

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031729.D
 Acq On : 30 Jun 2025 09:54
 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: Jul 01 02:17:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	228987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	410655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	16728	5.090	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	10.180%#
35) Dibromofluoromethane	7.904	113	13228	4.936	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	9.880%#
50) Toluene-d8	10.331	98	46017	4.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	9.220%#
62) 4-Bromofluorobenzene	12.617	95	17925	4.884	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	9.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	7562	4.849	ug/l	100
3) Chloromethane	2.247	50	9357	4.977	ug/l	98
4) Vinyl Chloride	2.405	62	11970	4.844	ug/l	98
5) Bromomethane	2.820	94	9829	5.092	ug/l #	78
6) Chloroethane	2.966	64	8474	5.048	ug/l #	83
7) Trichlorofluoromethane	3.302	101	11652	5.192	ug/l	95
8) Diethyl Ether	3.722	74	9130	5.354	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.094	101	13215	5.305	ug/l	98
10) Methyl Iodide	4.314	142	19559	5.093	ug/l	98
11) Tert butyl alcohol	5.222	59	4450	21.858	ug/l	96
12) 1,1-Dichloroethene	4.082	96	13793	5.055	ug/l	93
13) Acrolein	3.936	56	8223	22.472	ug/l #	82
14) Allyl chloride	4.704	41	20213	4.828	ug/l	98
15) Acrylonitrile	5.405	53	20292	24.197	ug/l	97
16) Acetone	4.161	43	27960	34.210	ug/l	99
17) Carbon Disulfide	4.417	76	35984	4.928	ug/l #	95
18) Methyl Acetate	4.710	43	12364	5.326	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	23058	4.979	ug/l	94
20) Methylene Chloride	4.948	84	23553	3.124	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	14541	5.015	ug/l	98
22) Diisopropyl ether	6.344	45	39057	4.784	ug/l #	90
23) Vinyl Acetate	6.283	43	127146	22.799	ug/l	100
24) 1,1-Dichloroethane	6.252	63	26423	4.992	ug/l	98
25) 2-Butanone	7.197	43	25644	24.268	ug/l	96
26) 2,2-Dichloropropane	7.191	77	15875	5.140	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	16273	4.883	ug/l	99
28) Bromochloromethane	7.526	49	12169	5.210	ug/l #	12
29) Tetrahydrofuran	7.557	42	17271	23.866	ug/l	99
30) Chloroform	7.691	83	28162	5.007	ug/l	97
31) Cyclohexane	7.965	56	26905	5.750	ug/l #	82
32) 1,1,1-Trichloroethane	7.886	97	21367	4.929	ug/l	96
36) 1,1-Dichloropropene	8.093	75	19574	5.048	ug/l	98
37) Ethyl Acetate	7.276	43	11623	4.752	ug/l #	93
38) Carbon Tetrachloride	8.081	117	19576	4.954	ug/l	97
39) Methylcyclohexane	9.343	83	23529	4.877	ug/l	94
40) Benzene	8.337	78	57889	5.046	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	6190	4.724	ug/l #	90
42) 1,2-Dichloroethane	8.416	62	20133	5.194	ug/l	99
43) Isopropyl Acetate	8.441	43	19704	4.673	ug/l	97
44) Trichloroethene	9.105	130	14112	4.928	ug/l	98
45) 1,2-Dichloropropane	9.374	63	14286	5.152	ug/l	95
46) Dibromomethane	9.465	93	9383	5.242	ug/l	98
47) Bromodichloromethane	9.654	83	20888	4.976	ug/l	98
48) Methyl methacrylate	9.441	41	9461	4.563	ug/l	98
49) 1,4-Dioxane	9.471	88	1808	94.872	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	58525	24.143	ug/l	100
52) Toluene	10.392	92	36200	4.928	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	17756	4.508	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	21091	4.724	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	12285	5.239	ug/l	95
56) Ethyl methacrylate	10.648	69	14584	4.584	ug/l	97
57) 1,3-Dichloropropane	10.934	76	21432	5.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	40271	22.989	ug/l	99
59) 2-Hexanone	10.971	43	37987	23.125	ug/l	96
60) Dibromochloromethane	11.129	129	13506	4.817	ug/l	98
61) 1,2-Dibromoethane	11.239	107	11844	5.046	ug/l	99
64) Tetrachloroethene	10.867	164	11991	5.068	ug/l	95
65) Chlorobenzene	11.654	112	40816	5.114	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	12551	4.935	ug/l	96
67) Ethyl Benzene	11.733	91	67293	4.862	ug/l	99
68) m/p-Xylenes	11.837	106	49892	9.378	ug/l	97
69) o-Xylene	12.166	106	22994	4.668	ug/l	98
70) Styrene	12.178	104	38573	4.530	ug/l	96
71) Bromoform	12.349	173	7112	4.688	ug/l #	96
73) Isopropylbenzene	12.465	105	62409	4.790	ug/l	98
74) N-amyl acetate	12.269	43	15998	4.555	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.715	83	15264	5.277	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	19488	8.804	ug/l	39
77) Bromobenzene	12.745	156	15131	5.207	ug/l	89
78) n-propylbenzene	12.800	91	74850	4.797	ug/l	99
79) 2-Chlorotoluene	12.891	91	46542	4.954	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	50477	4.680	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	4189	4.408	ug/l #	81
82) 4-Chlorotoluene	12.989	91	50283	5.098	ug/l	100
83) tert-Butylbenzene	13.202	119	43370	4.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	52319	4.788	ug/l	97
85) sec-Butylbenzene	13.379	105	67046	4.835	ug/l	99
86) p-Isopropyltoluene	13.489	119	53492	4.681	ug/l	98
87) 1,3-Dichlorobenzene	13.501	146	30342	5.206	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	31083	5.211	ug/l	92
89) n-Butylbenzene	13.818	91	53555	4.823	ug/l	97
90) Hexachloroethane	14.086	117	9816	4.761	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	27395	5.143	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	2902	5.138	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	16524	5.030	ug/l	97
94) Hexachlorobutadiene	15.226	225	8122	5.120	ug/l	88
95) Naphthalene	15.360	128	37422	4.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	14775	4.895	ug/l	97

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ALS Vial : 3 Sample Multiplier: 1

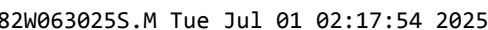
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MSVOA_W
ClientSampleId :
VSTDICC005

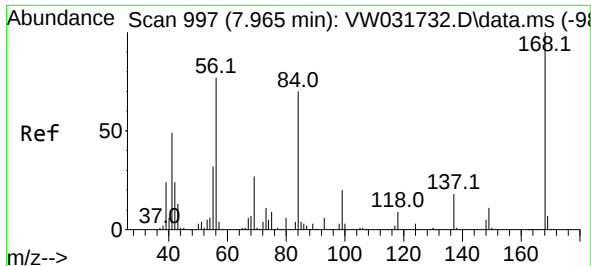
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 02:17:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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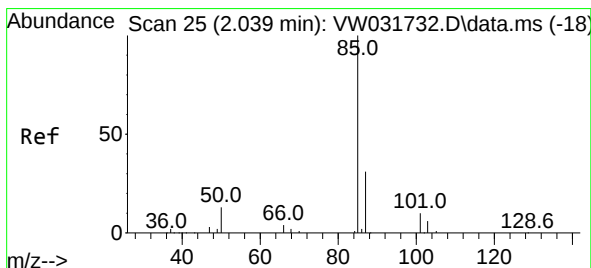
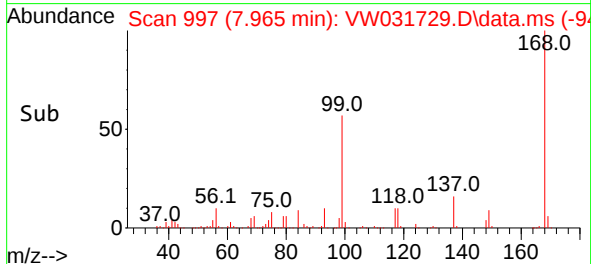
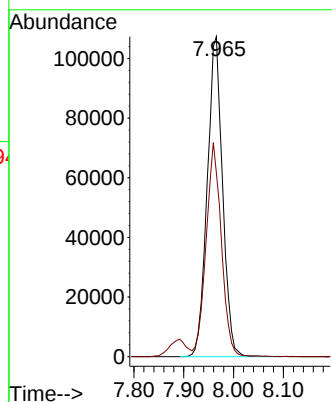
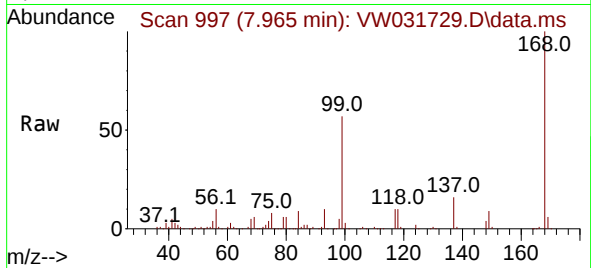




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031729.D
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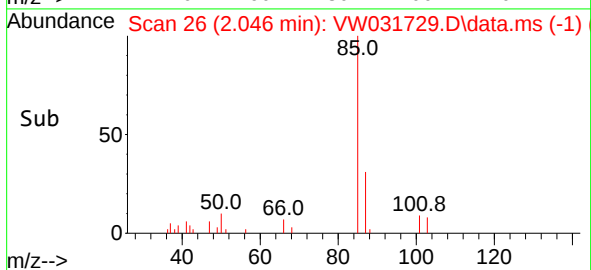
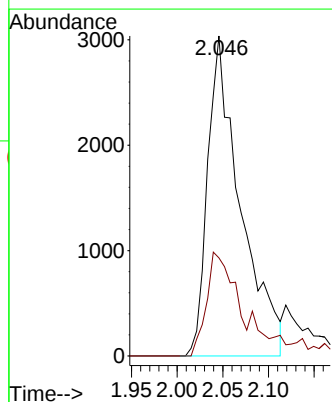
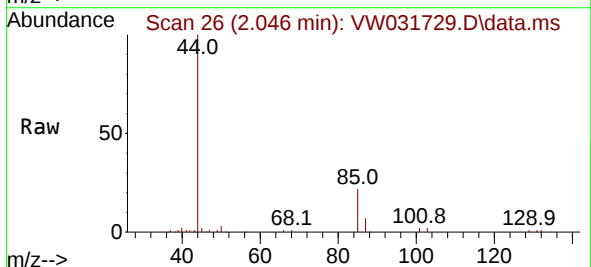
Instrument :
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ClientSampleId :
VSTDIC005

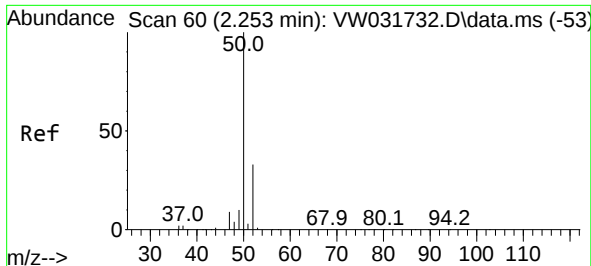
Tgt Ion:168 Resp: 228987
Ion Ratio Lower Upper
168 100
99 57.4 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 4.849 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 85 Resp: 7562
Ion Ratio Lower Upper
85 100
87 30.7 15.4 46.2

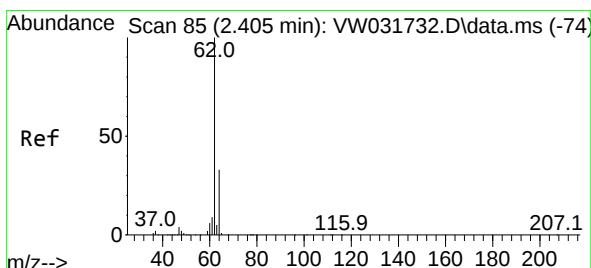
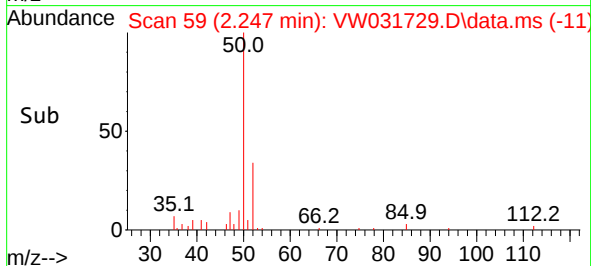
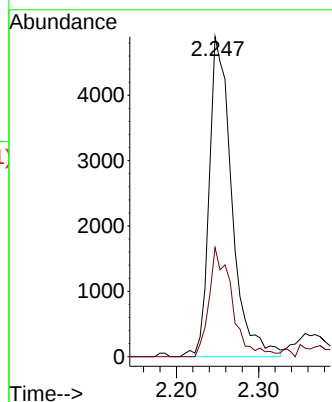
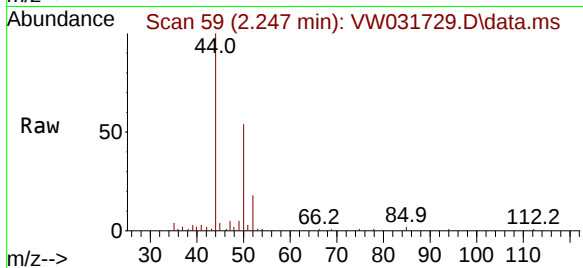




#3
Chloromethane
Concen: 4.977 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

