSTDIC005

Tgt Ion: 63 Resp: 12512

Ion Ratio Lower Upper

63 100

65 32.0 24.3 36.5



#46

Dibromomethane

Concen: 4.962 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

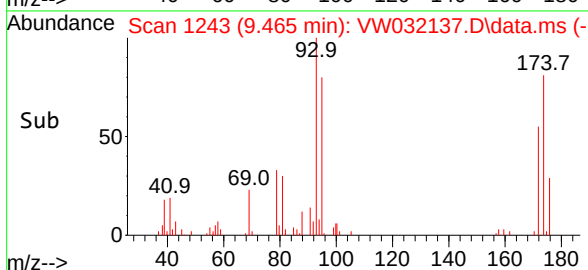
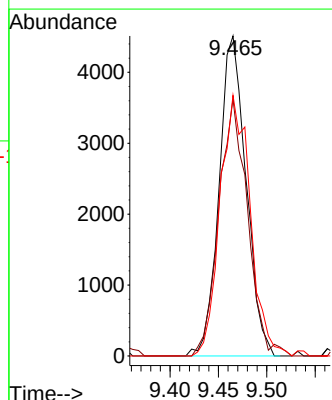
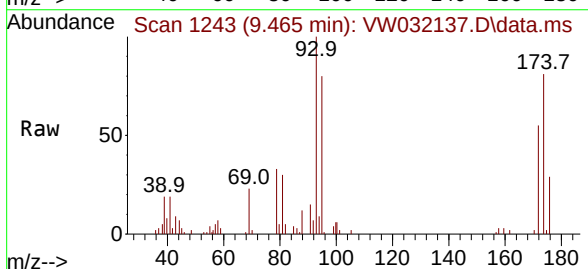
Tgt Ion: 93 Resp: 8740

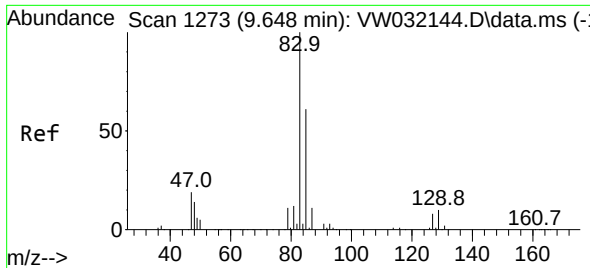
Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.2

174 90.9 75.7 113.5

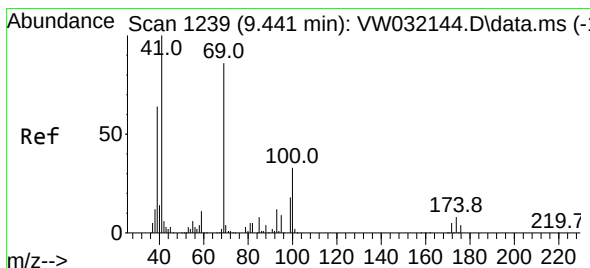
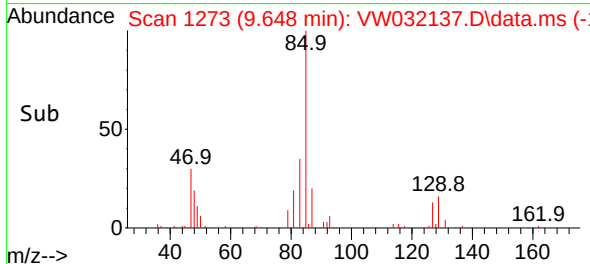
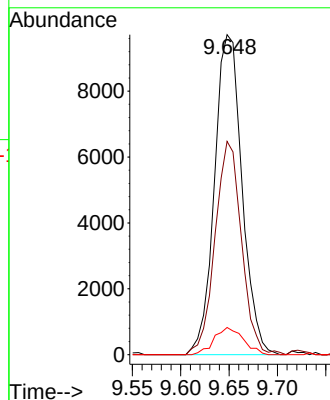
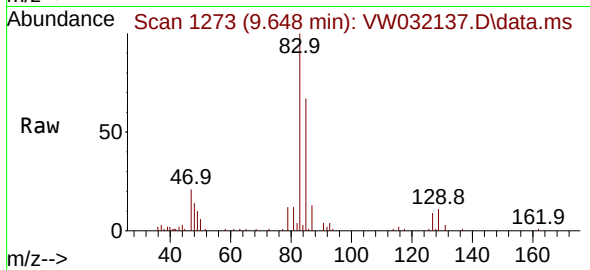




#47
Bromodichloromethane
Concen: 4.811 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

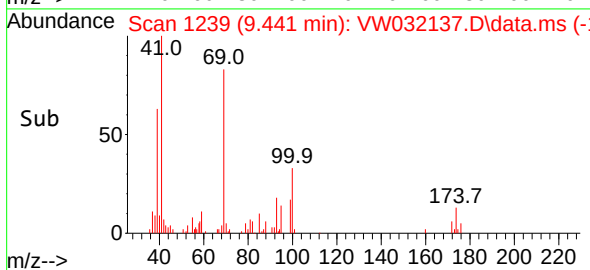
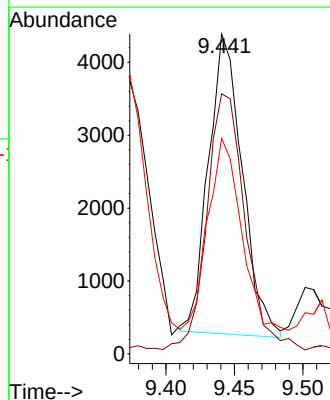
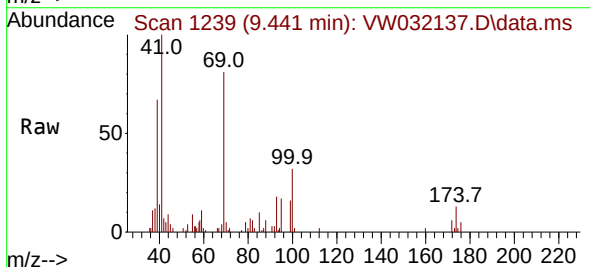
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

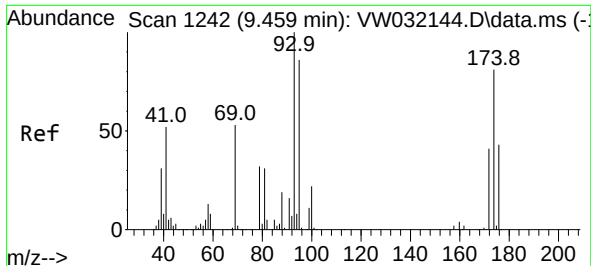
Tgt Ion:	83	Resp:	19254
Ion	Ratio	Lower	Upper
83	100		
85	66.6	48.7	73.1
127	8.5	6.4	9.6



#48
Methyl methacrylate
Concen: 4.036 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:	41	Resp:	7054
Ion	Ratio	Lower	Upper
41	100		
69	101.0	71.5	107.3
39	77.8	55.9	83.9





#49

1,4-Dioxane

Concen: 88.770 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

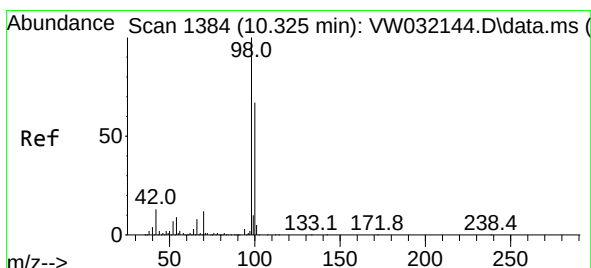
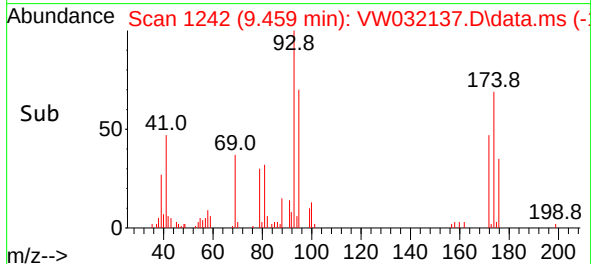
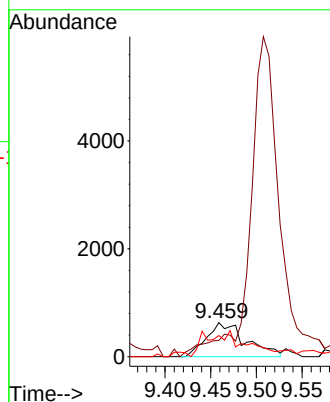
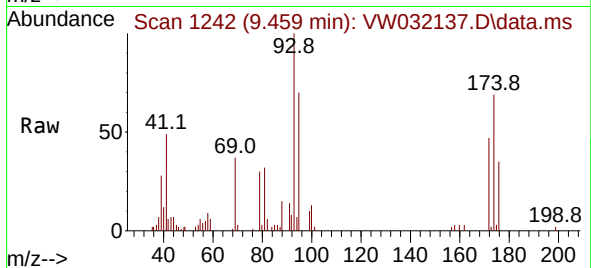
Tgt Ion: 88 Resp: 1889

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 14.2 55.4 83.0#



#50

Toluene-d8

Concen: 4.764 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032137.D

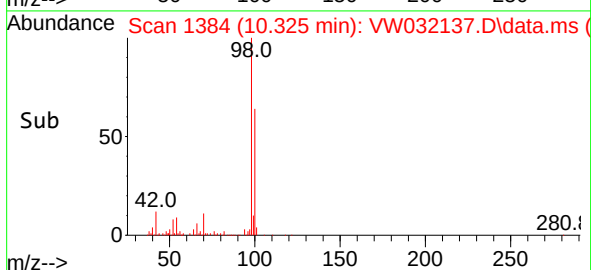
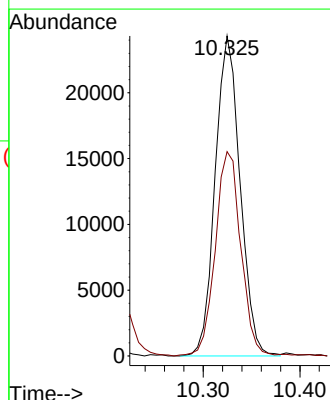
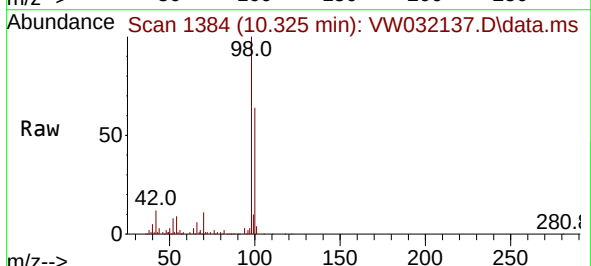
Acq: 26 Aug 2025 09:39

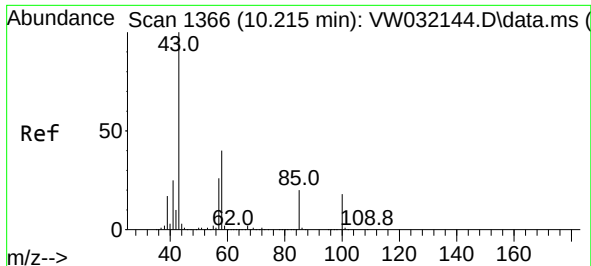
Tgt Ion: 98 Resp: 43464

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.2

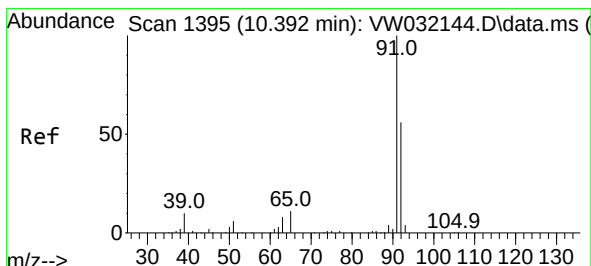
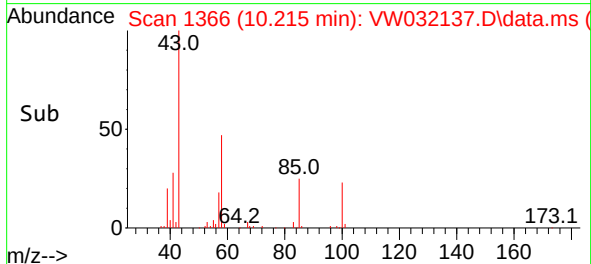
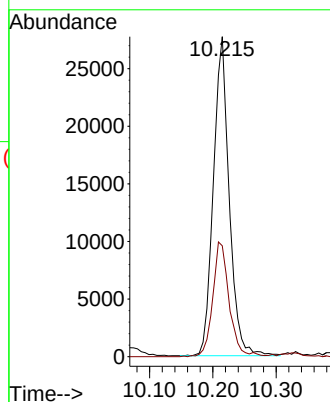
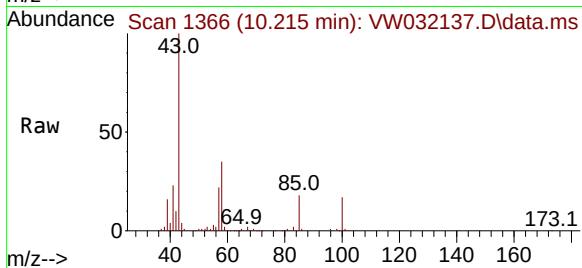




#51
4-Methyl-2-Pentanone
Concen: 22.475 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