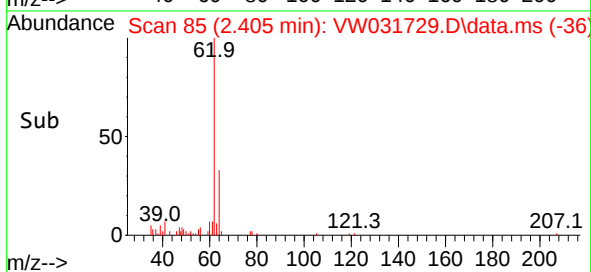
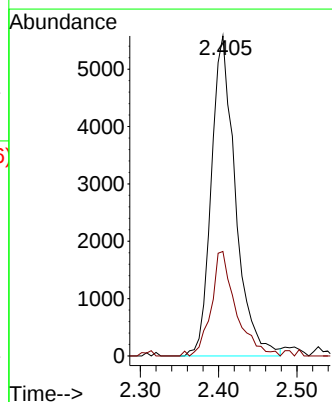
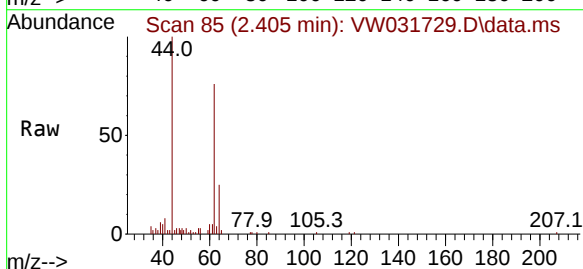
Instrument :
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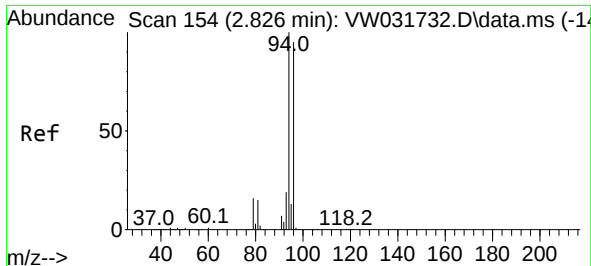
Tgt Ion: 50 Resp: 9357
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.2



#4
Vinyl Chloride
Concen: 4.844 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 62 Resp: 11970
Ion Ratio Lower Upper
62 100
64 32.6 26.8 40.2

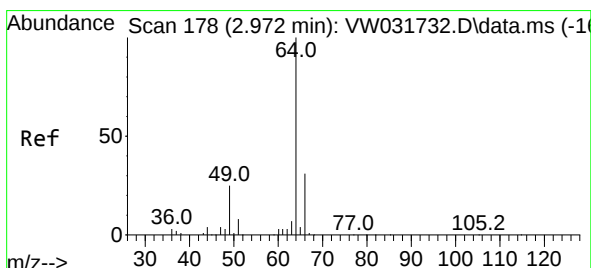
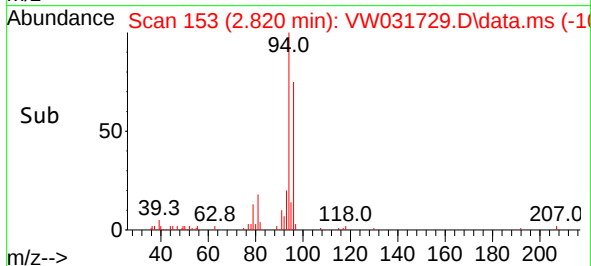
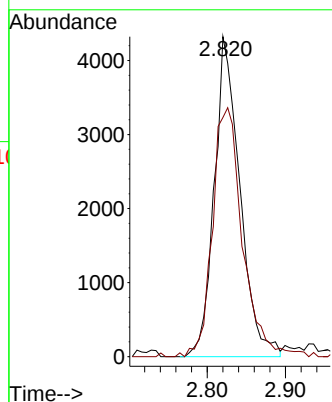
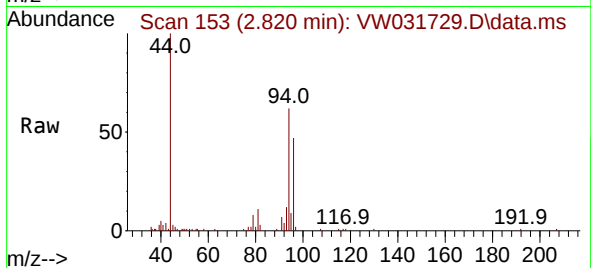




#5
Bromomethane
Concen: 5.092 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031729.D
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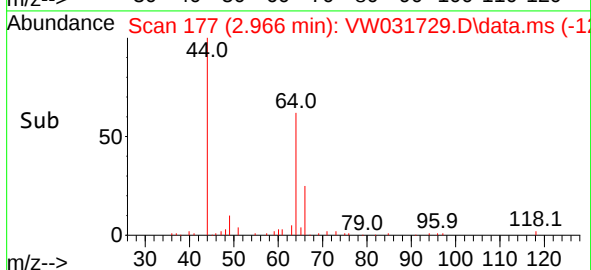
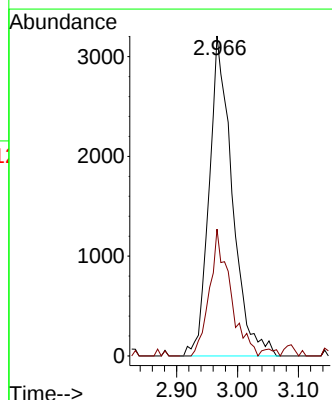
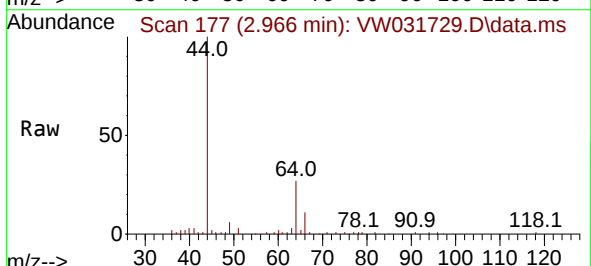
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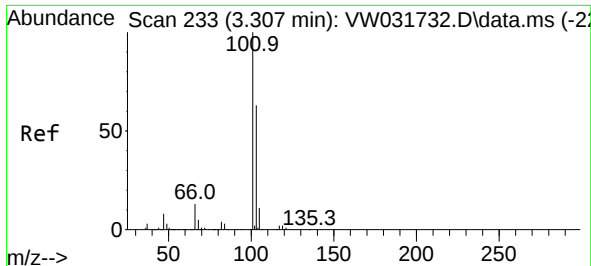
Tgt Ion: 94 Resp: 9829
Ion Ratio Lower Upper
94 100
96 73.5 75.6 113.4#



#6
Chloroethane
Concen: 5.048 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 64 Resp: 8474
Ion Ratio Lower Upper
64 100
66 39.7 24.5 36.7#

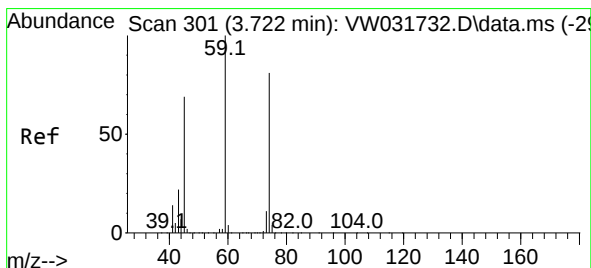
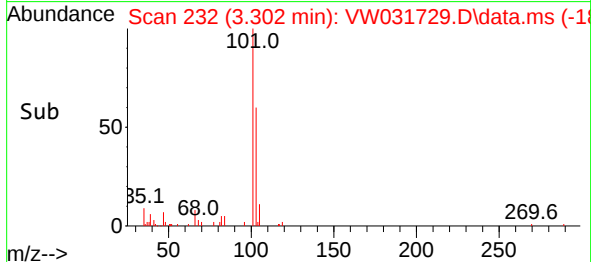
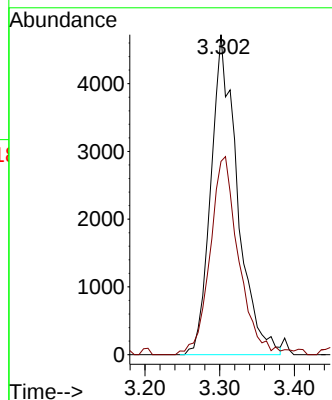
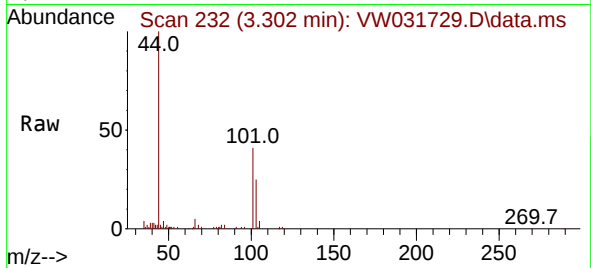




#7
 Trichlorofluoromethane
 Concen: 5.192 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

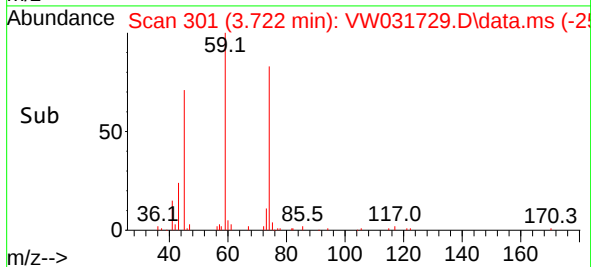
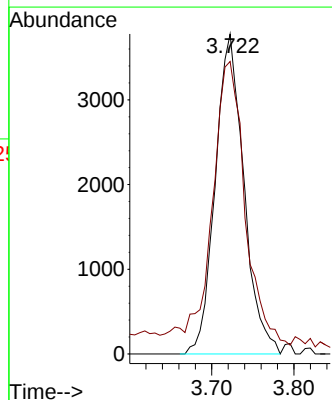
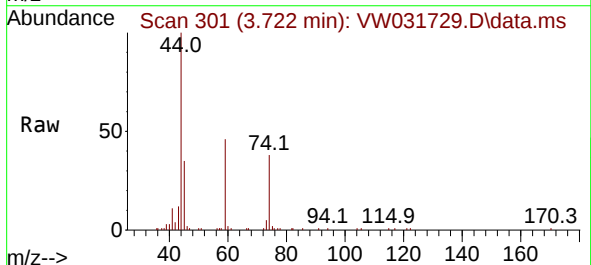
Instrument :
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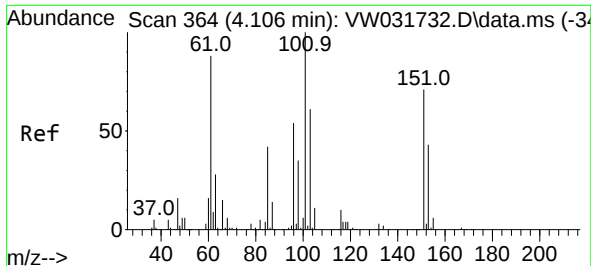
Tgt Ion:101 Resp: 11652
 Ion Ratio Lower Upper
 101 100
 103 59.3 50.2 75.4



#8
 Diethyl Ether
 Concen: 5.354 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031729.D
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Tgt Ion: 74 Resp: 9130
 Ion Ratio Lower Upper
 74 100
 45 102.7 43.9 131.7

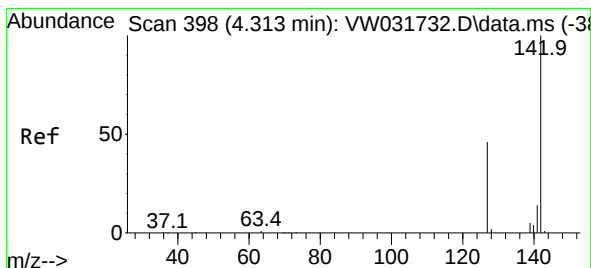
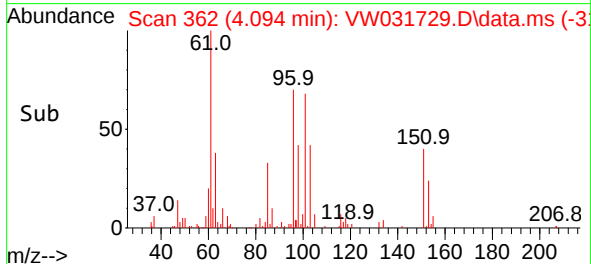
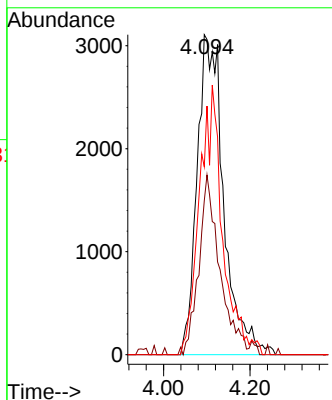
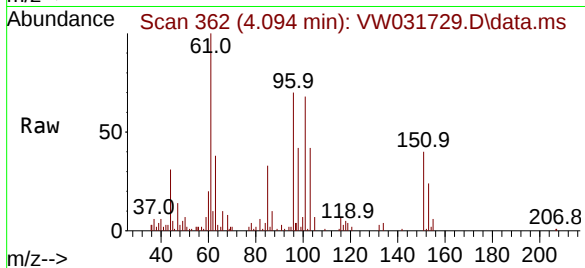




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.305 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.012 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