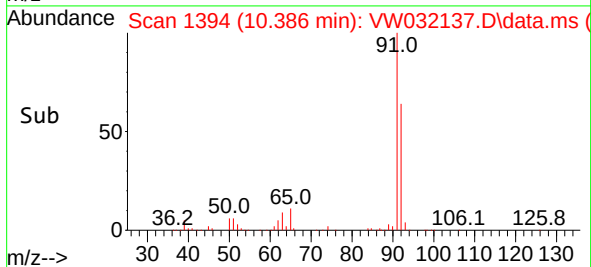
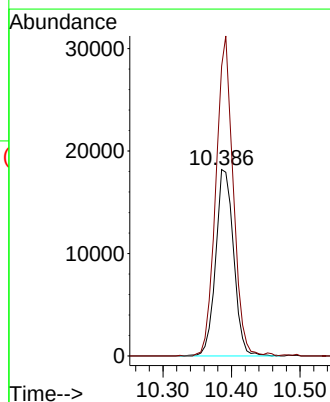
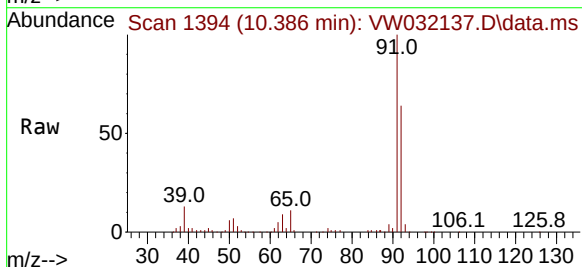
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

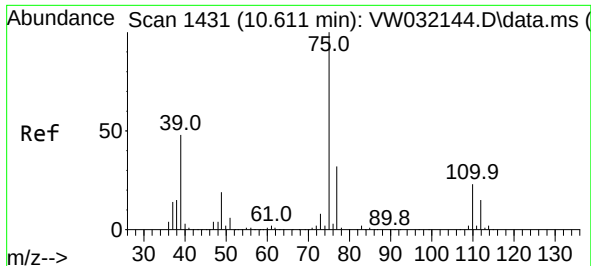
Tgt Ion: 43 Resp: 48128
Ion Ratio Lower Upper
43 100
58 37.3 32.0 48.0



#52
Toluene
Concen: 4.841 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 92 Resp: 32955
Ion Ratio Lower Upper
92 100
91 165.2 137.5 206.3

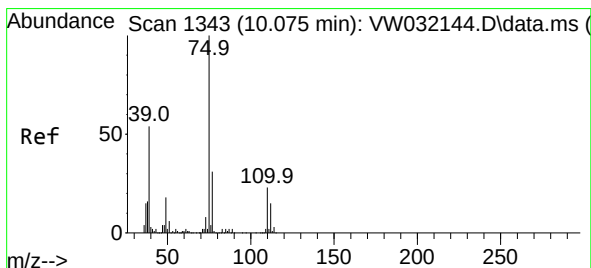
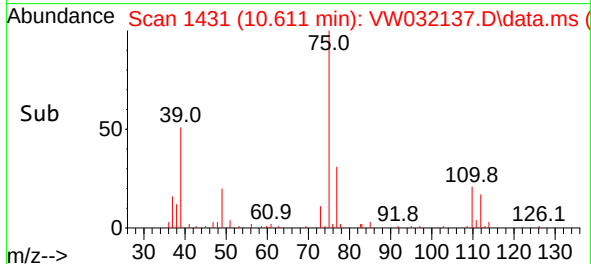
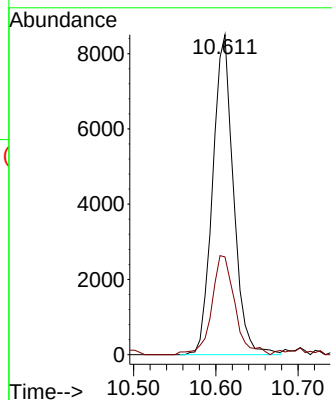
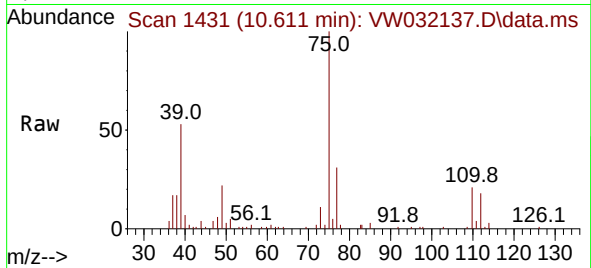




#53
t-1,3-Dichloropropene
Concen: 4.229 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

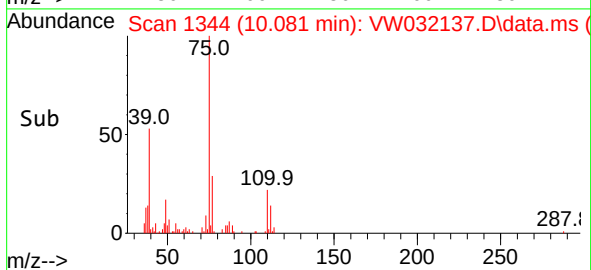
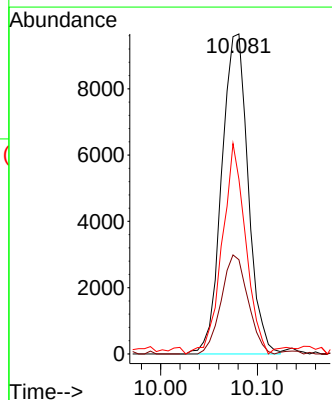
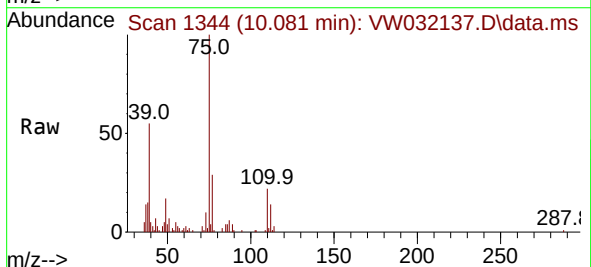
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

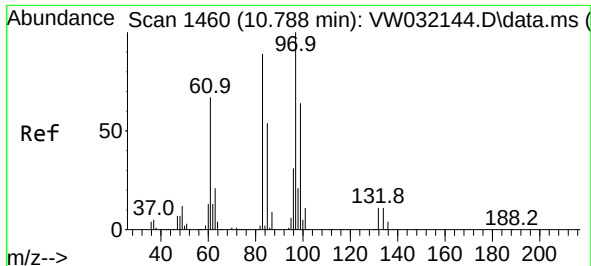
Tgt Ion: 75 Resp: 14930
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 4.541 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 18295
Ion Ratio Lower Upper
75 100
77 29.4 25.1 37.7
39 52.9 43.2 64.8

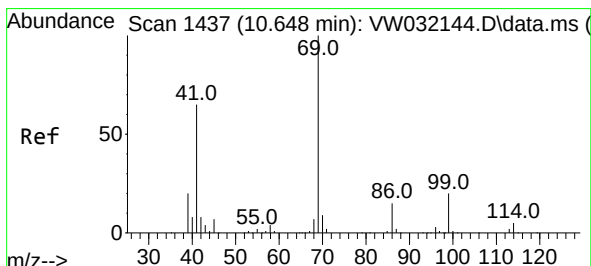
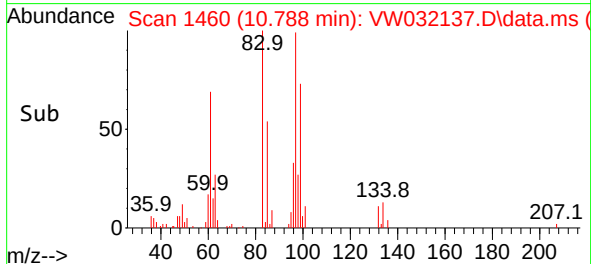
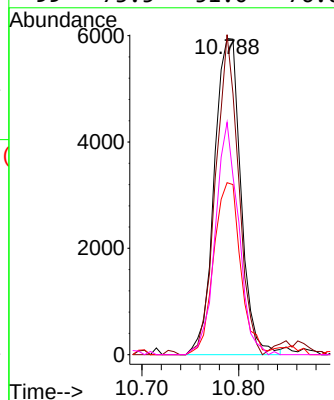
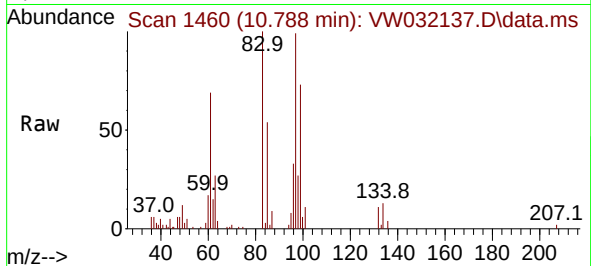




#55
1,1,2-Trichloroethane
Concen: 4.949 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

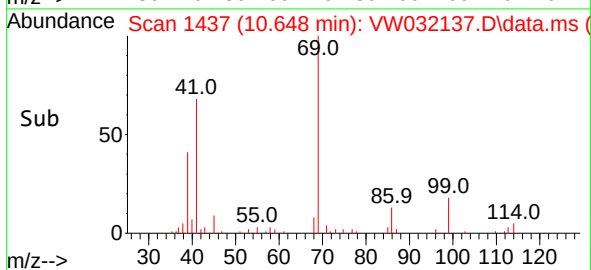
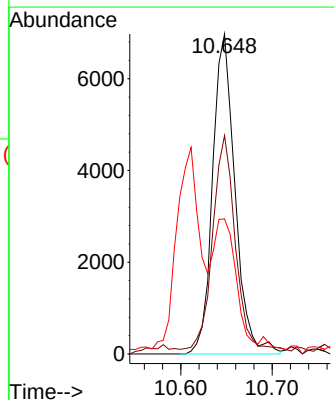
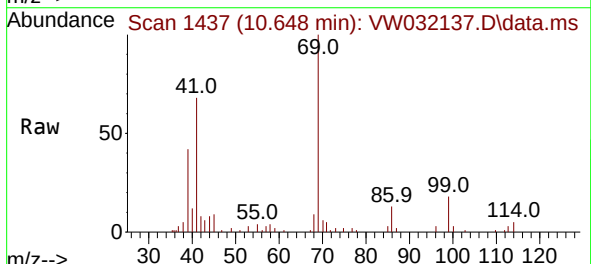
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

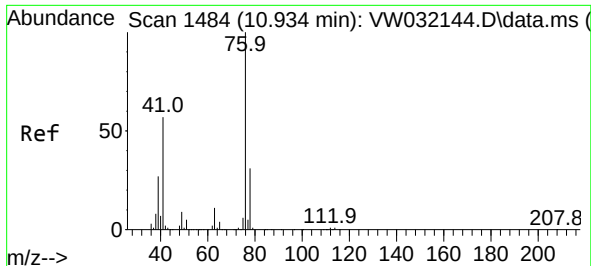
Tgt Ion: 97	Resp: 11334
Ion Ratio	Lower Upper
97 100	
83 101.2	71.0 106.6
85 54.4	42.8 64.2
99 73.5	51.0 76.6



#56
Ethyl methacrylate
Concen: 4.058 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 69	Resp: 11883
Ion Ratio	Lower Upper
69 100	
41 68.8	53.2 79.8
39 38.3	32.9 49.3





#57

1,3-Dichloropropane

Concen: 4.897 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

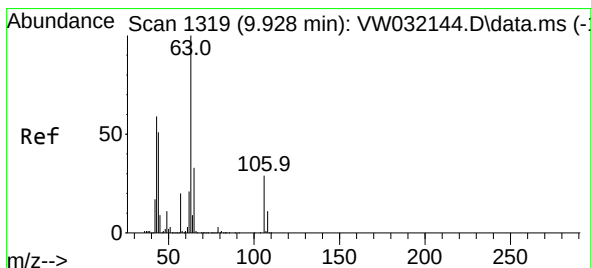
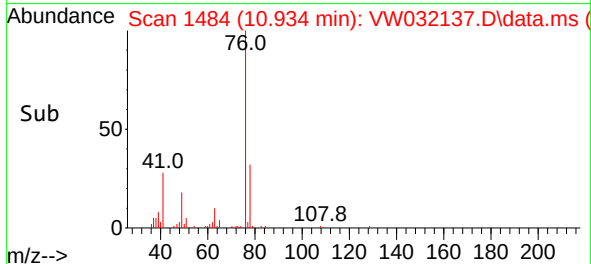
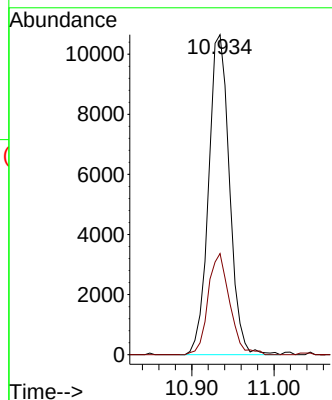
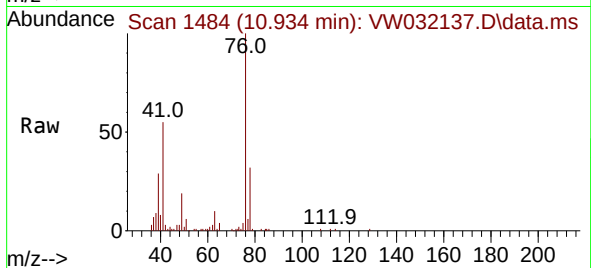
VSTDIC005

Tgt Ion: 76 Resp: 18781

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 20.226 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032137.D

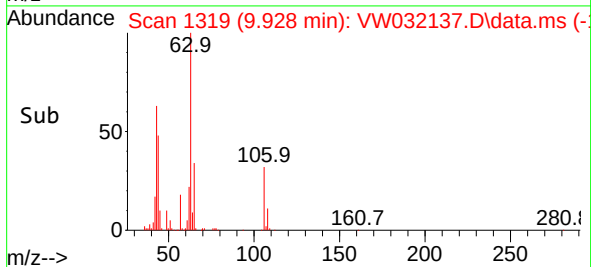
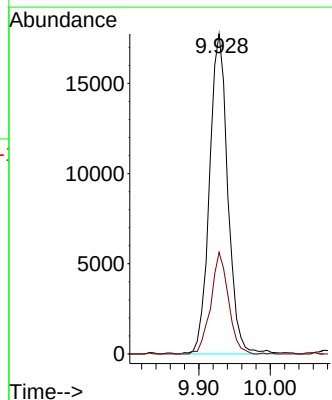
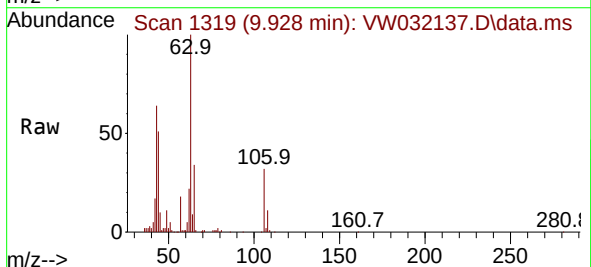
Acq: 26 Aug 2025 09:39