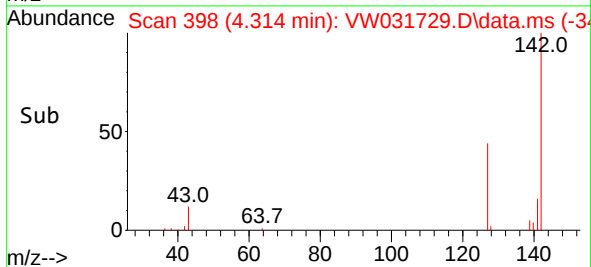
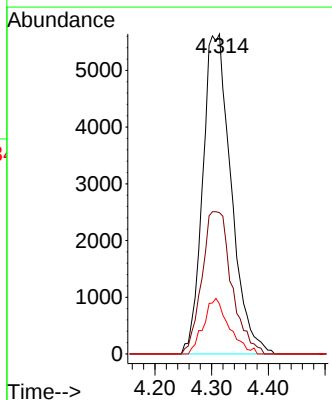
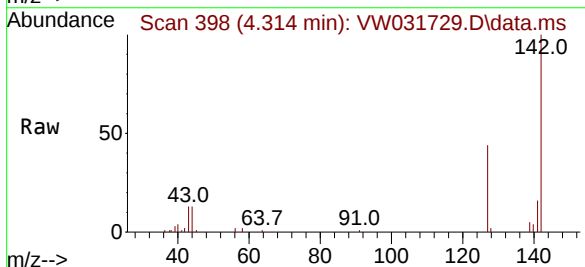
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

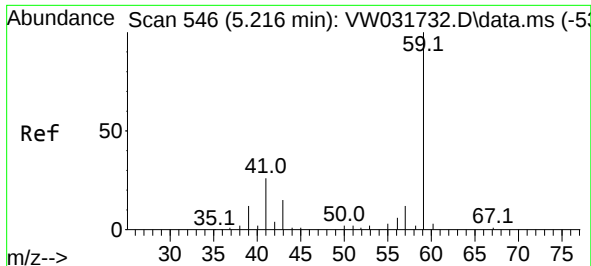
Tgt Ion:	101	Resp:	13215
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.6	53.4
151	73.8	56.8	85.2



#10
Methyl Iodide
Concen: 5.093 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:	142	Resp:	19559
Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.9	56.9
141	15.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 21.858 ug/l

RT: 5.222 min Scan# 54

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

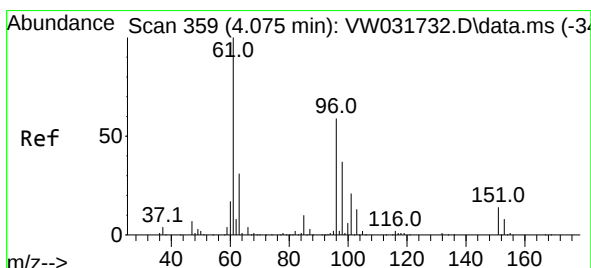
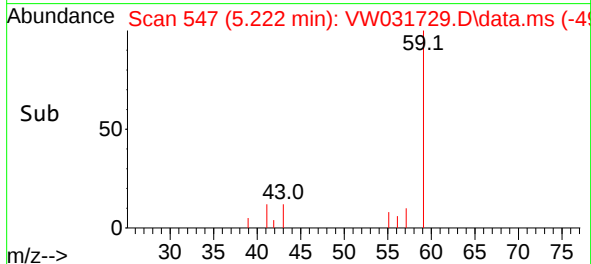
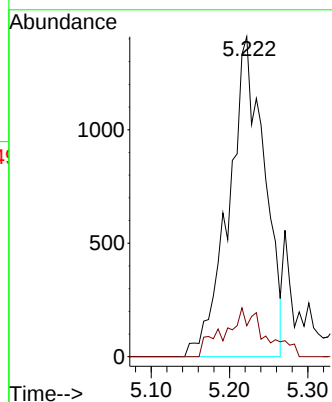
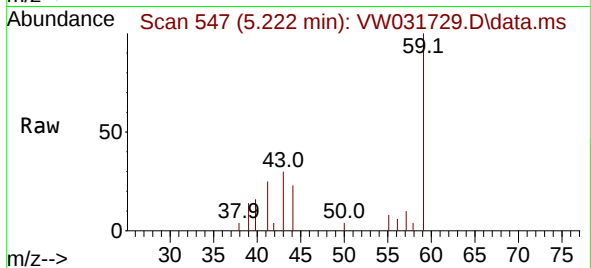
VSTDIC005

Tgt Ion: 59 Resp: 4450

Ion Ratio Lower Upper

59 100

57 13.6 9.5 14.3



#12

1,1-Dichloroethene

Concen: 5.055 ug/l

RT: 4.082 min Scan# 360

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

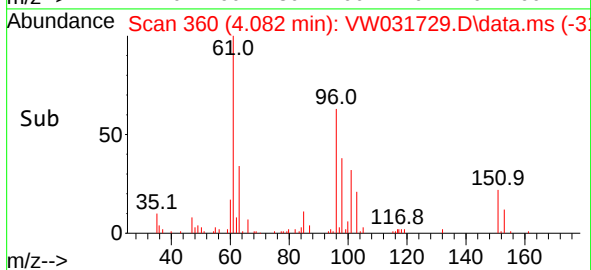
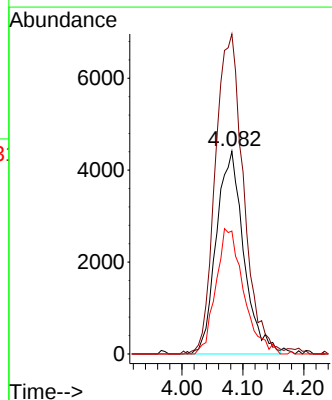
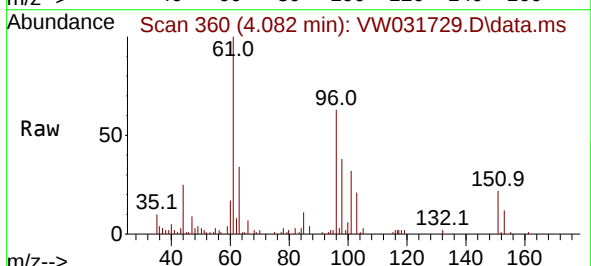
Tgt Ion: 96 Resp: 13793

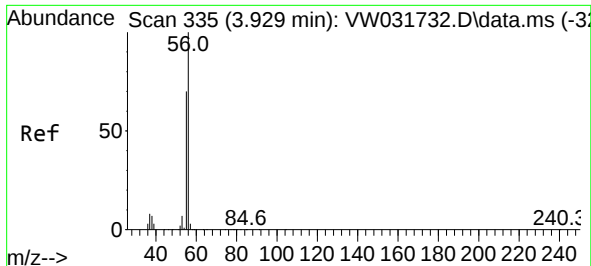
Ion Ratio Lower Upper

96 100

61 157.8 135.8 203.8

98 60.6 50.4 75.6

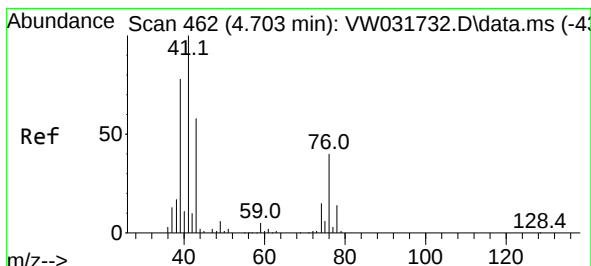
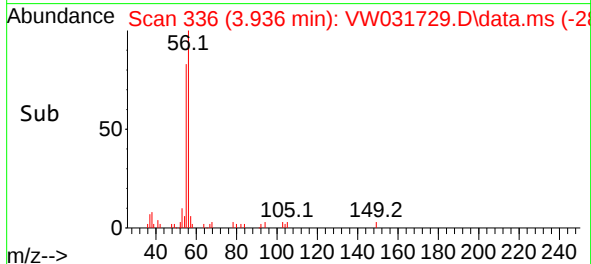
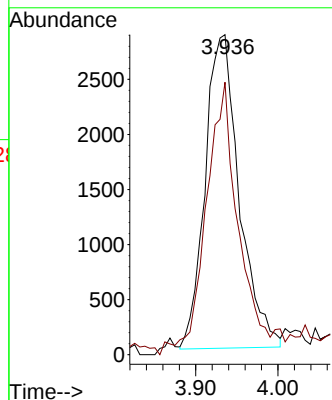
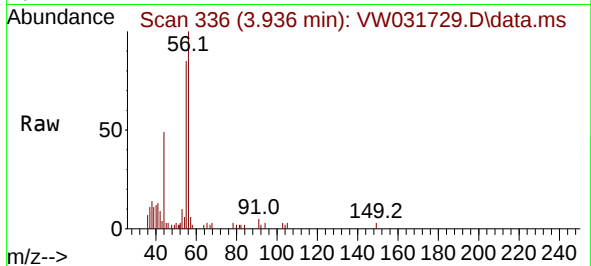




#13
Acrolein
Concen: 22.472 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

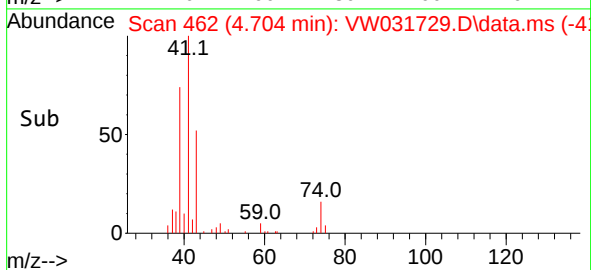
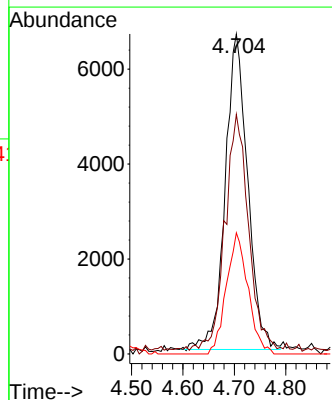
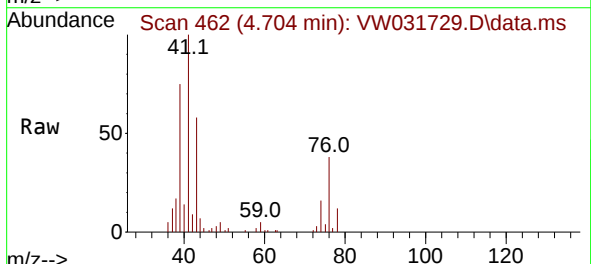
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

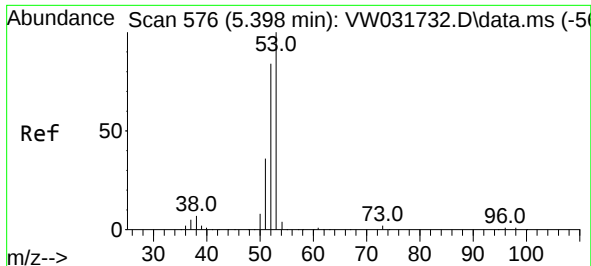
Tgt Ion: 56 Resp: 8223
Ion Ratio Lower Upper
56 100
55 81.7 54.0 81.0#



#14
Allyl chloride
Concen: 4.828 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 41 Resp: 20213
Ion Ratio Lower Upper
41 100
39 77.9 60.7 91.1
76 36.9 30.3 45.5

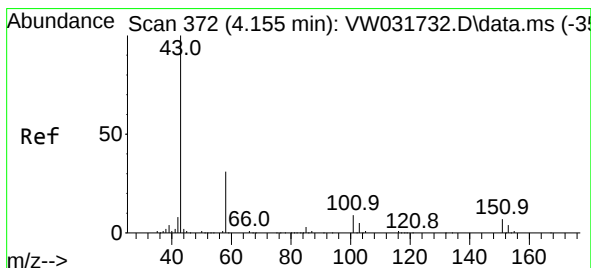
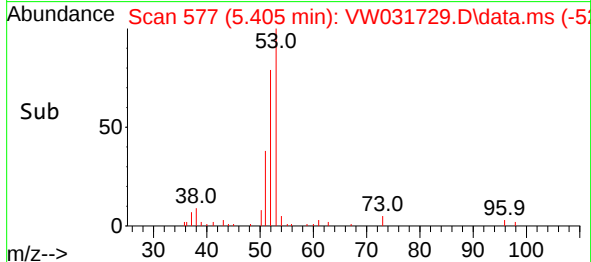
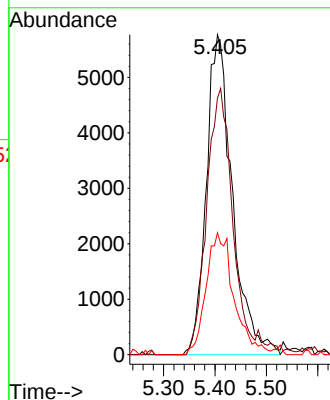
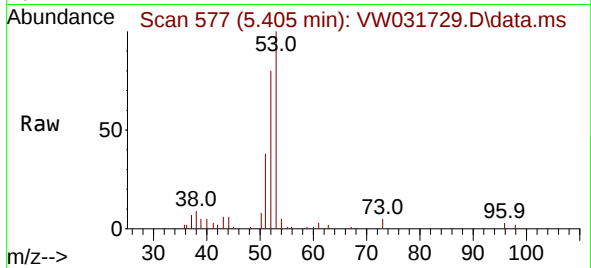




#15
Acrylonitrile
Concen: 24.197 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