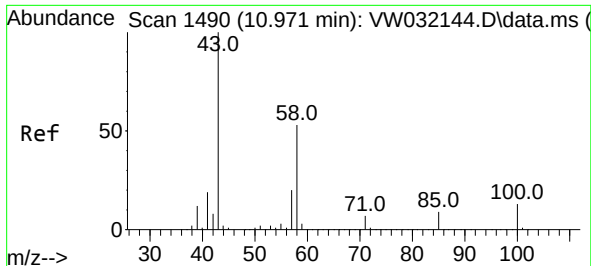
Tgt Ion: 63 Resp: 31610

Ion Ratio Lower Upper

63 100

106 30.5 24.3 36.5

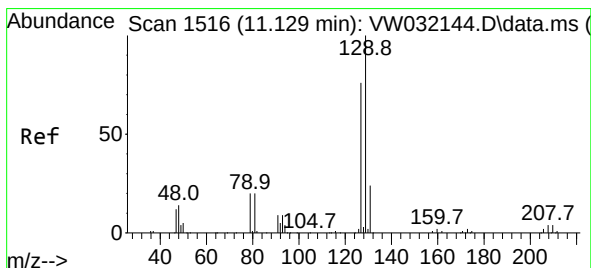
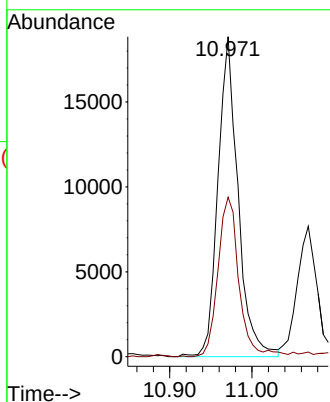
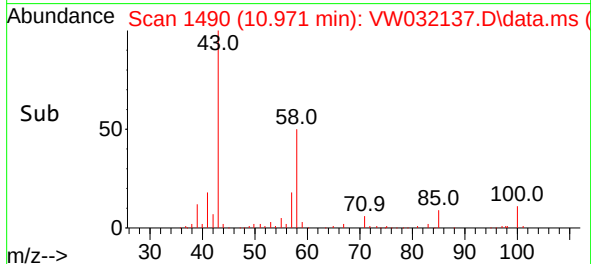
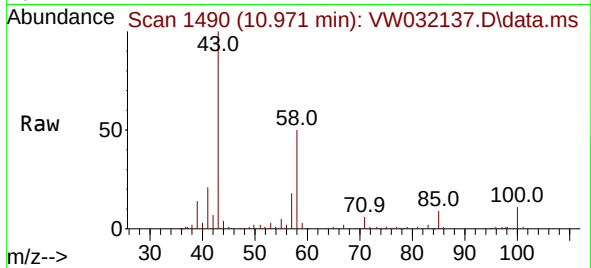




#59
2-Hexanone
Concen: 21.520 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

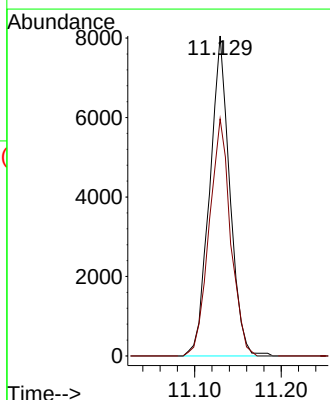
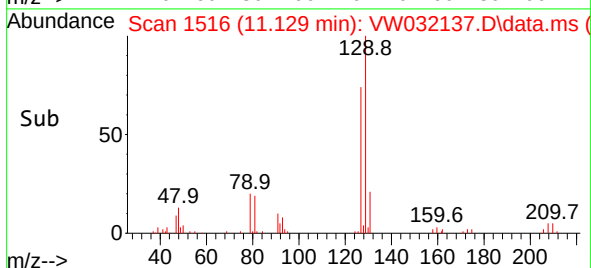
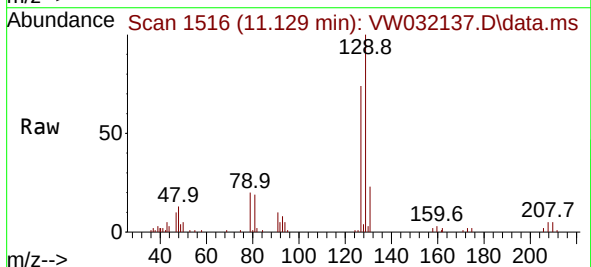
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

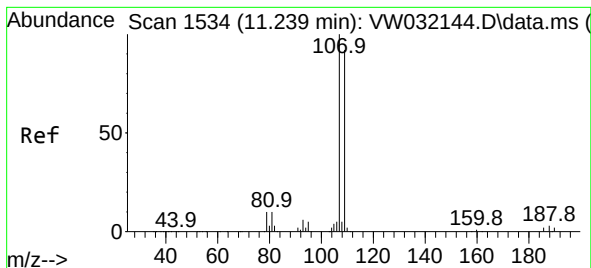
Tgt Ion: 43 Resp: 32049
Ion Ratio Lower Upper
43 100
58 50.6 27.5 82.4



#60
Dibromochloromethane
Concen: 4.696 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 129 Resp: 13014
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5

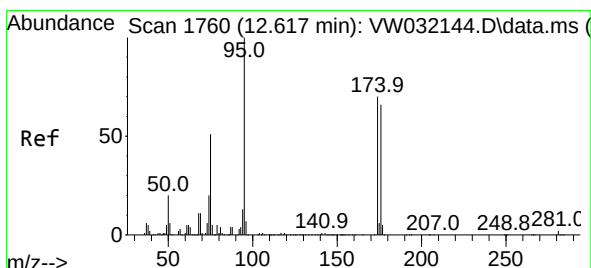
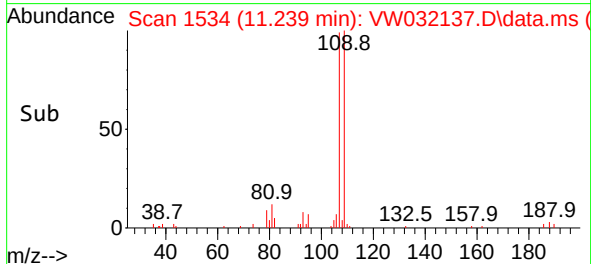
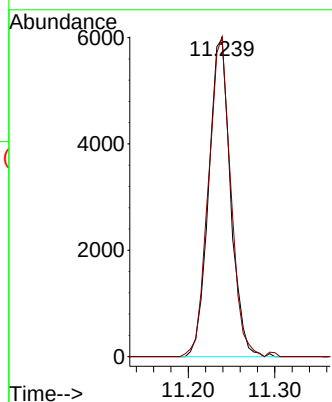
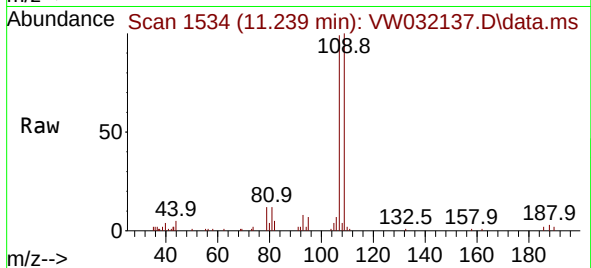




#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

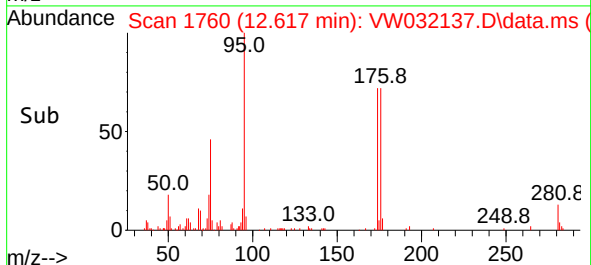
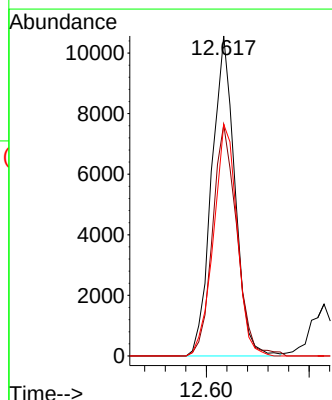
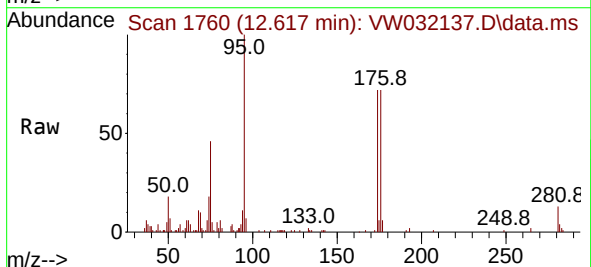
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

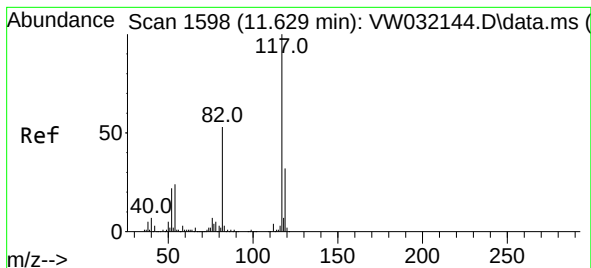
Tgt Ion:107 Resp: 10499
Ion Ratio Lower Upper
107 100
109 101.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 4.914 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 95 Resp: 16578
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.6
176 73.3 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: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

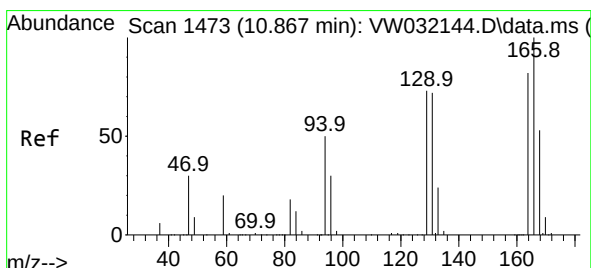
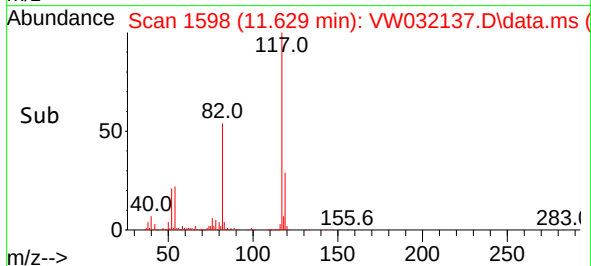
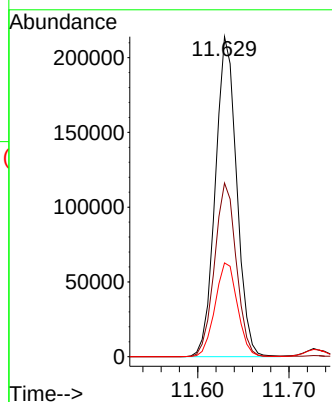
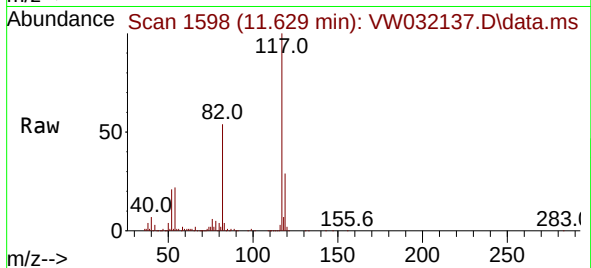
Tgt Ion:117 Resp: 346771

Ion Ratio Lower Upper

117 100

82 54.3 42.7 64.1

119 29.3 25.2 37.8



#64

Tetrachloroethene

Concen: 4.832 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Tgt Ion:164 Resp: 11029

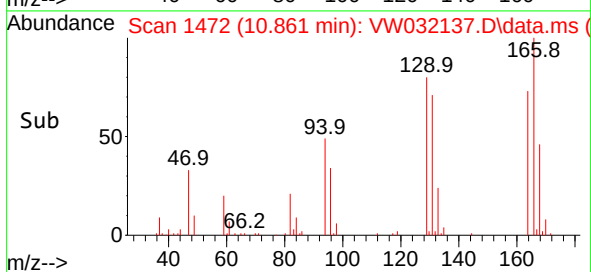
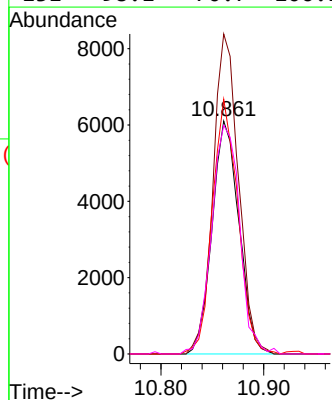
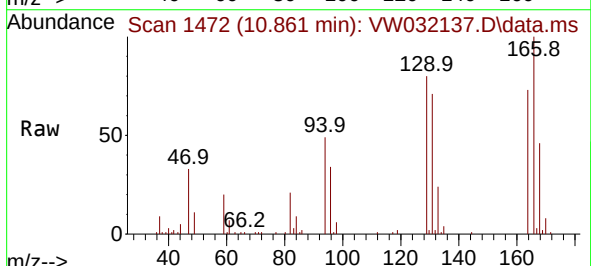
Ion Ratio Lower Upper

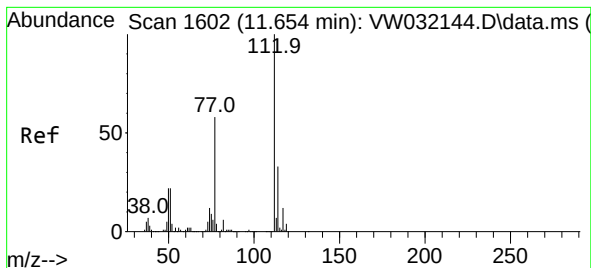
164 100

166 137.3 97.5 146.3

129 109.3 71.2 106.8#

131 98.1 70.7 106.1





#65

Chlorobenzene

Concen: 4.994 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

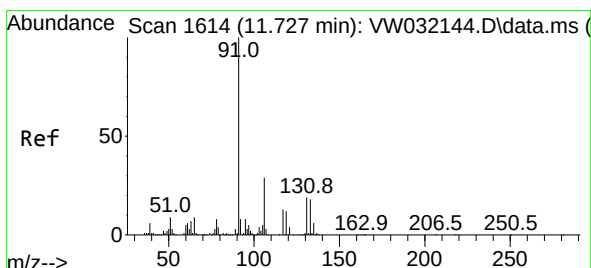
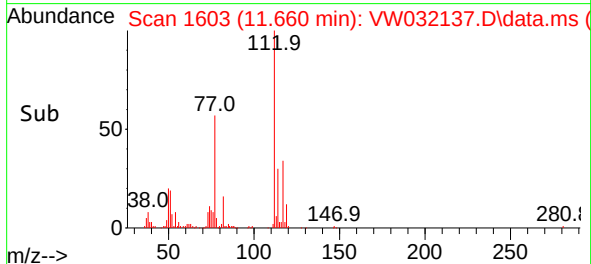
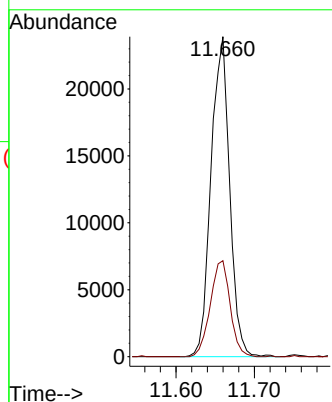
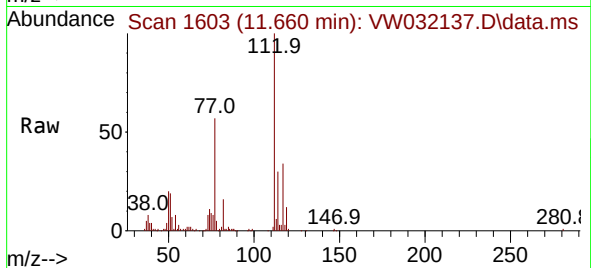
VSTDIC005

Tgt Ion:112 Resp: 39417

Ion Ratio Lower Upper

112 100

114 30.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.726 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

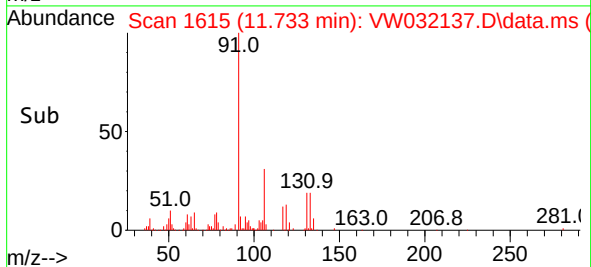
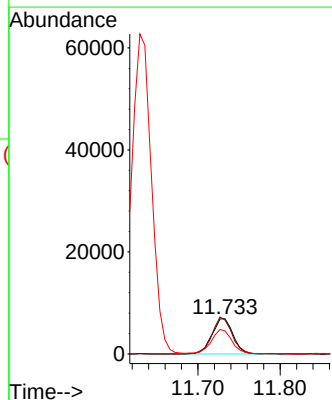
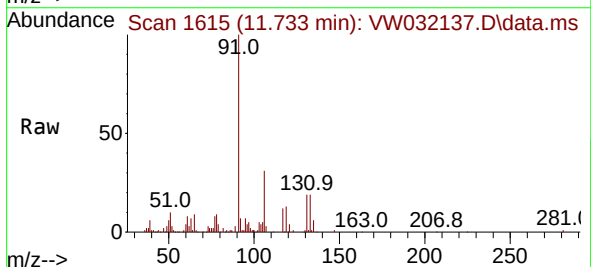
Tgt Ion:131 Resp: 12280

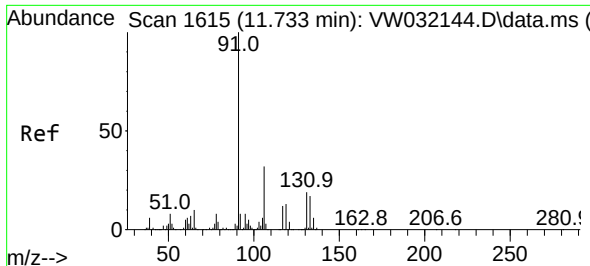
Ion Ratio Lower Upper

131 100

133 99.4 47.7 143.1

119 68.9 32.8 98.3

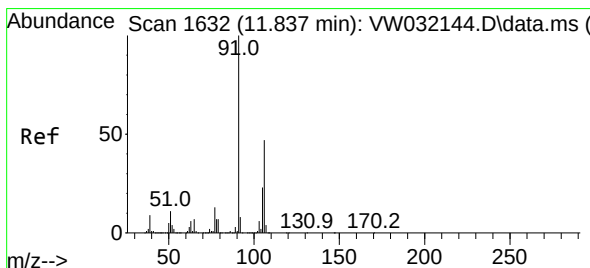
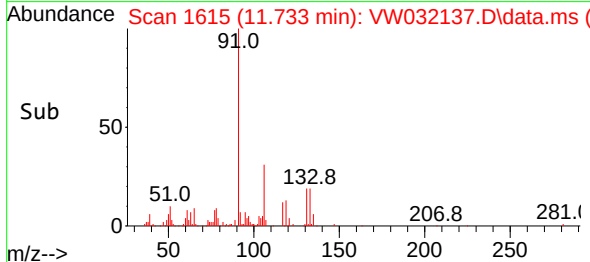
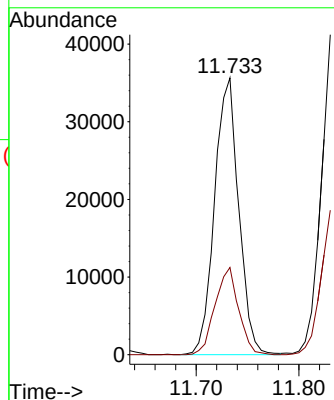
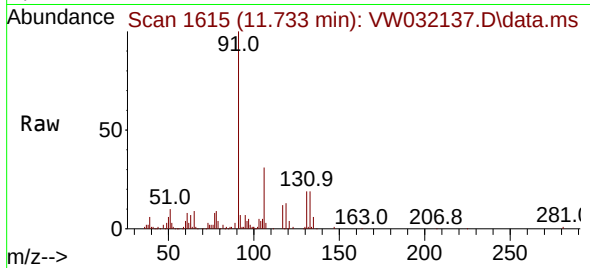




#67
Ethyl Benzene
Concen: 4.493 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

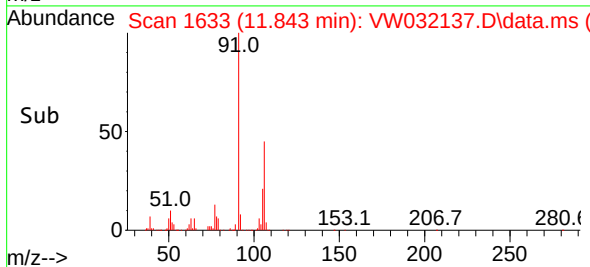
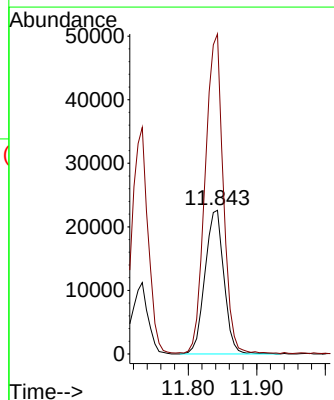
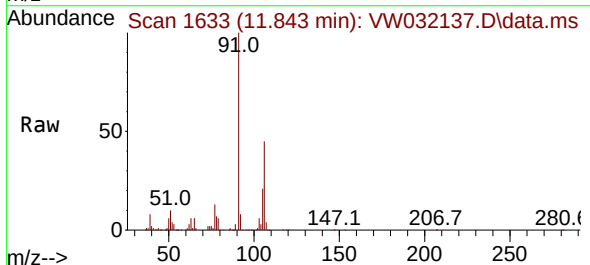
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

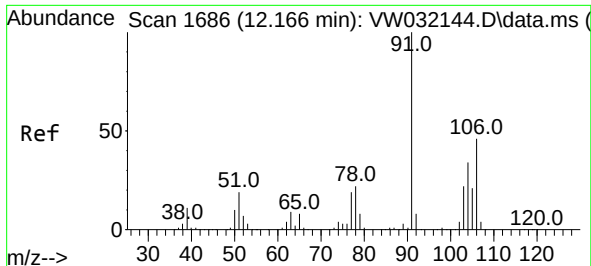
Tgt Ion: 91 Resp: 58107
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 8.737 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 106 Resp: 43484
Ion Ratio Lower Upper
106 100
91 211.8 164.2 246.2

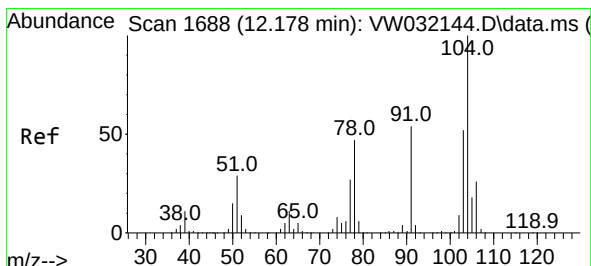
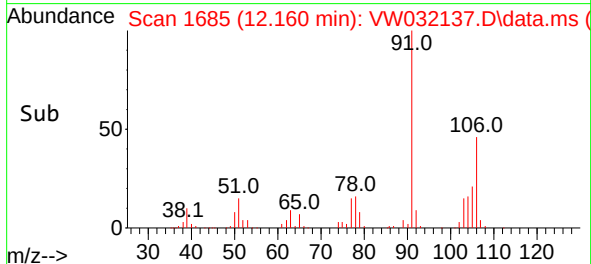
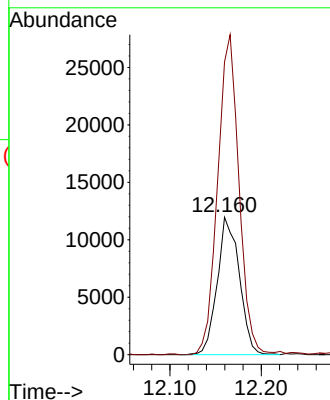
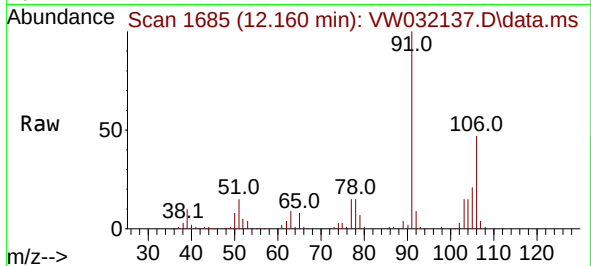




#69
o-Xylene
Concen: 4.276 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

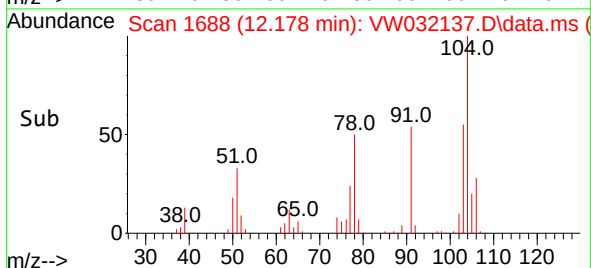
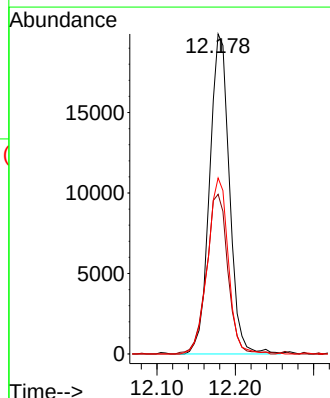
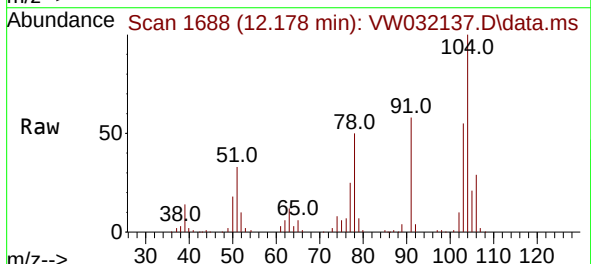
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

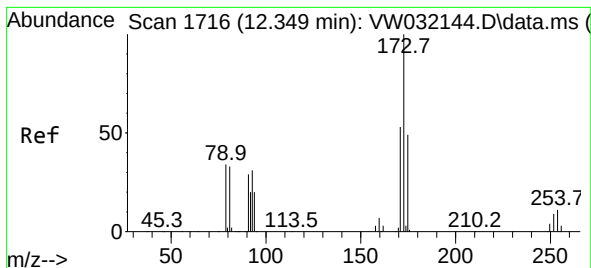
Tgt Ion:106 Resp: 20131
Ion Ratio Lower Upper
106 100
91 226.0 108.7 326.3