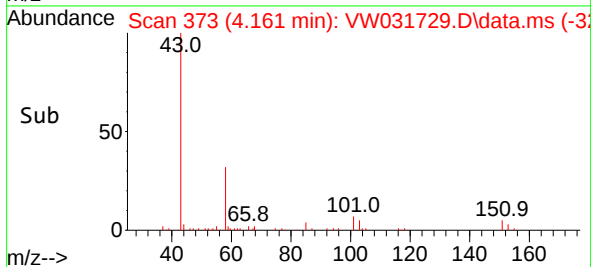
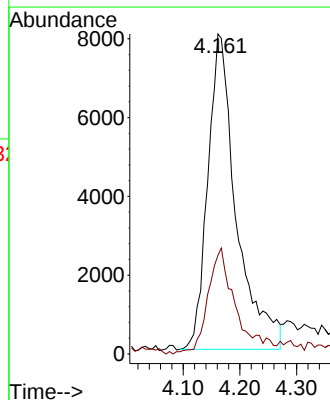
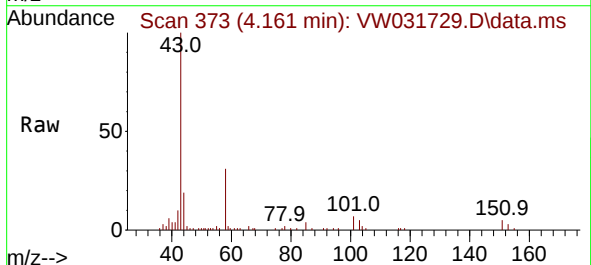
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

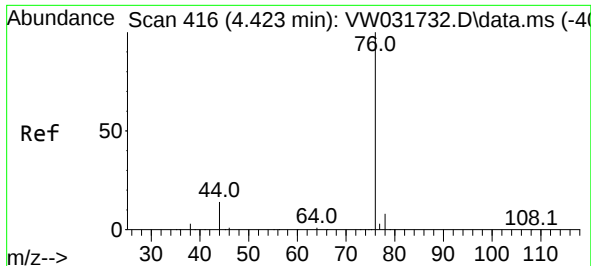
Tgt Ion:	53	Resp:	20292
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	40.7	29.9	44.9



#16
Acetone
Concen: 34.210 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:	43	Resp:	27960
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2

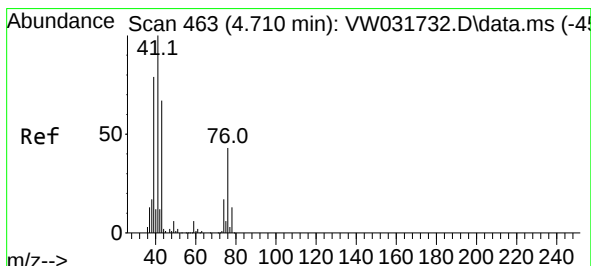
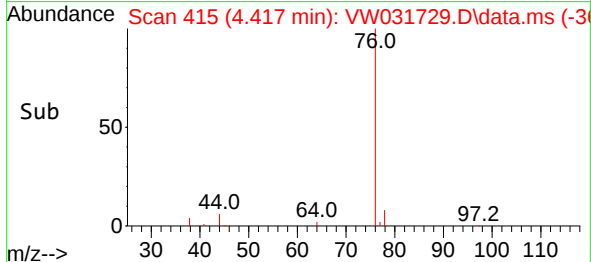
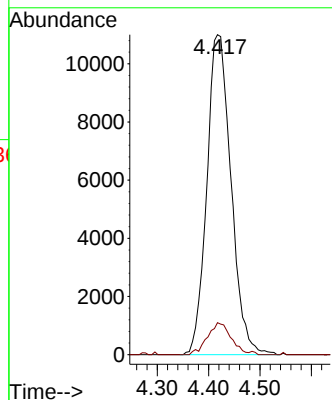
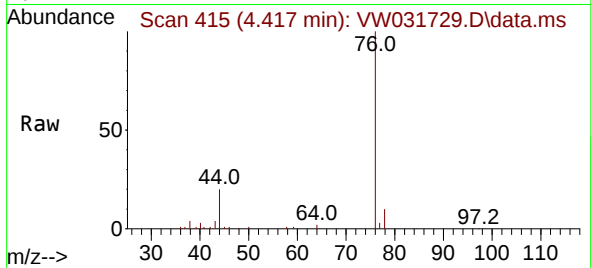




#17
Carbon Disulfide
Concen: 4.928 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

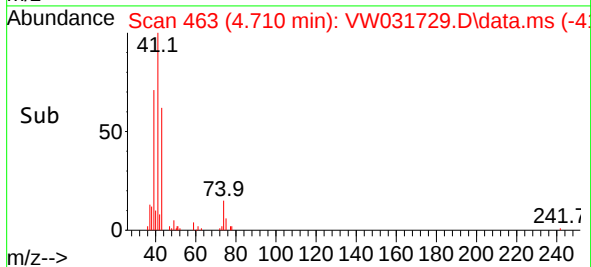
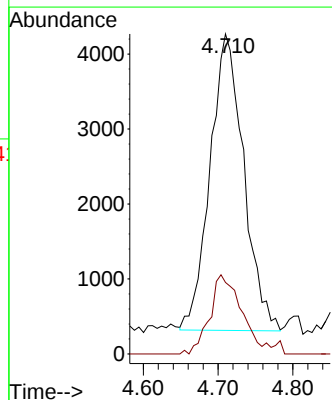
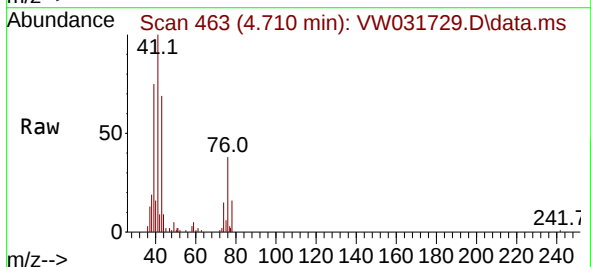
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

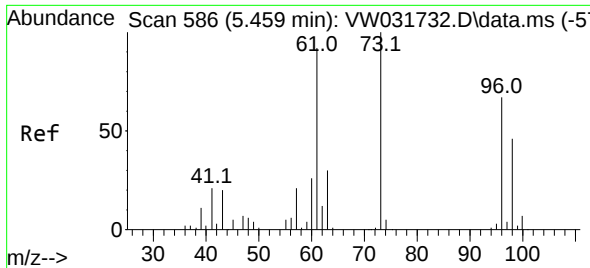
Tgt Ion: 76 Resp: 35984
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0#



#18
Methyl Acetate
Concen: 5.326 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 43 Resp: 12364
Ion Ratio Lower Upper
43 100
74 26.3 20.6 30.8

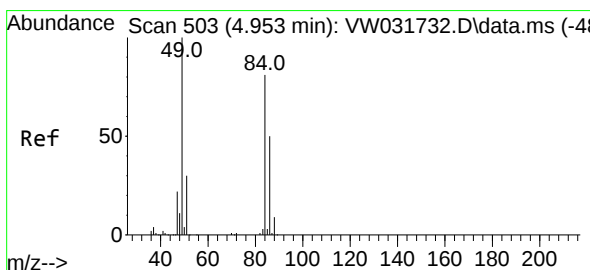
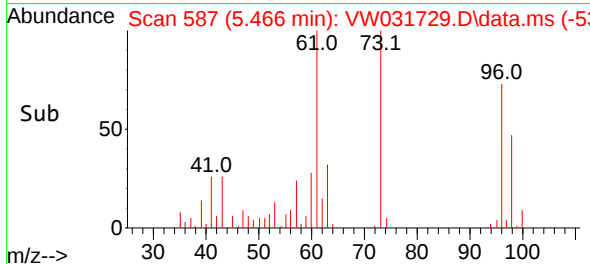
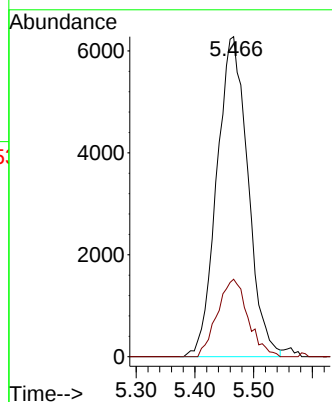
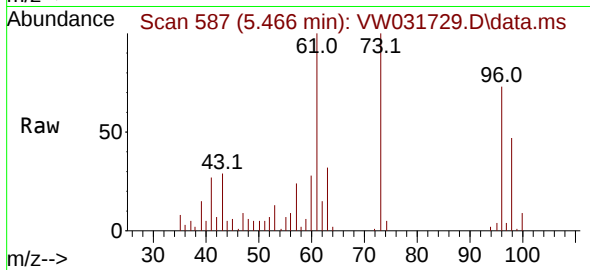




#19
Methyl tert-butyl Ether
Concen: 4.979 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

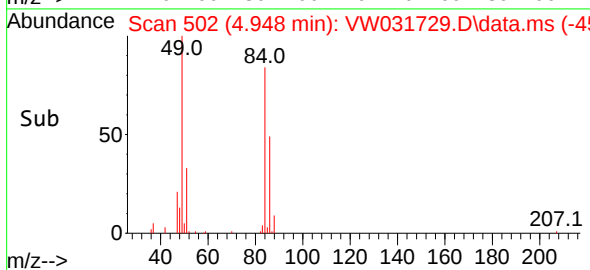
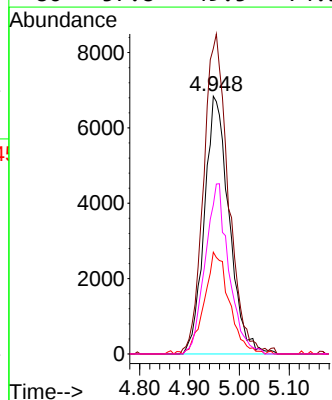
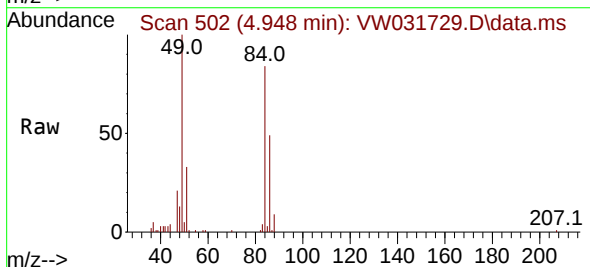
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

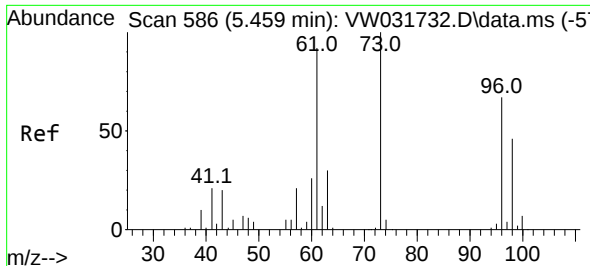
Tgt Ion: 73 Resp: 23058
Ion Ratio Lower Upper
73 100
57 24.2 17.2 25.8



#20
Methylene Chloride
Concen: 3.124 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 84 Resp: 23553
Ion Ratio Lower Upper
84 100
49 118.5 98.2 147.4
51 39.4 29.8 44.8
86 57.8 49.5 74.3

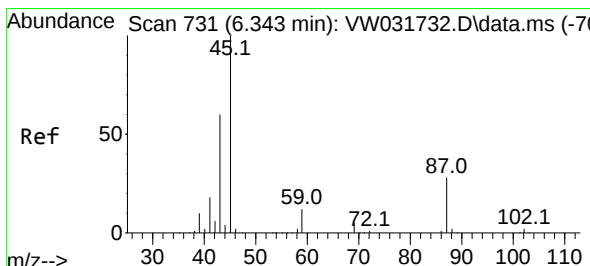
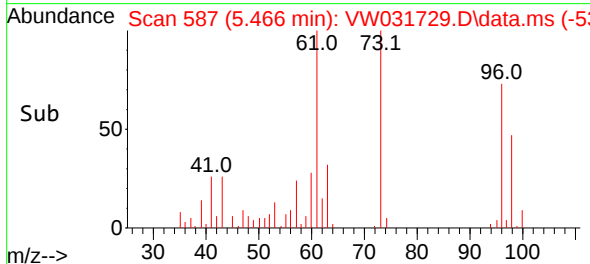
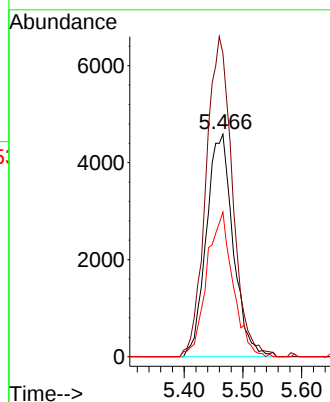
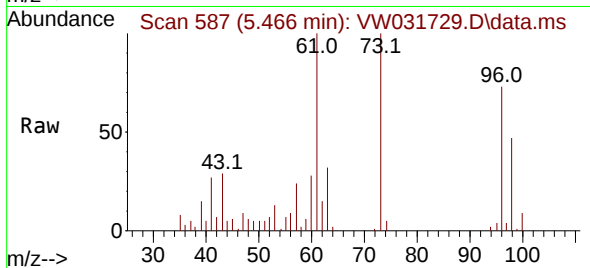




#21
trans-1,2-Dichloroethene
Concen: 5.015 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

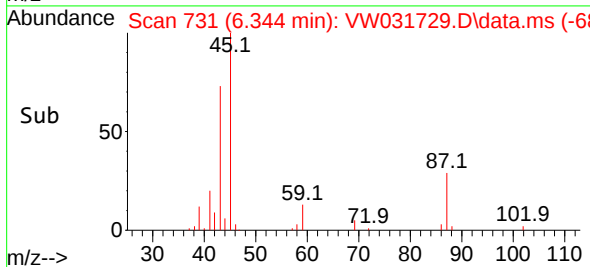
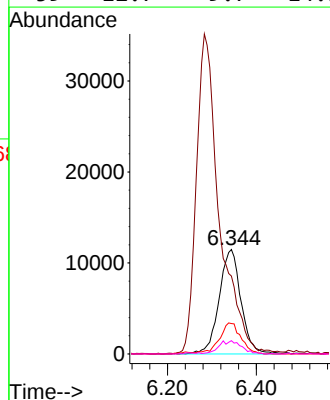
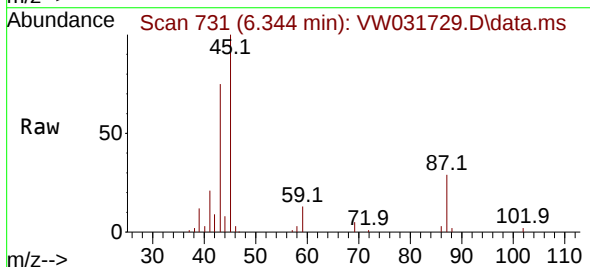
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

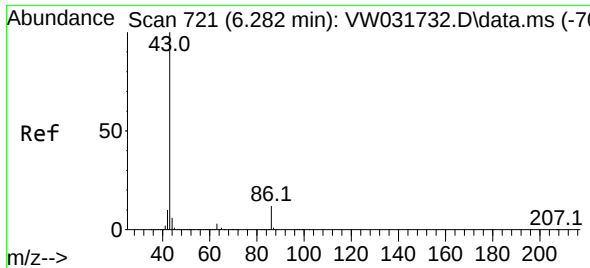
Tgt Ion: 96 Resp: 14541
Ion Ratio Lower Upper
96 100
61 136.4 109.8 164.6
98 65.0 54.9 82.3



#22
Diisopropyl ether
Concen: 4.784 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 45 Resp: 39057
Ion Ratio Lower Upper
45 100
43 72.9 48.3 72.5#
87 29.1 22.6 34.0
59 12.7 9.7 14.5

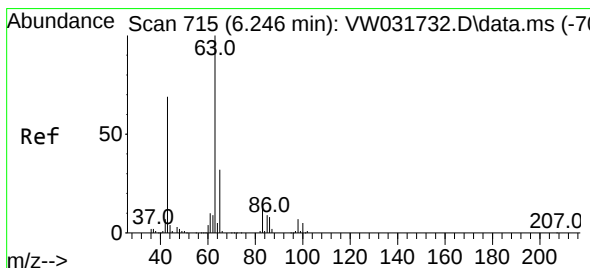
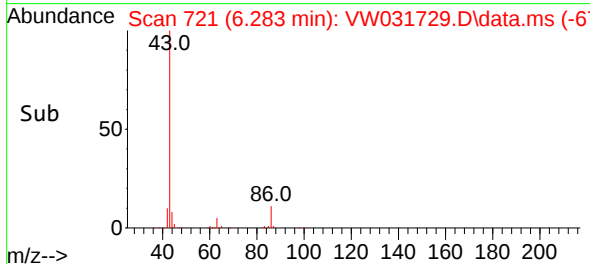
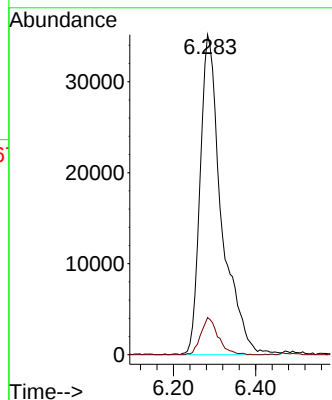
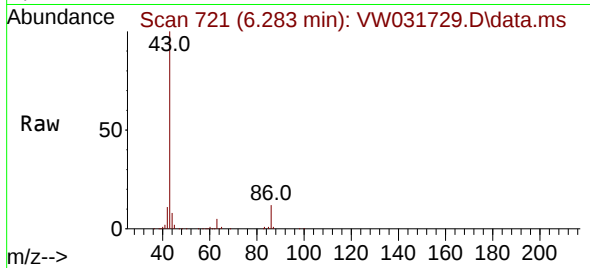




#23
 Vinyl Acetate
 Concen: 22.799 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

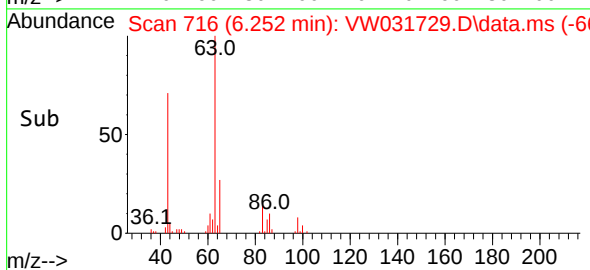
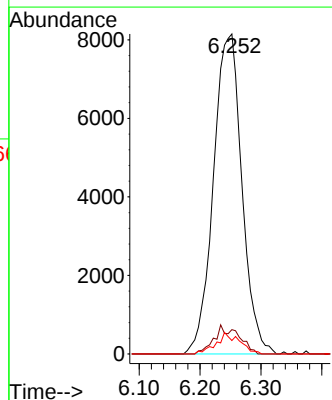
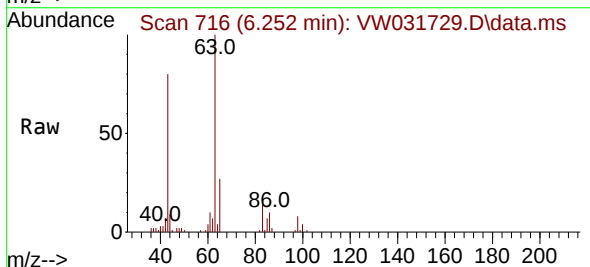
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

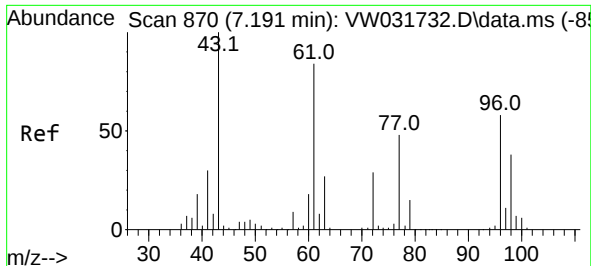
Tgt Ion: 43 Resp: 127146
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 4.992 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

Tgt Ion: 63 Resp: 26423
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.2 2.5 7.5

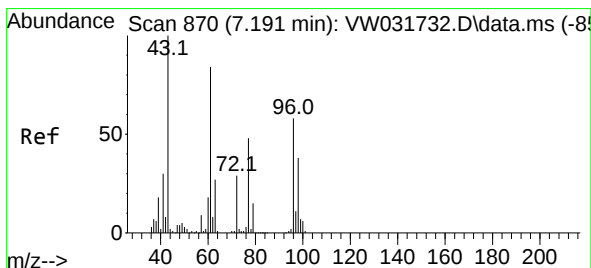
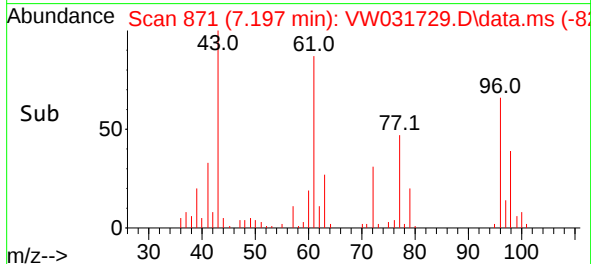
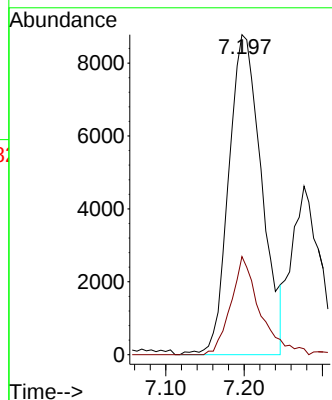
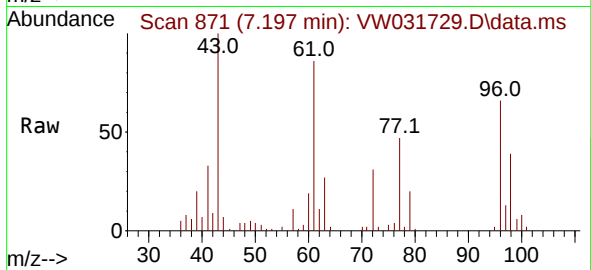




#25
2-Butanone
Concen: 24.268 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

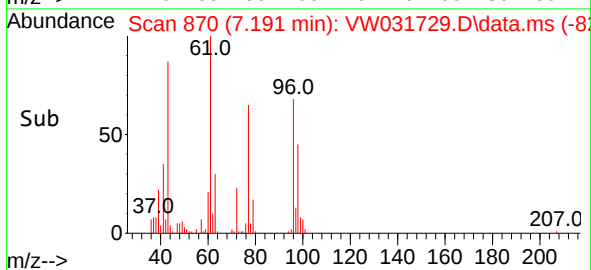
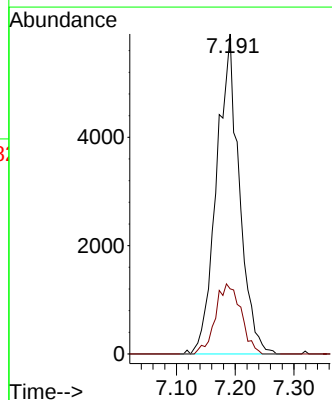
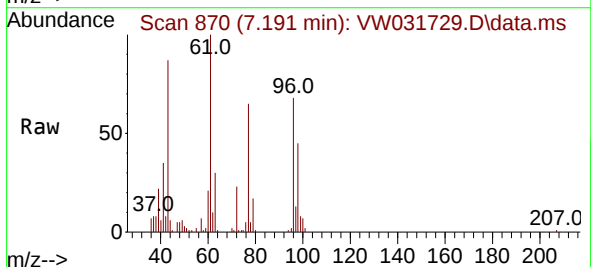
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

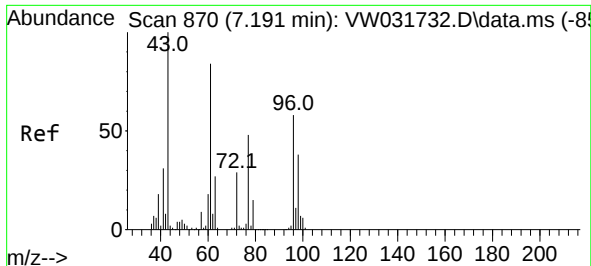
Tgt Ion: 43 Resp: 25644
Ion Ratio Lower Upper
43 100
72 30.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 5.140 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 77 Resp: 15875
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 4.883 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

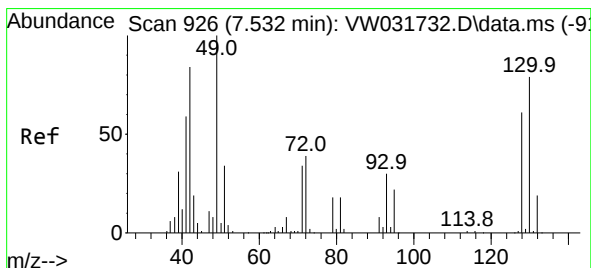
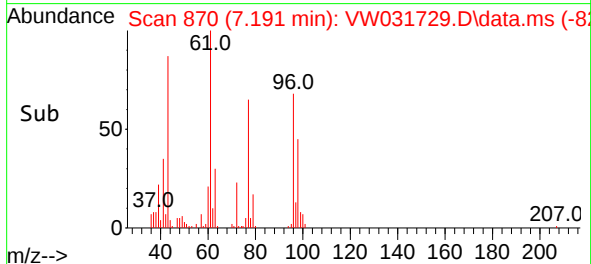
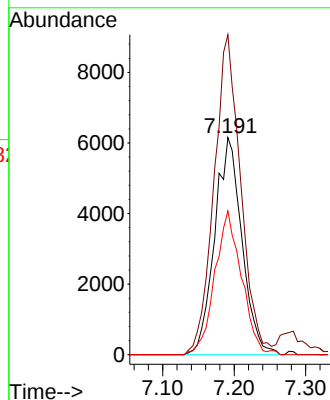
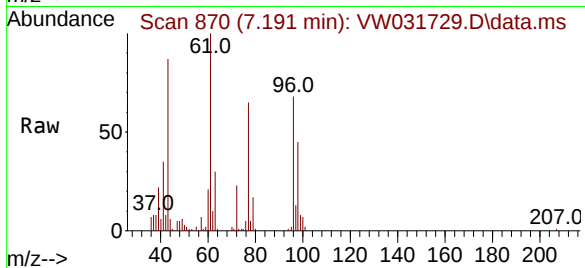
Tgt Ion: 96 Resp: 16273

Ion Ratio Lower Upper

96 100

61 144.5 0.0 286.8

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 5.210 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