#70
Styrene
Concen: 4.204 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:104 Resp: 34891
Ion Ratio Lower Upper
104 100
78 54.1 41.6 62.4
103 57.3 44.8 67.2





#71

Bromoform

Concen: 4.556 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

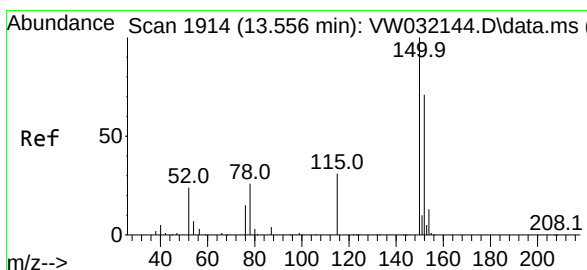
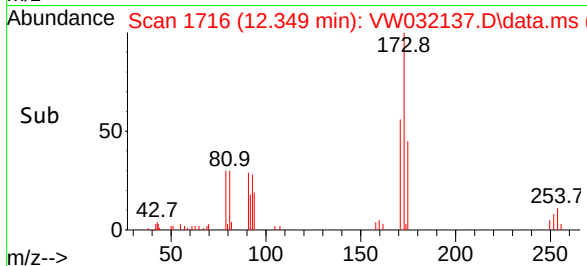
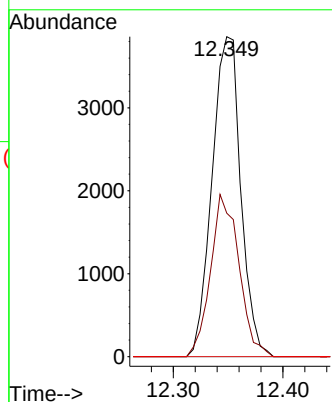
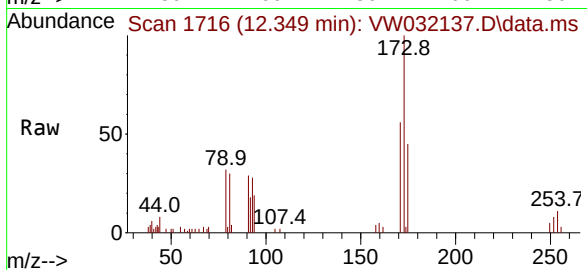
Tgt Ion:173 Resp: 7031

Ion Ratio Lower Upper

173 100

175 50.1 24.9 74.7

254 0.0 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: VW032137.D

Acq: 26 Aug 2025 09:39

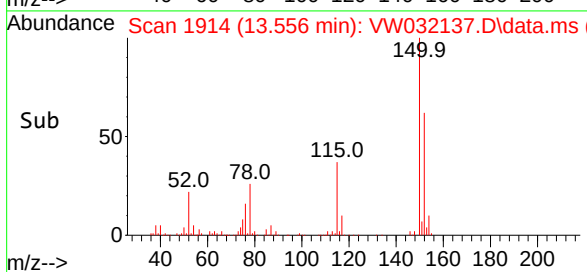
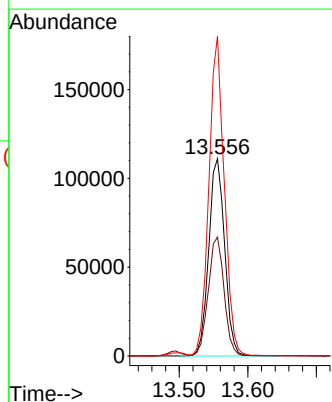
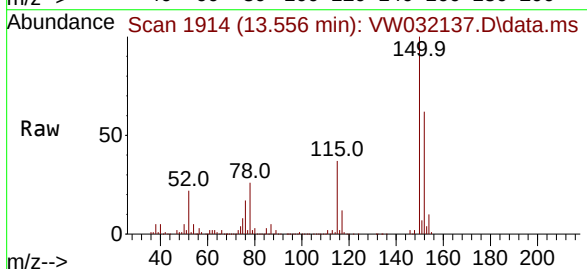
Tgt Ion:152 Resp: 180065

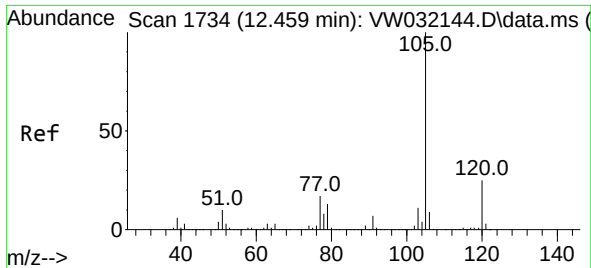
Ion Ratio Lower Upper

152 100

115 59.8 31.8 95.4

150 155.8 0.0 343.0

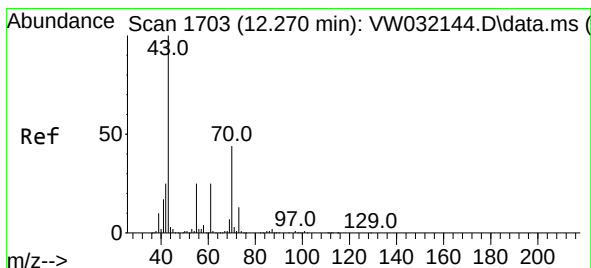
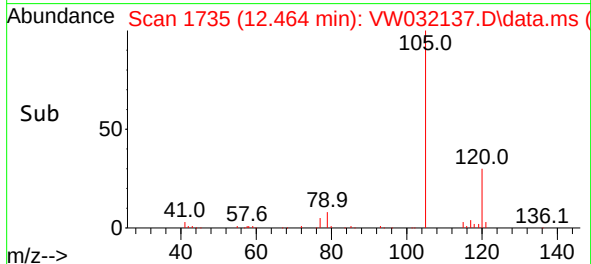
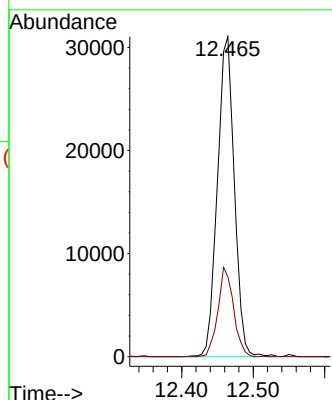
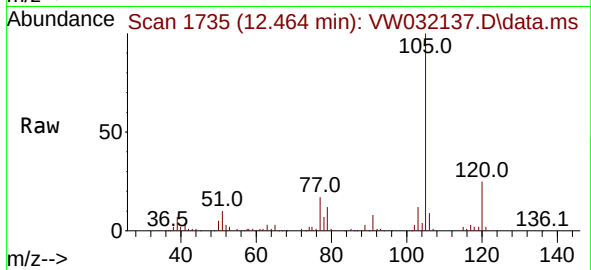




#73
Isopropylbenzene
Concen: 4.170 ug/l
RT: 12.464 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

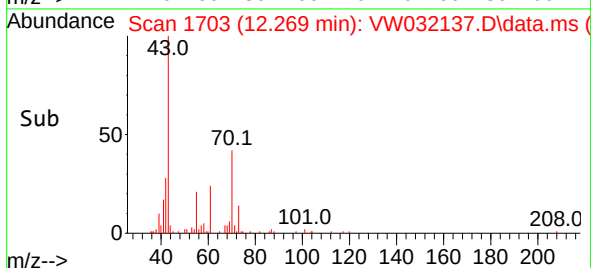
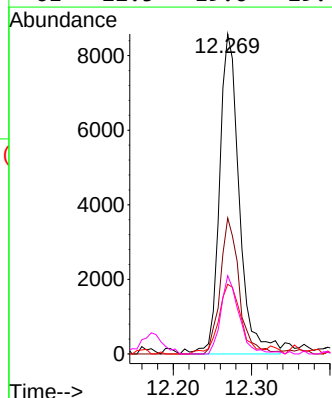
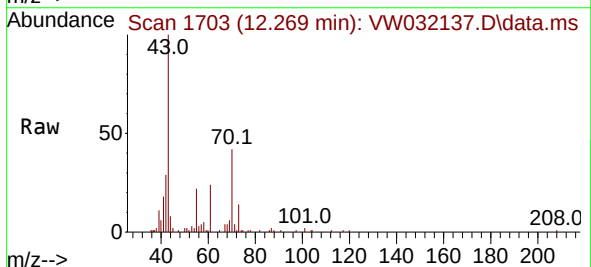
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

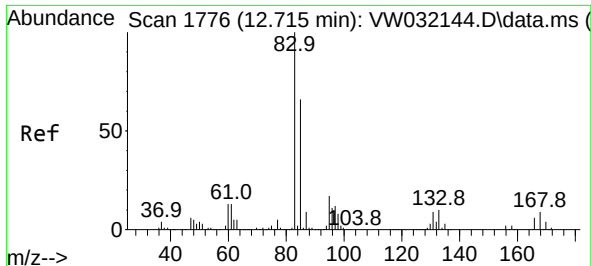
Tgt Ion:105 Resp: 51013
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 4.241 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 15062
Ion Ratio Lower Upper
43 100
70 40.4 35.3 52.9
55 24.7 19.9 29.9
61 22.5 19.6 29.4

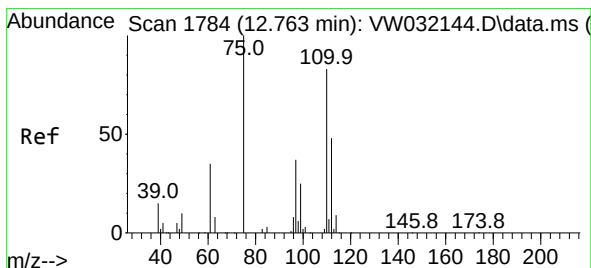
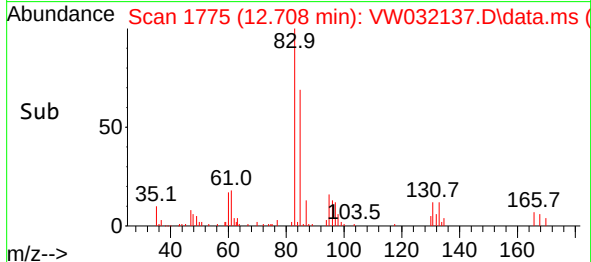
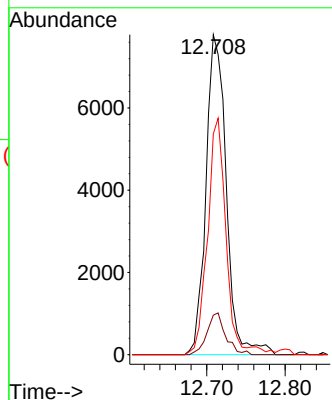
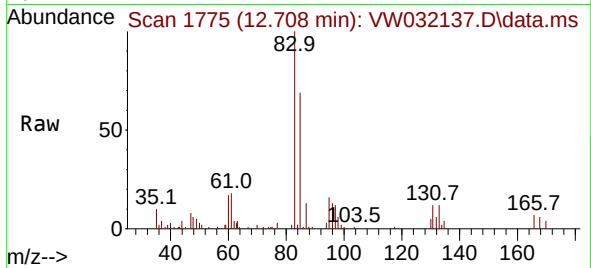




#75
1,1,2,2-Tetrachloroethane
Concen: 4.818 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

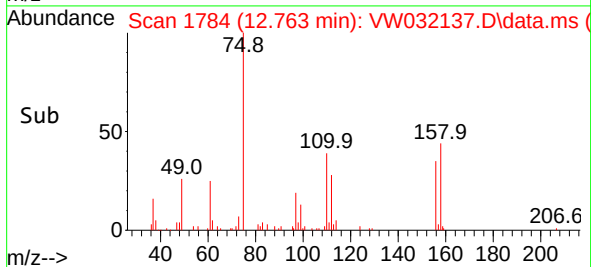
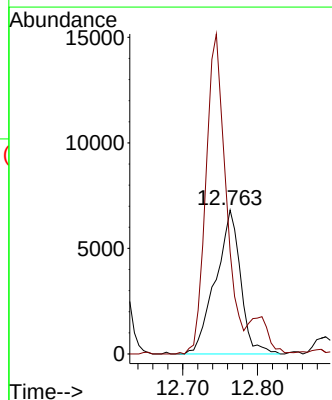
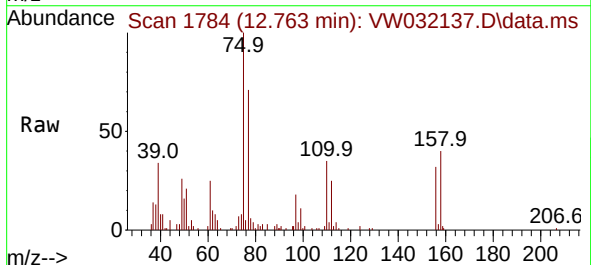
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

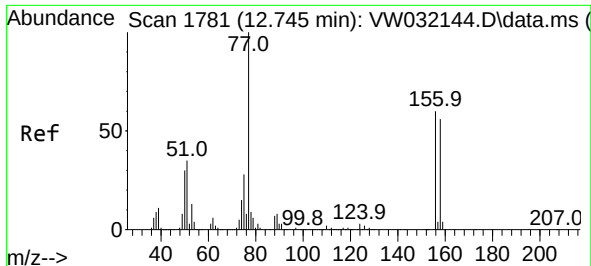
Tgt Ion: 83 Resp: 14008
Ion Ratio Lower Upper
83 100
131 12.0 5.1 15.4
85 65.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 6.780 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 15807
Ion Ratio Lower Upper
75 100
77 178.4 141.7 425.1

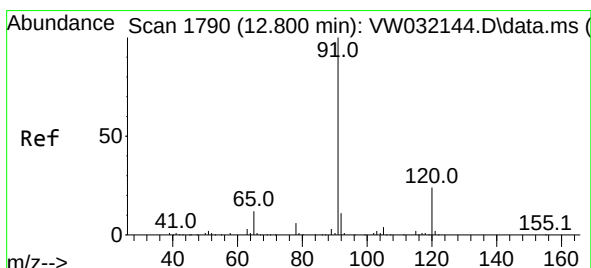
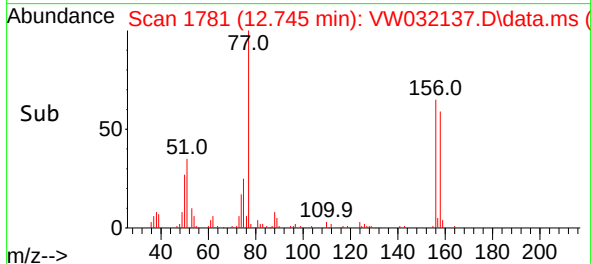
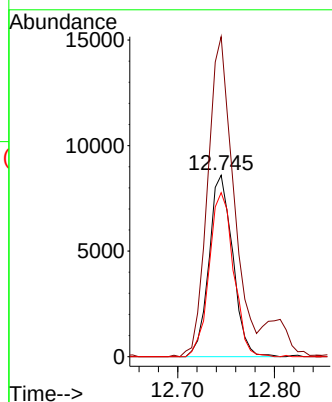
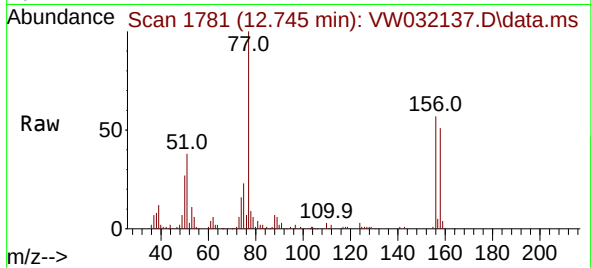




#77
Bromobenzene
Concen: 4.702 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

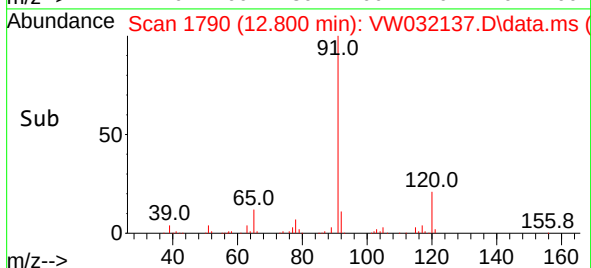
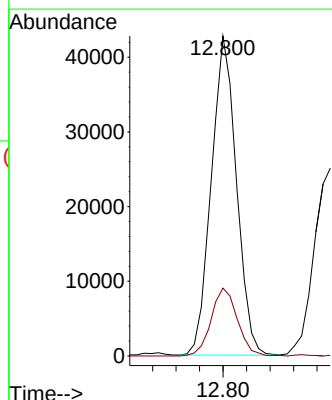
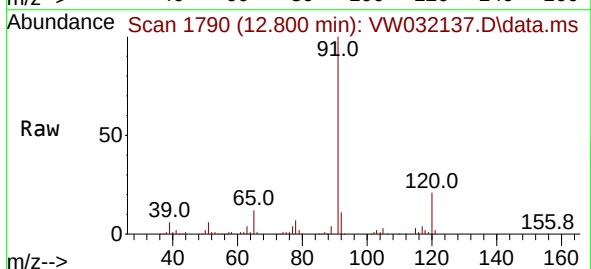
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

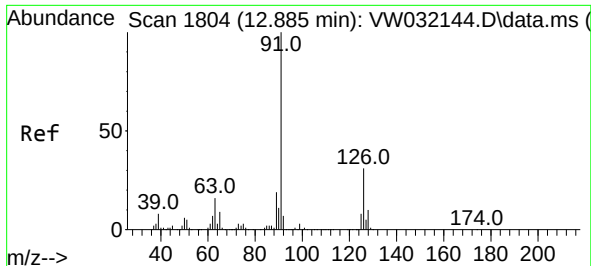
Tgt Ion:156 Resp: 14669
Ion Ratio Lower Upper
156 100
77 192.2 98.6 295.7
158 92.7 48.4 145.0



#78
n-propylbenzene
Concen: 4.274 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 63470
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.4

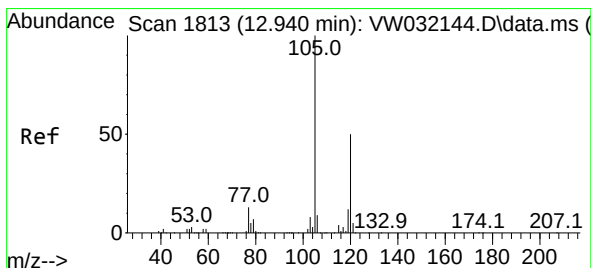
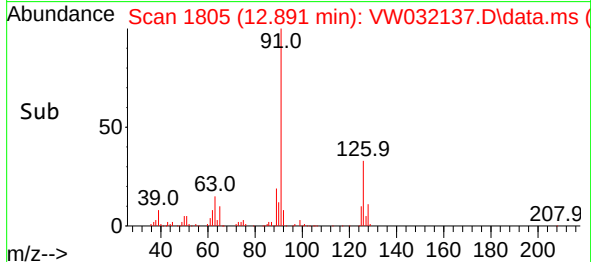
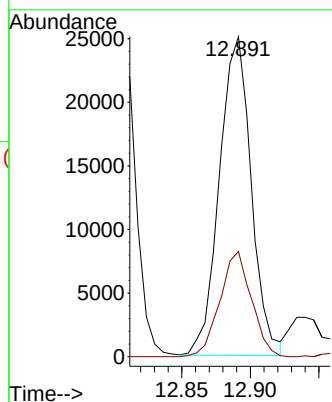
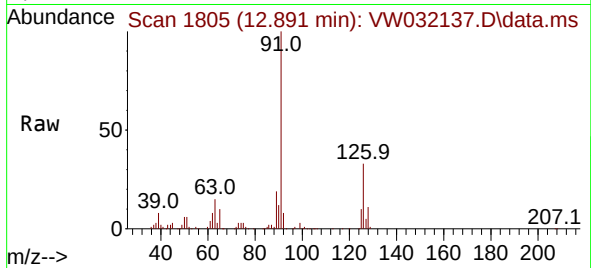




#79
2-Chlorotoluene
Concen: 4.461 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

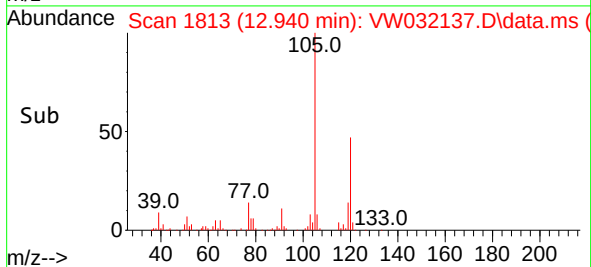
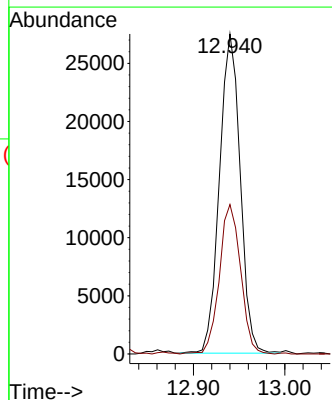
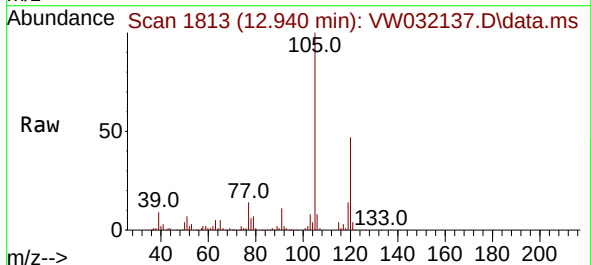
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

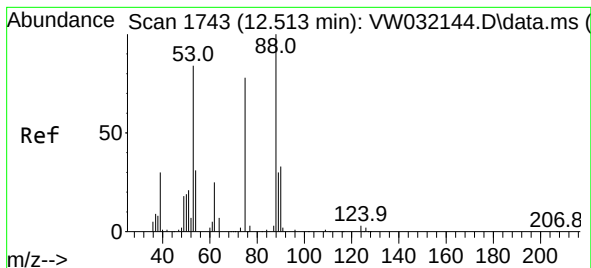
Tgt Ion: 91 Resp: 40515
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 4.191 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 105 Resp: 43406
Ion Ratio Lower Upper
105 100
120 47.9 24.8 74.4

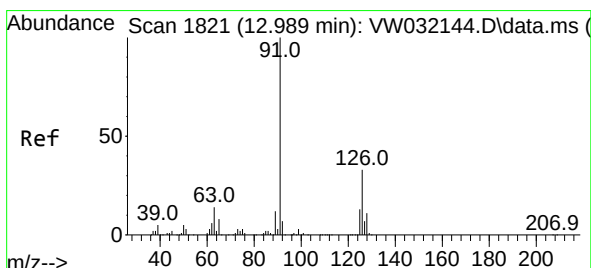
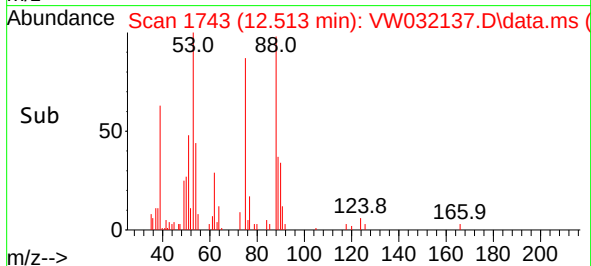
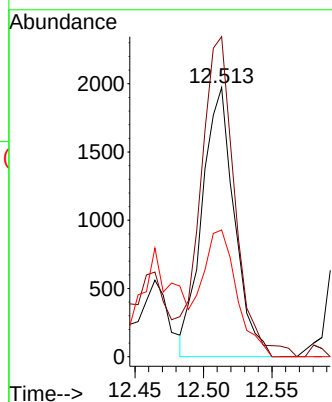
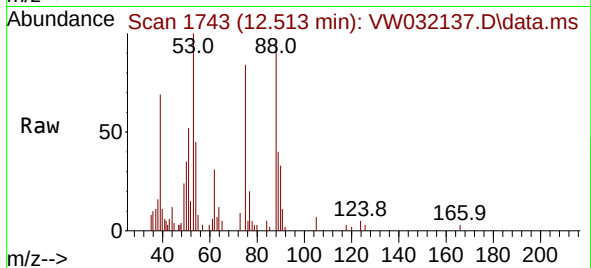




#81
trans-1,4-Dichloro-2-butene
Concen: 3.859 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

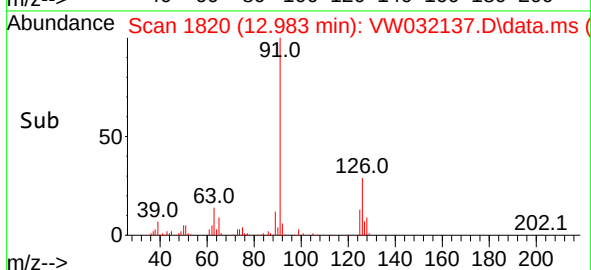
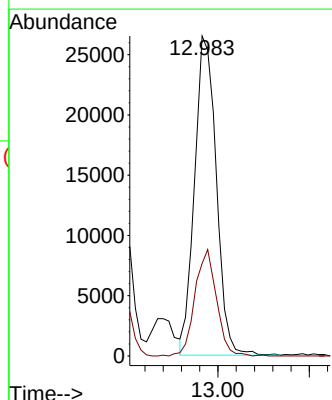
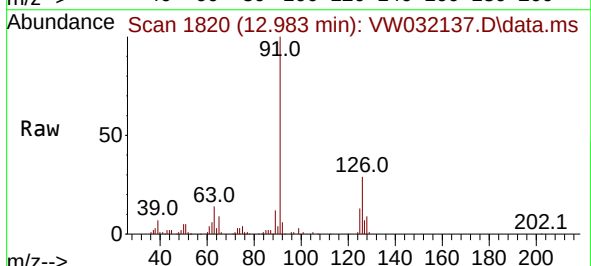
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

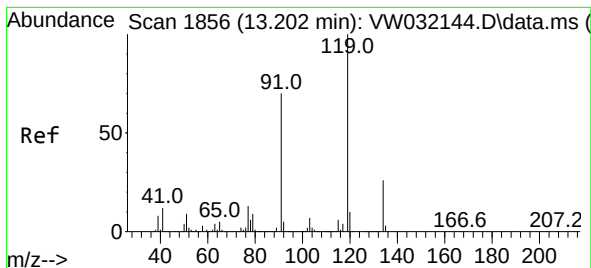
Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
53 127.1 91.0 136.6
89 50.7 39.4 59.2



#82
4-Chlorotoluene
Concen: 4.495 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 43697
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2





#83

tert-Butylbenzene

Concen: 4.200 ug/l

RT: 13.202 min Scan# 119

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

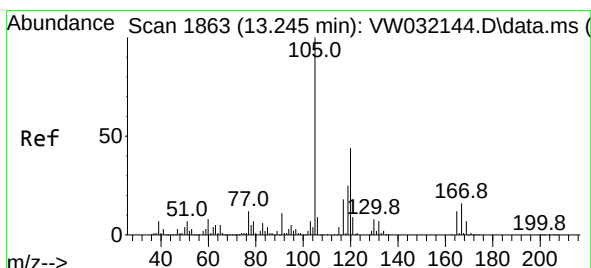
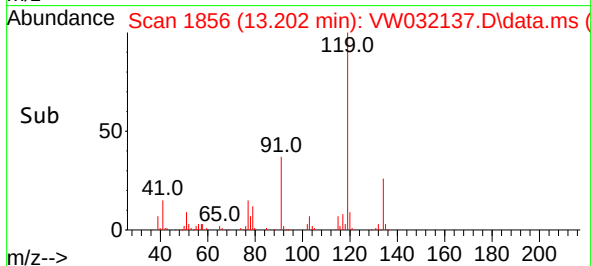
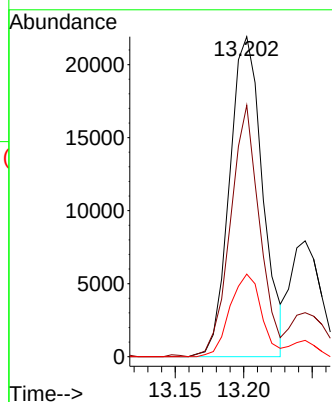
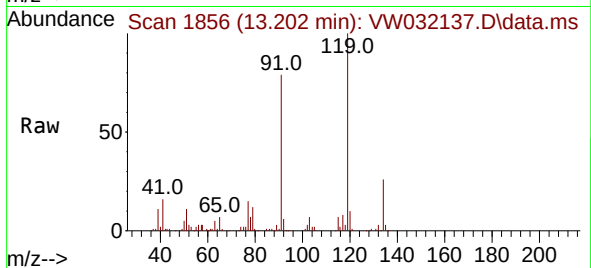
Tgt Ion:119 Resp: 36884