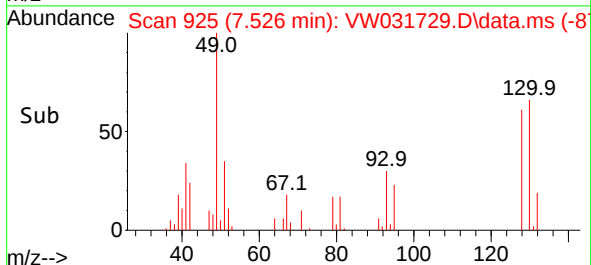
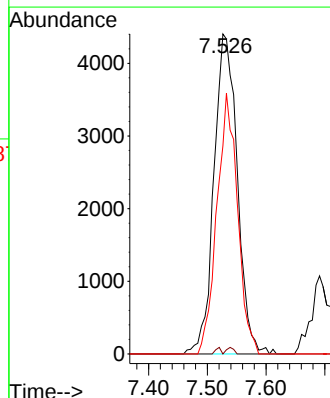
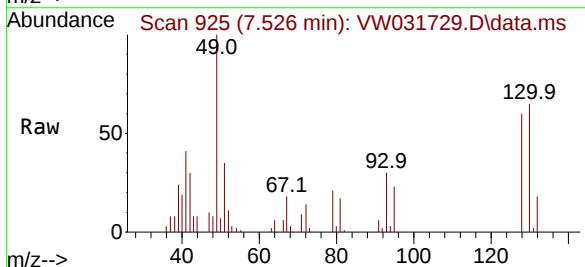
Tgt Ion: 49 Resp: 12169

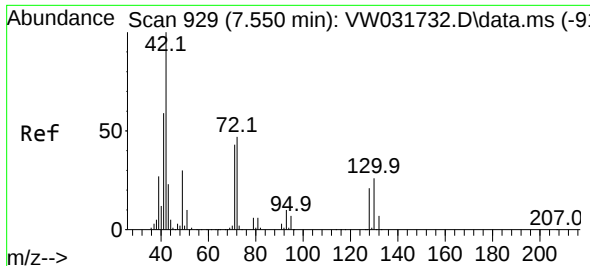
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

130 0.0 61.3 91.9#





#29

Tetrahydrofuran

Concen: 23.866 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

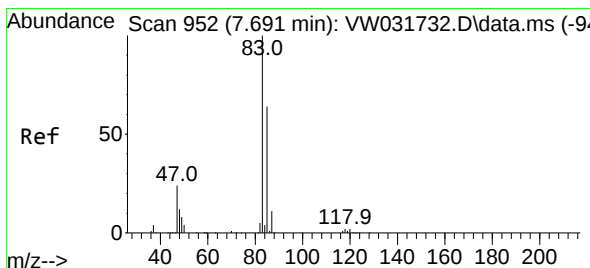
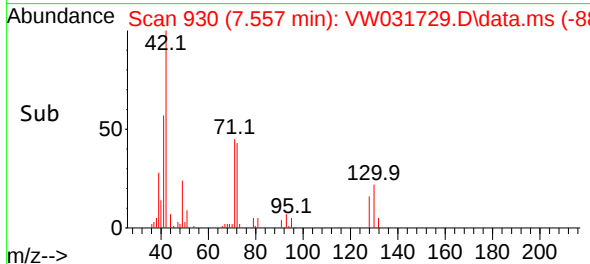
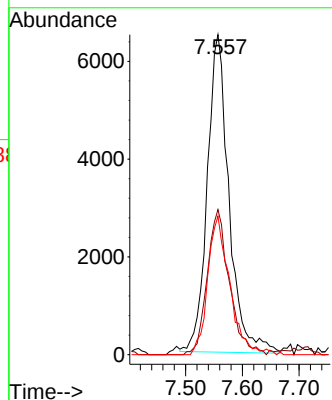
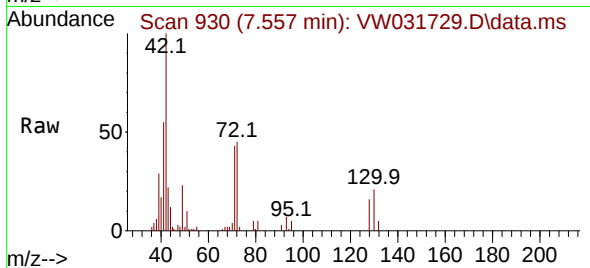
Tgt Ion: 42 Resp: 17271

Ion Ratio Lower Upper

42 100

72 46.5 36.8 55.2

71 43.7 34.6 52.0



#30

Chloroform

Concen: 5.007 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031729.D

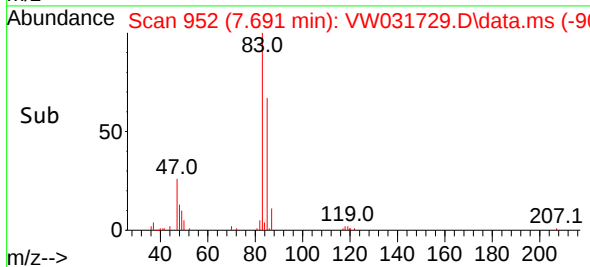
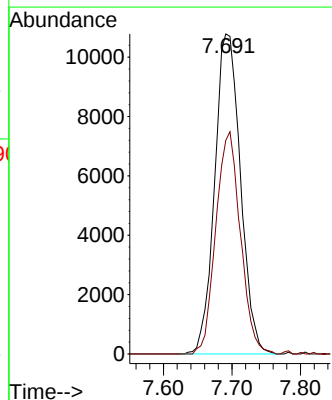
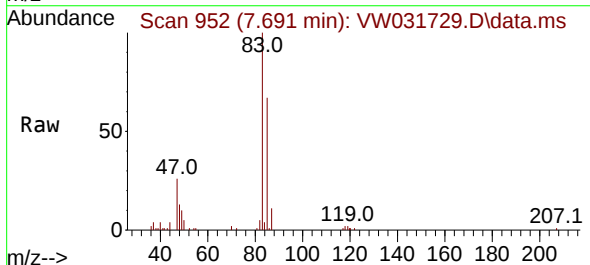
Acq: 30 Jun 2025 09:54

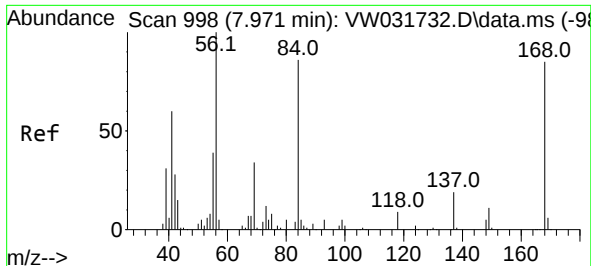
Tgt Ion: 83 Resp: 28162

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0

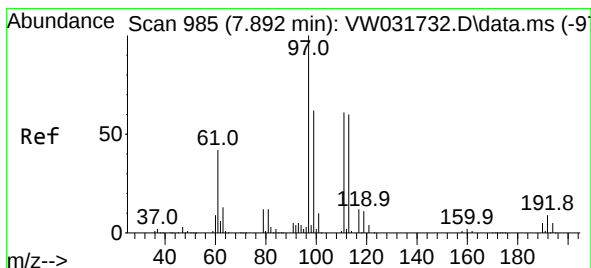
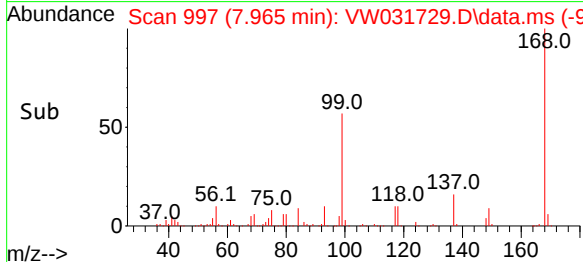
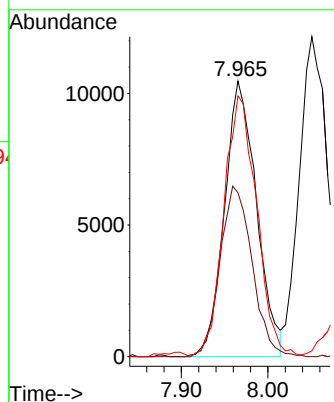
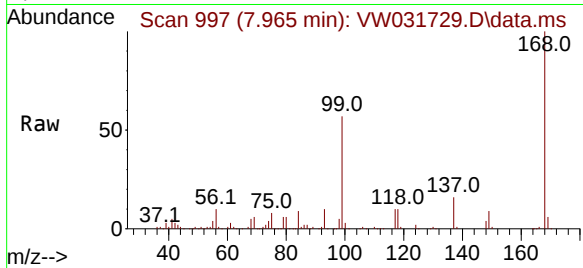




#31
Cyclohexane
Concen: 5.750 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

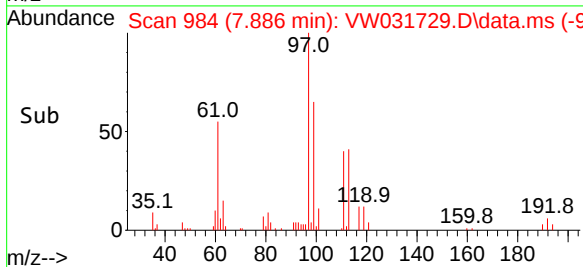
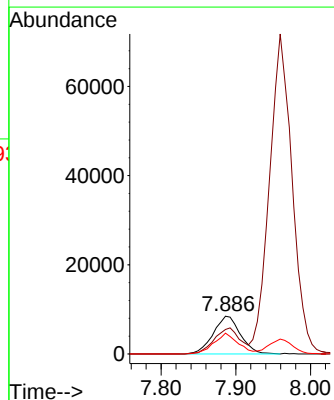
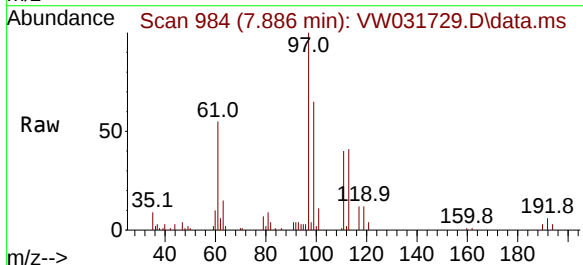
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

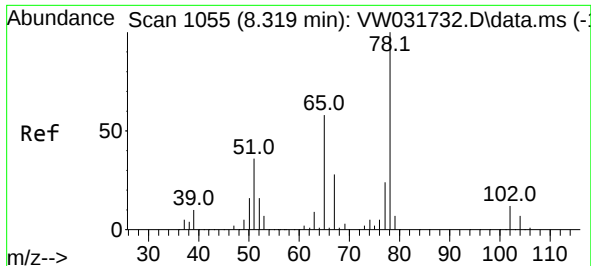
Tgt Ion: 56 Resp: 26905
Ion Ratio Lower Upper
56 100
69 59.5 27.2 40.8#
84 93.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 4.929 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 97 Resp: 21367
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.6
61 48.4 36.0 54.0

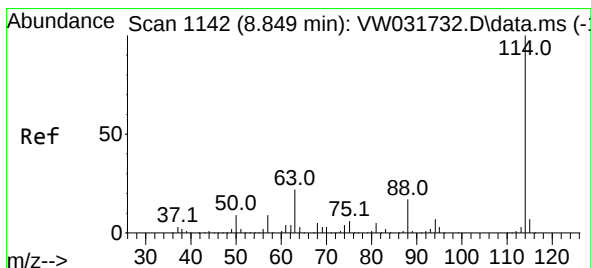
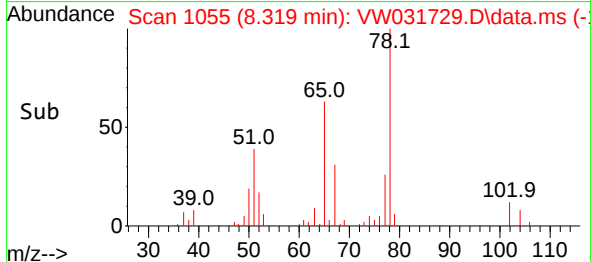
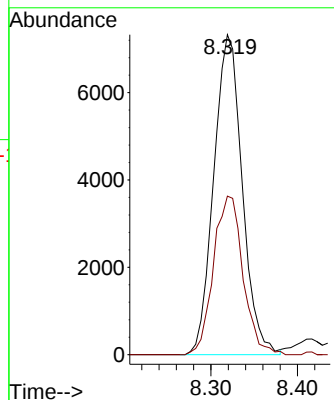
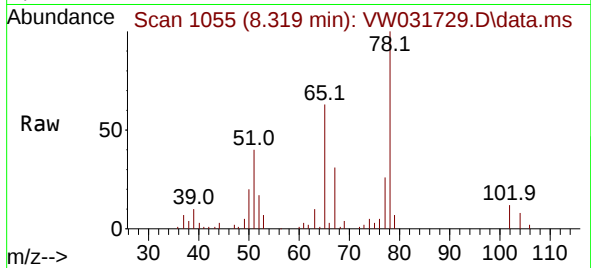




#33
 1,2-Dichloroethane-d4
 Concen: 5.090 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