Ion Ratio Lower Upper

119 100

91 69.4 33.8 101.3

134 24.6 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 4.250 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032137.D

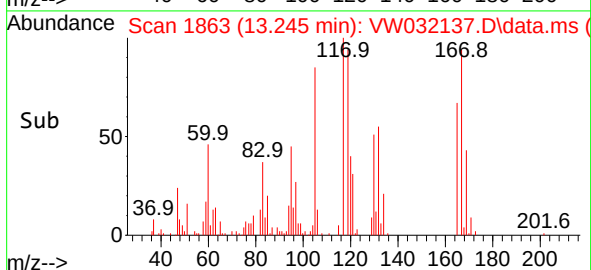
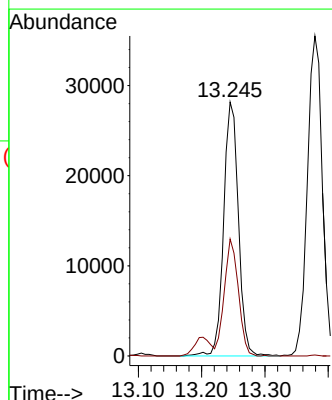
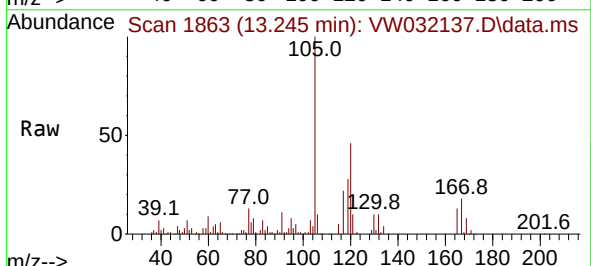
Acq: 26 Aug 2025 09:39

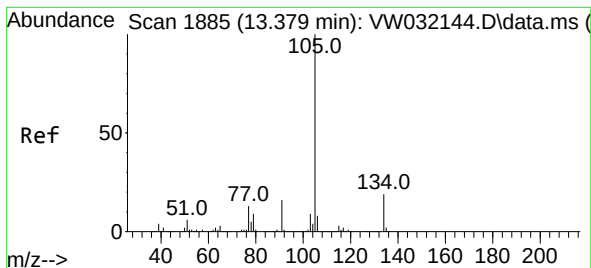
Tgt Ion:105 Resp: 45544

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 4.410 ug/l

RT: 13.379 min Scan# 1185

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

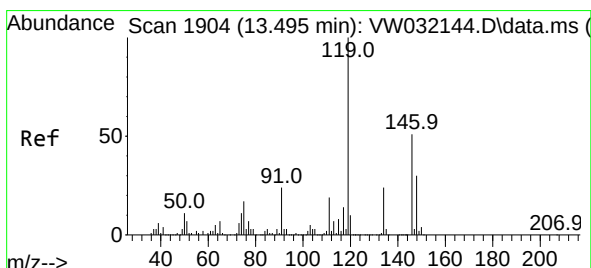
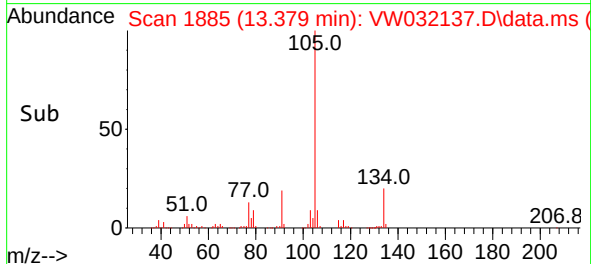
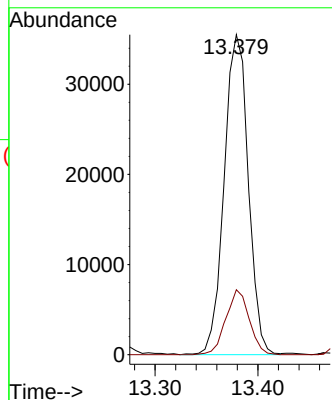
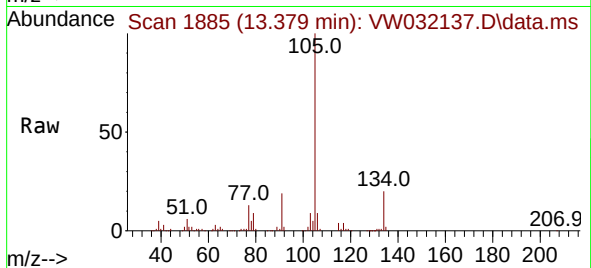
VSTDIC005

Tgt Ion:105 Resp: 57822

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.240 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

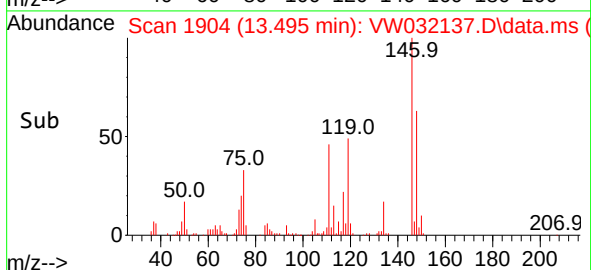
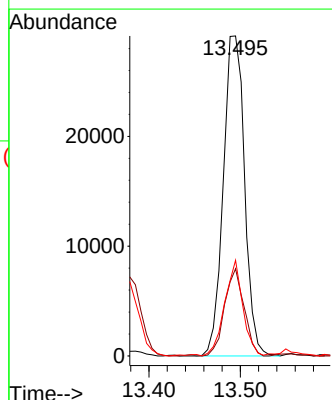
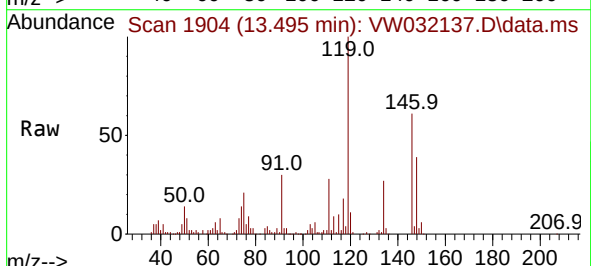
Tgt Ion:119 Resp: 47272

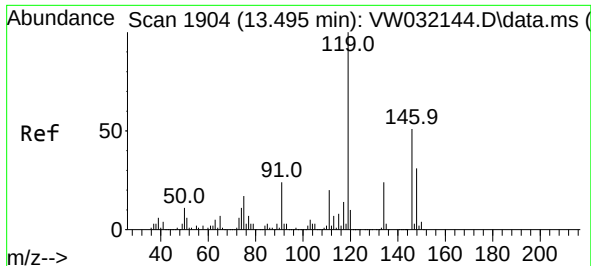
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

91 25.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 4.762 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

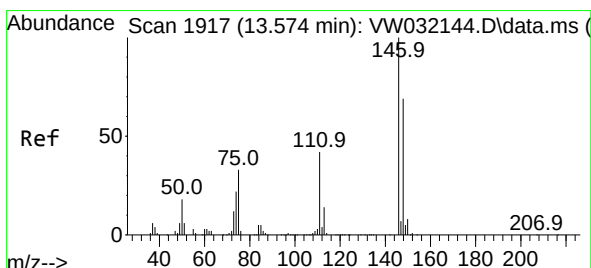
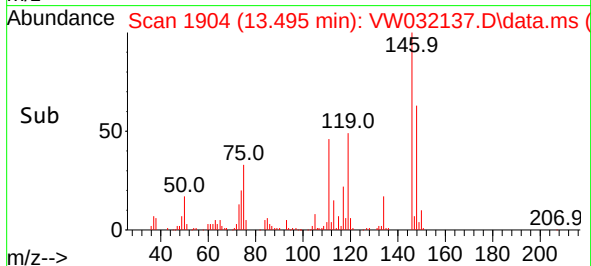
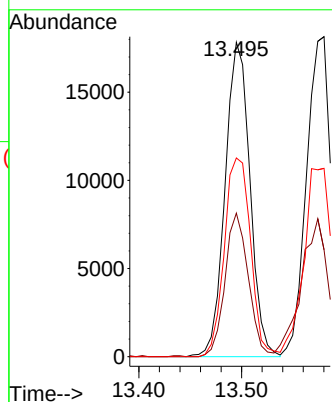
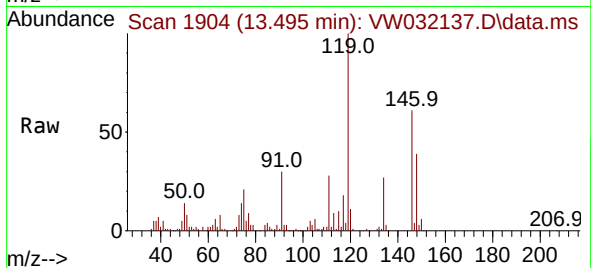
Tgt Ion:146 Resp: 29910

Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.9

148 66.9 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 4.929 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

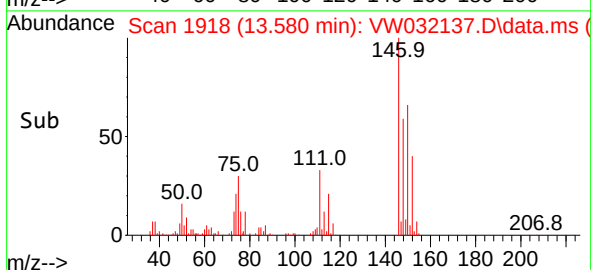
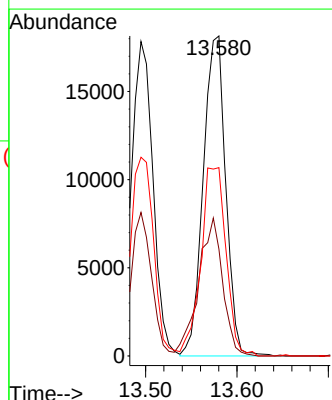
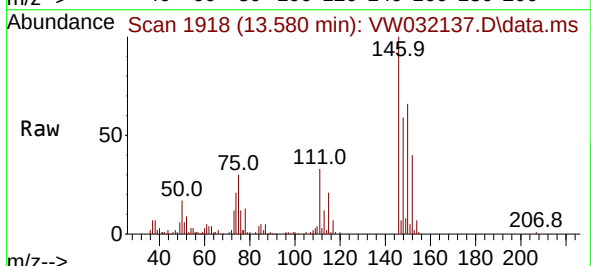
Tgt Ion:146 Resp: 31029

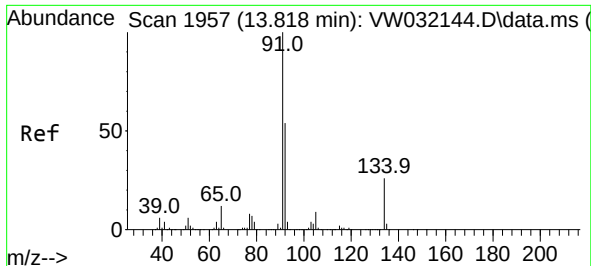
Ion Ratio Lower Upper

146 100

111 46.4 21.3 63.7

148 65.9 33.4 100.1

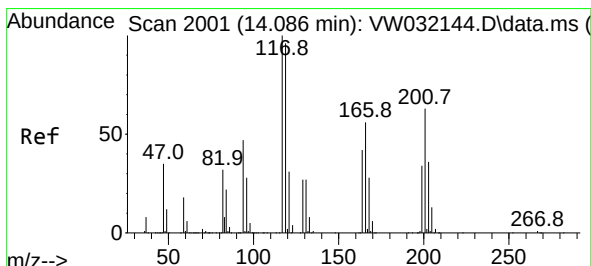
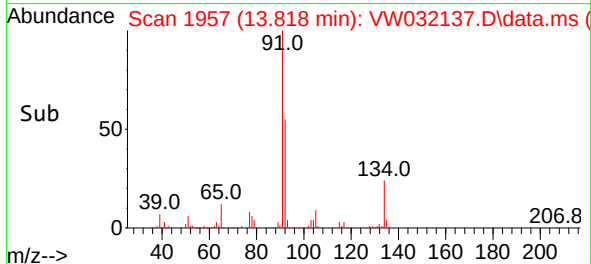
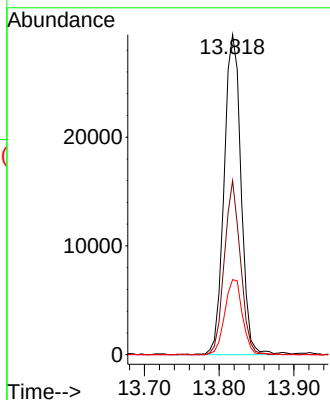
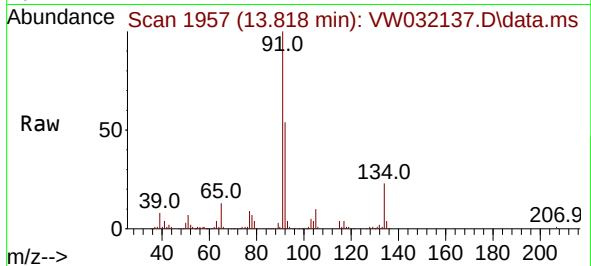