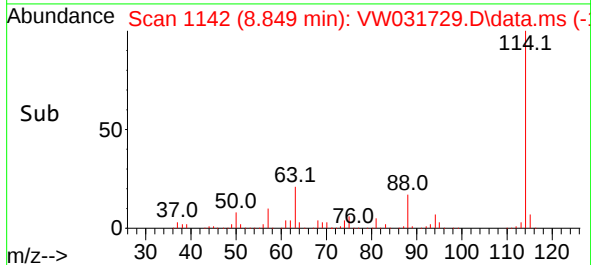
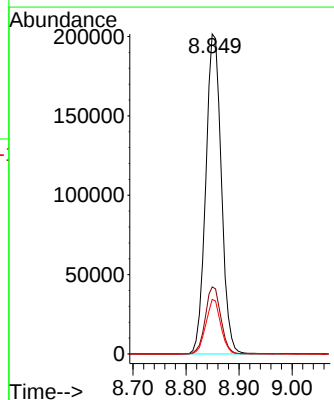
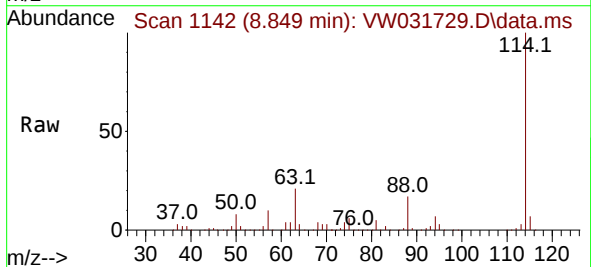
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

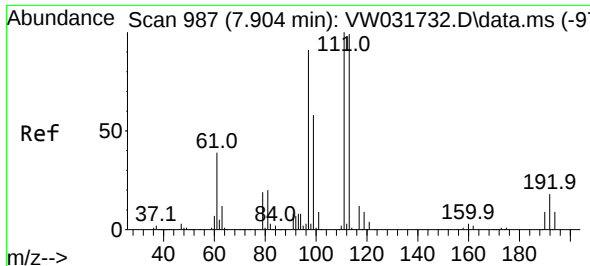
Tgt Ion: 65 Resp: 16728
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

Tgt Ion: 114 Resp: 410655
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.6
 88 17.0 0.0 34.2

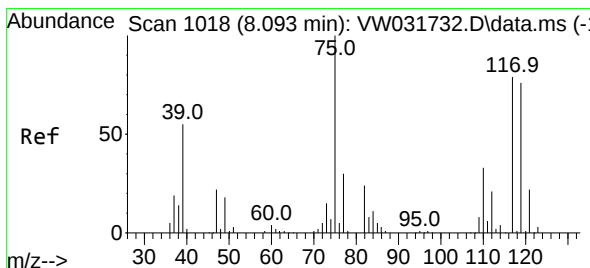
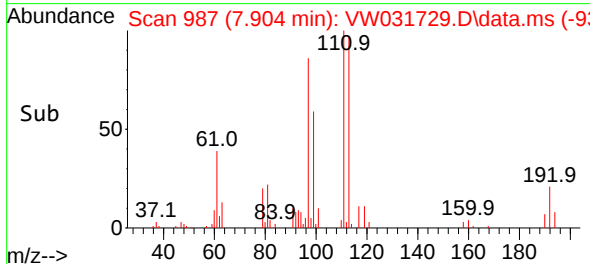
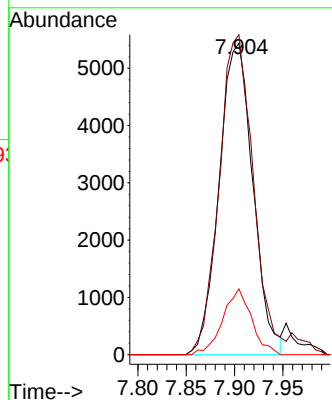
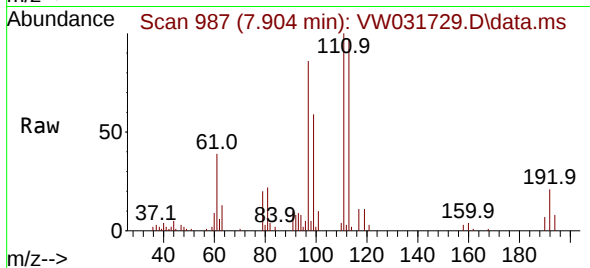




#35
Dibromofluoromethane
Concen: 4.936 ug/l
RT: 7.904 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

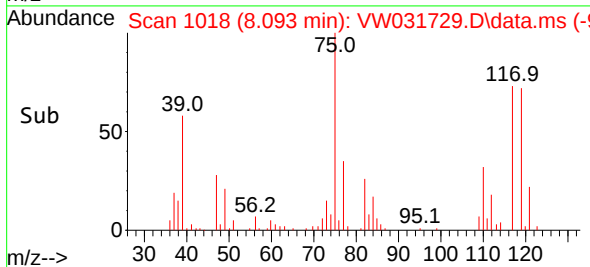
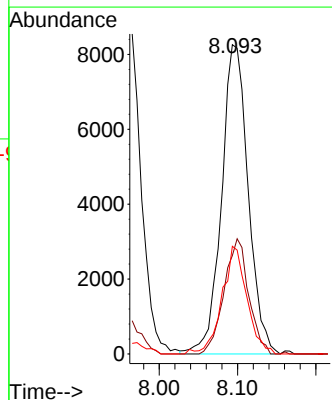
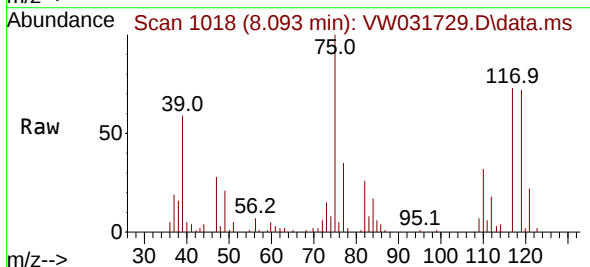
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

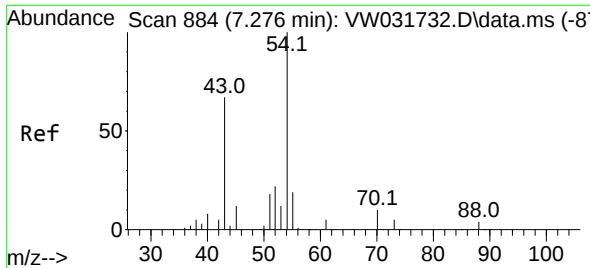
Tgt Ion:113 Resp: 13228
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 18.1 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 75 Resp: 19574
Ion Ratio Lower Upper
75 100
110 34.4 16.8 50.4
77 32.5 25.0 37.6

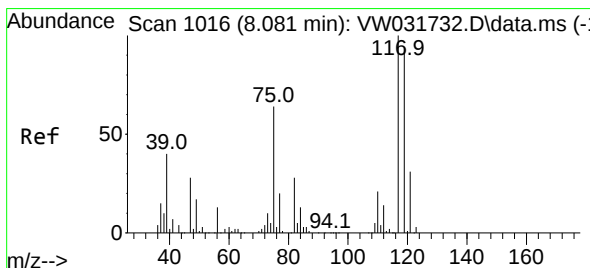
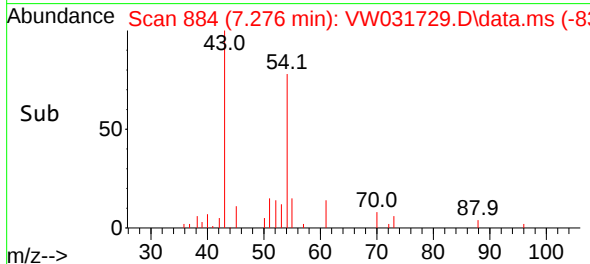
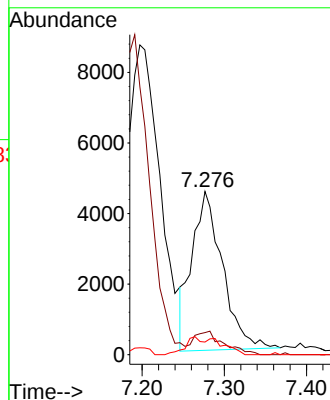
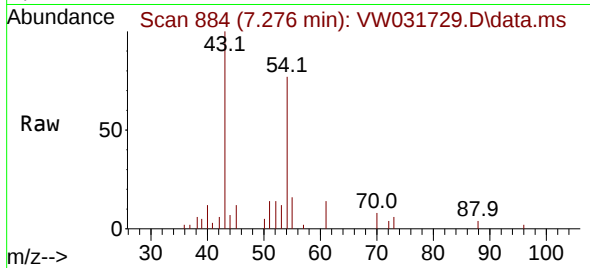




#37
Ethyl Acetate
Concen: 4.752 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

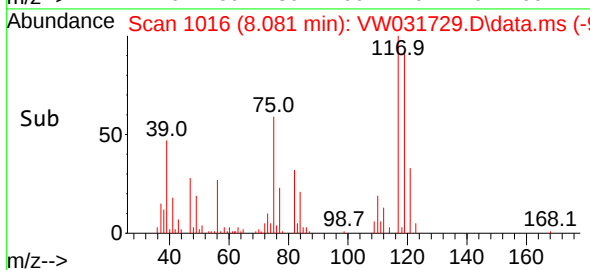
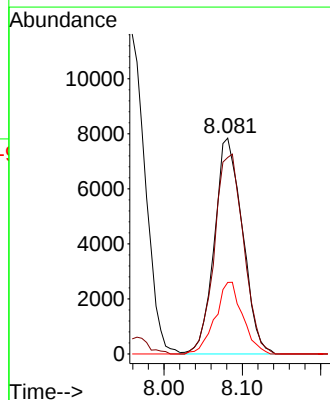
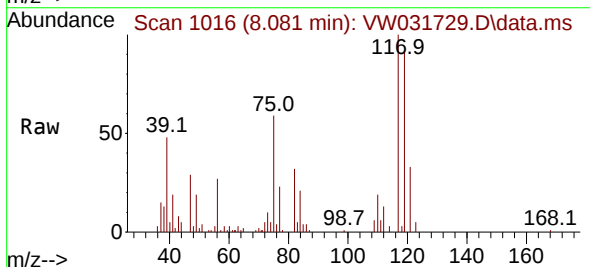
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

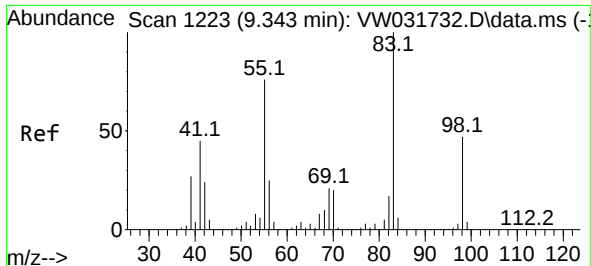
Tgt Ion: 43 Resp: 11623
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 6.7 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 4.954 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 117 Resp: 19576
Ion Ratio Lower Upper
117 100
119 91.0 75.0 112.6
121 33.1 24.6 37.0

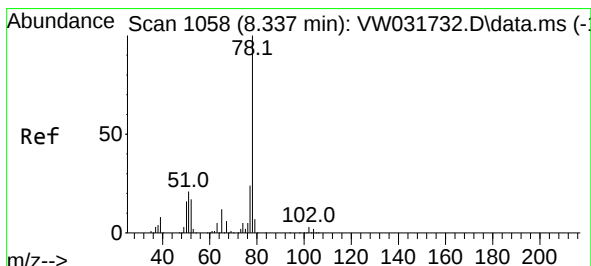
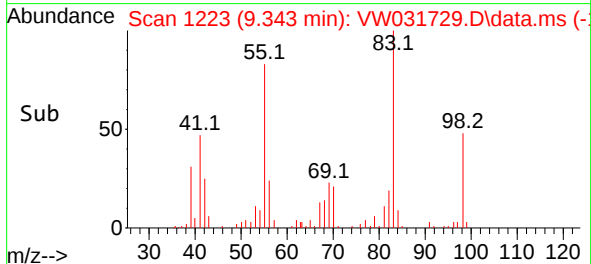
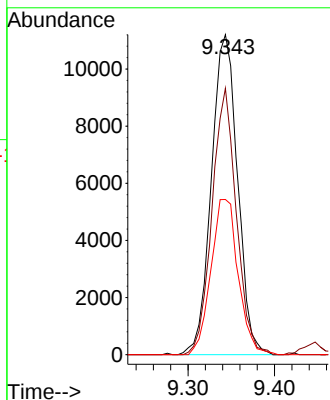
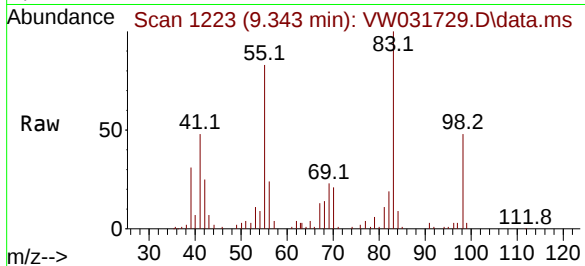




#39
Methylcyclohexane
Concen: 4.877 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