#89
n-Butylbenzene
Concen: 4.356 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

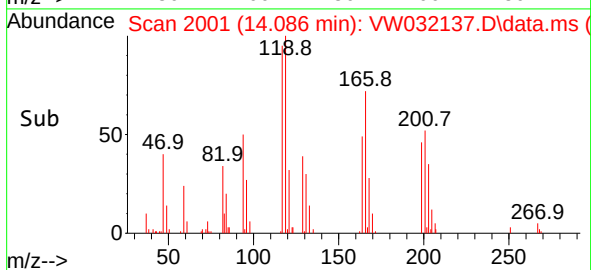
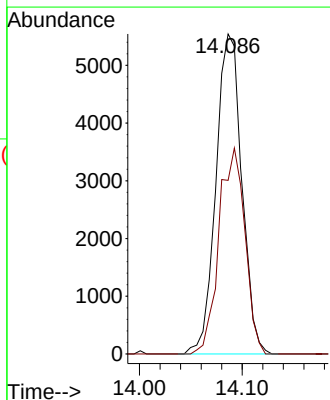
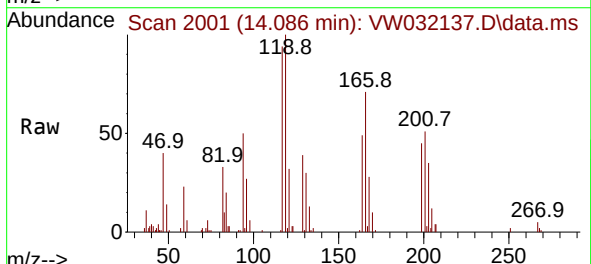
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

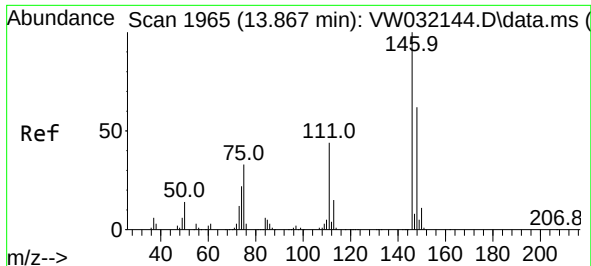
Tgt Ion: 91 Resp: 46303
Ion Ratio Lower Upper
91 100
92 51.6 27.0 81.0
134 24.6 13.1 39.3



#90
Hexachloroethane
Concen: 4.750 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 117 Resp: 9687
Ion Ratio Lower Upper
117 100
201 64.6 32.8 98.4

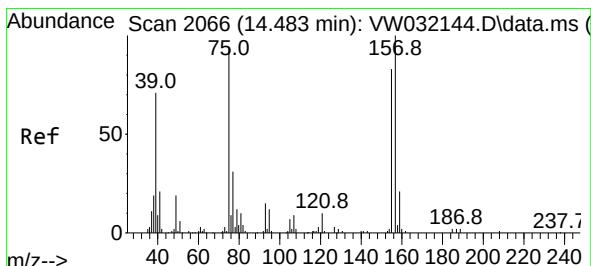
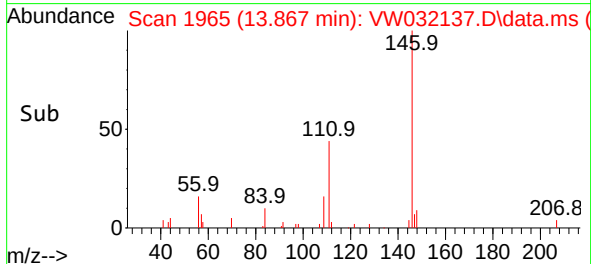
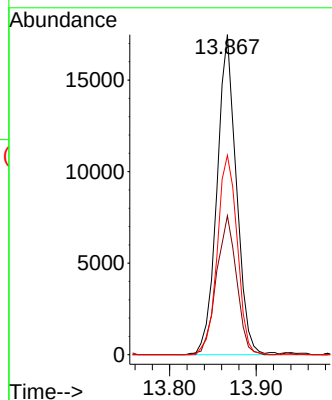
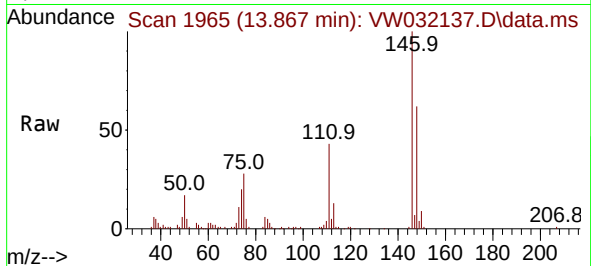




#91
1,2-Dichlorobenzene
Concen: 4.891 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

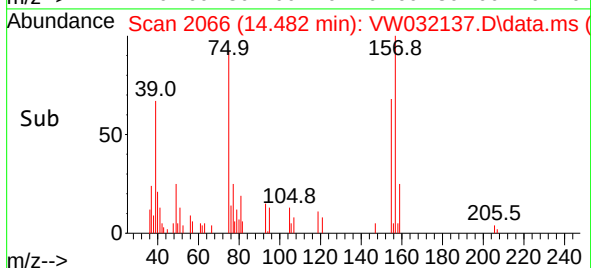
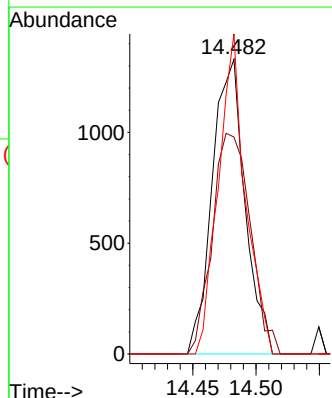
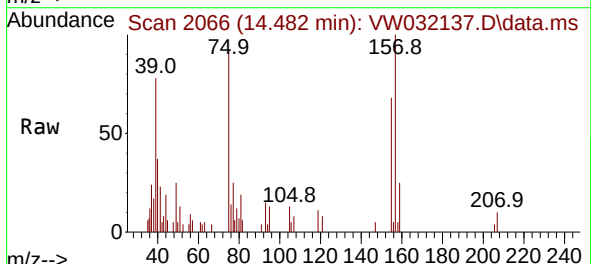
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

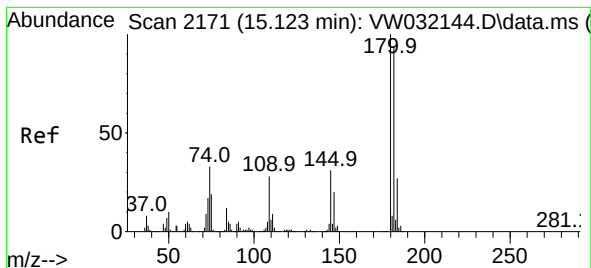
Tgt Ion:146 Resp: 27202
Ion Ratio Lower Upper
146 100
111 44.9 23.4 70.0
148 63.7 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.646 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 2386
Ion Ratio Lower Upper
75 100
155 87.2 40.8 122.5
157 90.2 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 4.408 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

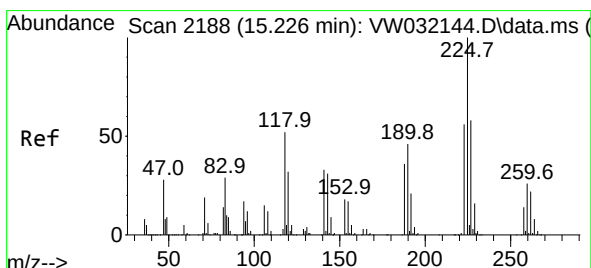
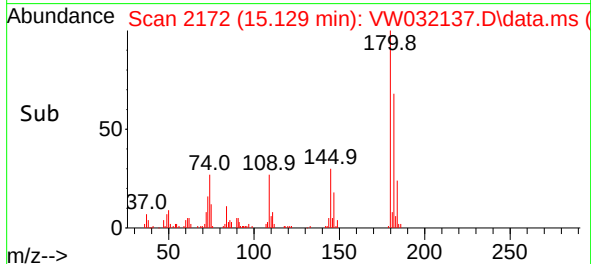
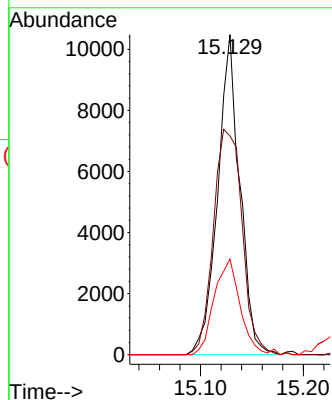
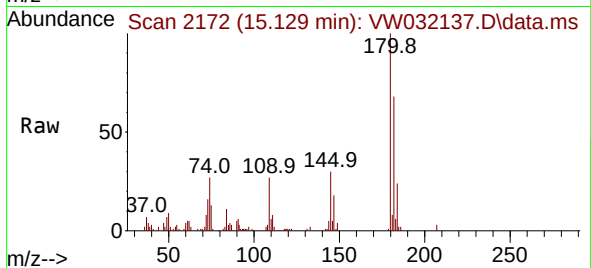
Tgt Ion:180 Resp: 15663

Ion Ratio Lower Upper

180 100

182 91.6 47.4 142.2

145 35.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 5.060 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

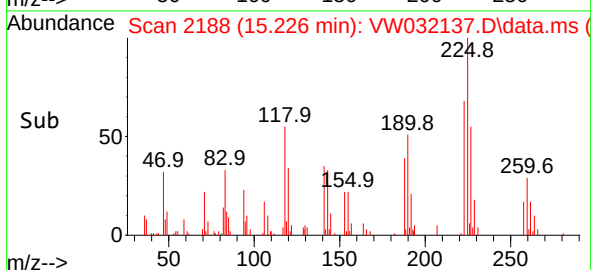
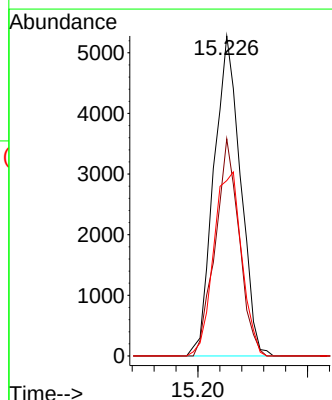
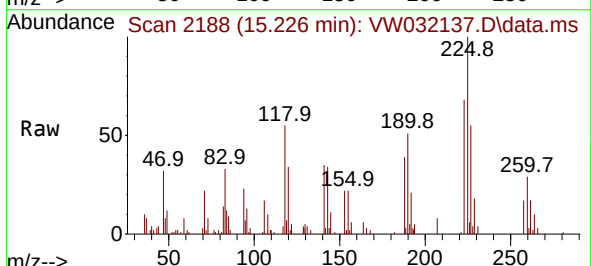
Tgt Ion:225 Resp: 8916

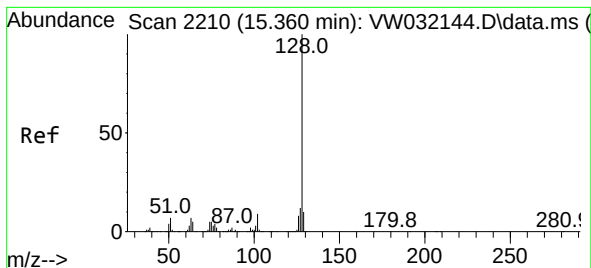
Ion Ratio Lower Upper

225 100

223 60.9 29.8 89.3

227 60.6 30.5 91.5





#95

Naphthalene

Concen: 4.007 ug/l

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

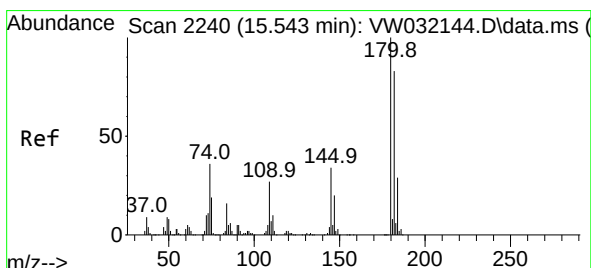
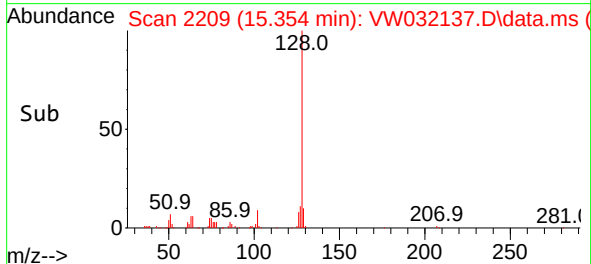
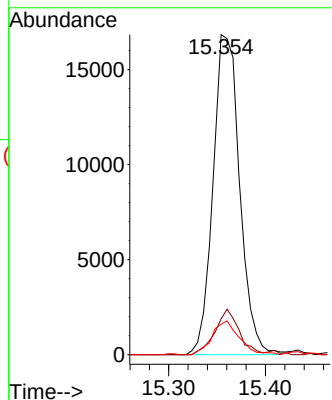
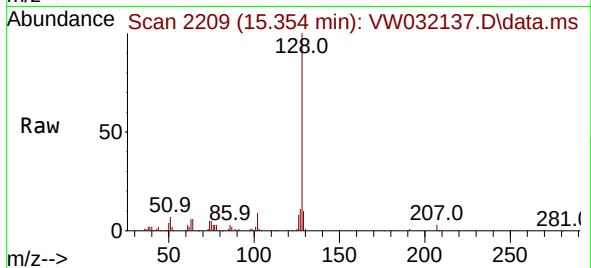
Tgt Ion:128 Resp: 32224

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 4.534 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032137.D

Acq: 26 Aug 2025 09:39

Tgt Ion:180 Resp: 14982

Ion Ratio Lower Upper

180 100

182 93.9 47.7 143.1

145 36.9 17.2 51.6