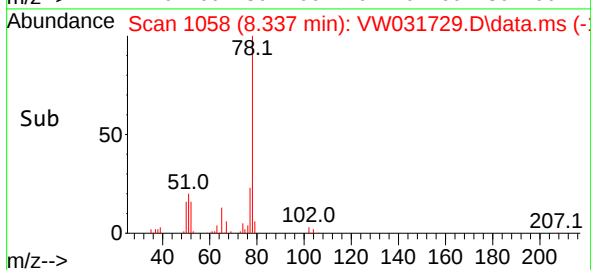
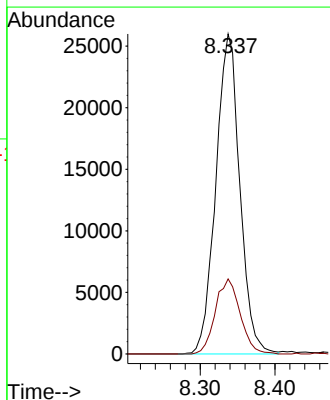
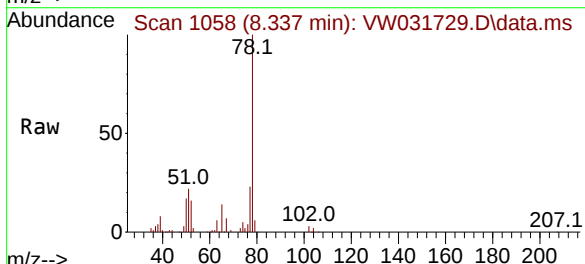
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

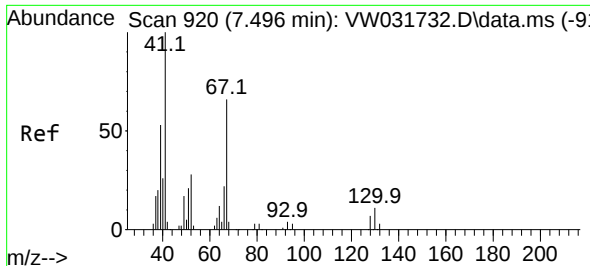
Tgt Ion: 83 Resp: 23529
Ion Ratio Lower Upper
83 100
55 83.2 61.0 91.4
98 48.5 37.9 56.9



#40
Benzene
Concen: 5.046 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 78 Resp: 57889
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

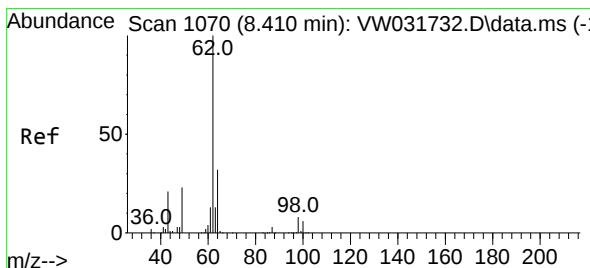
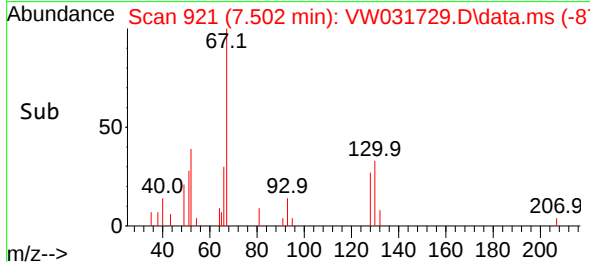
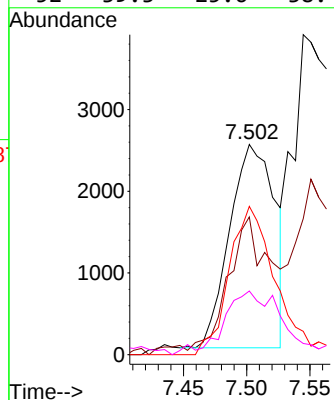
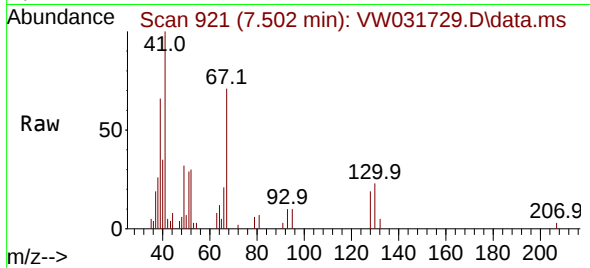




#41
Methacrylonitrile
Concen: 4.724 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

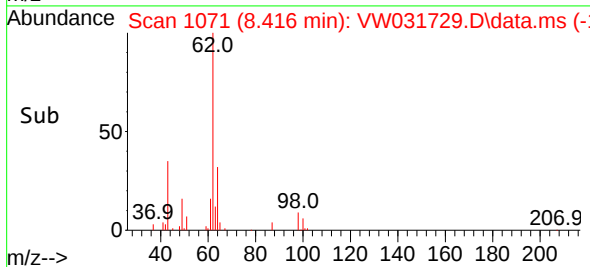
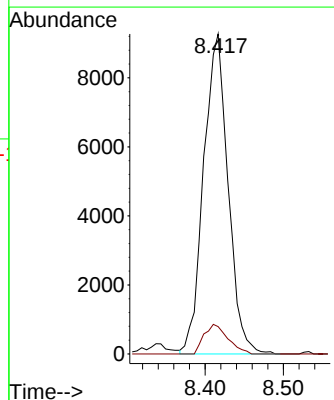
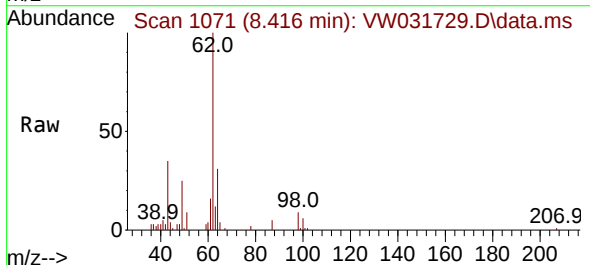
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

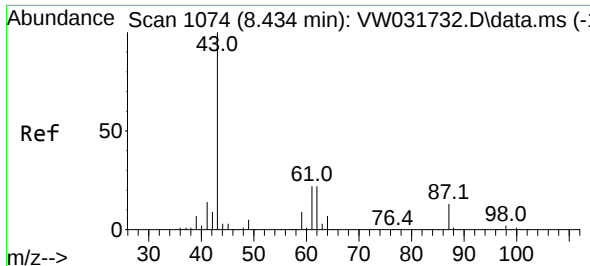
Tgt Ion: 41	Resp: 6190
Ion Ratio	Lower Upper
41 100	
39 65.9	43.2 64.8#
67 75.5	58.1 87.1
52 39.3	25.6 38.4#



#42
1,2-Dichloroethane
Concen: 5.194 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 62	Resp: 20133
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 17.2

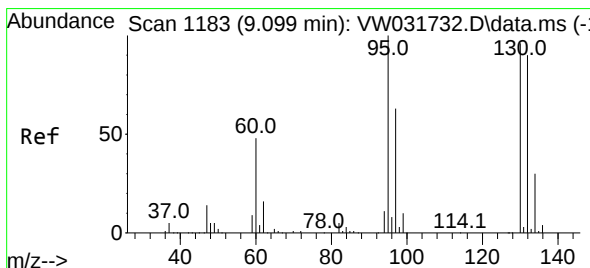
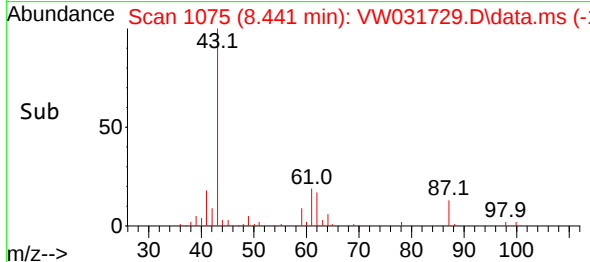
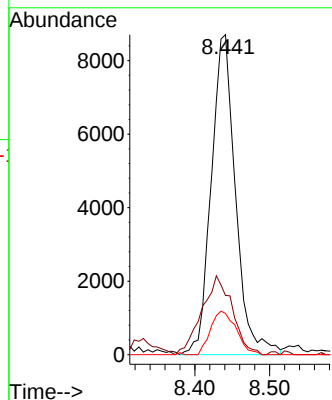
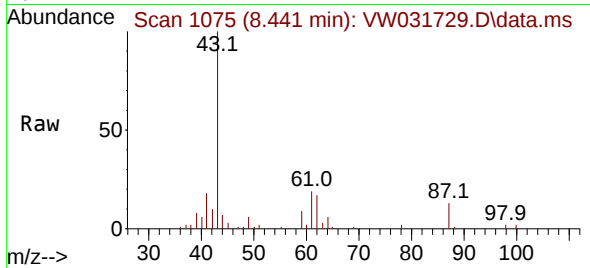




#43
Isopropyl Acetate
Concen: 4.673 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

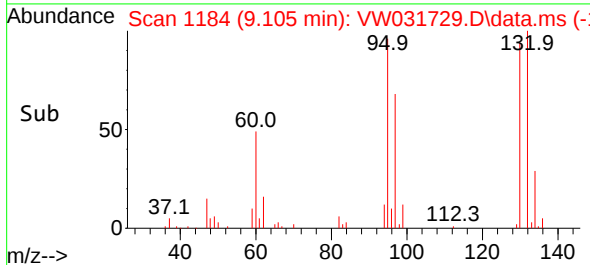
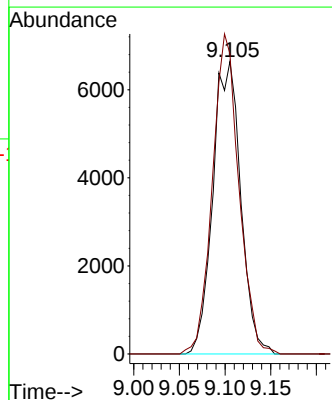
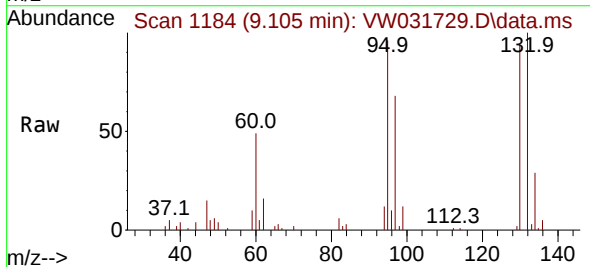
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

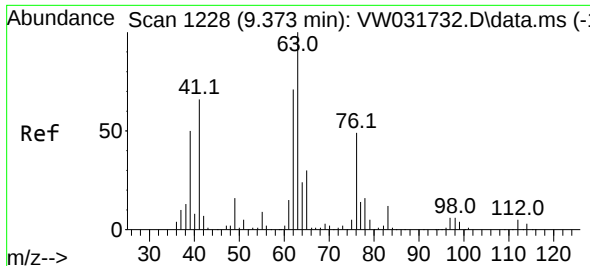
Tgt Ion: 43 Resp: 19704
Ion Ratio Lower Upper
43 100
61 30.9 23.1 34.7
87 14.3 10.8 16.2



#44
Trichloroethene
Concen: 4.928 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 130 Resp: 14112
Ion Ratio Lower Upper
130 100
95 102.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 5.152 ug/l

RT: 9.374 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

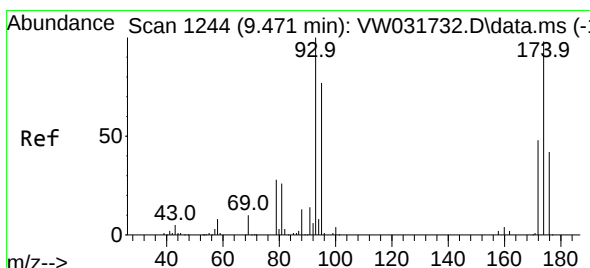
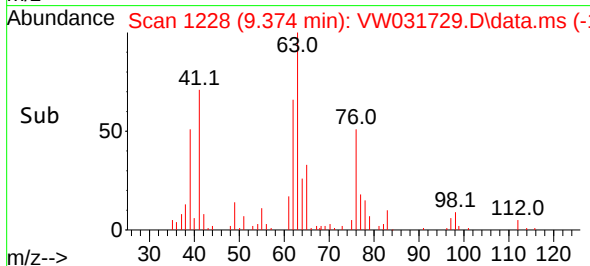
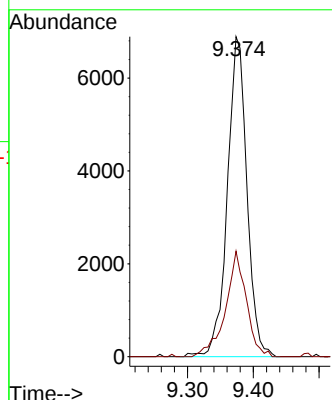
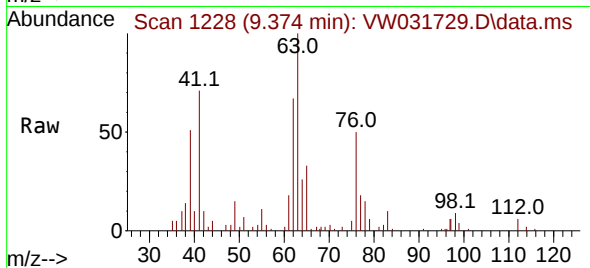
VSTDICC005

Tgt Ion: 63 Resp: 14286

Ion Ratio Lower Upper

63 100

65 32.9 24.2 36.4



#46

Dibromomethane

Concen: 5.242 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

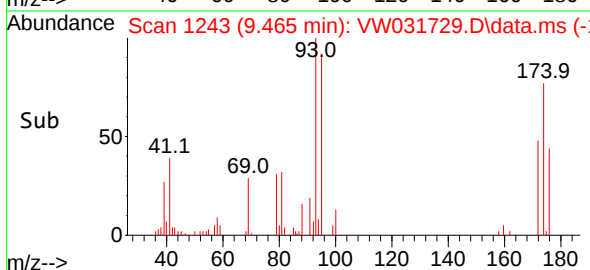
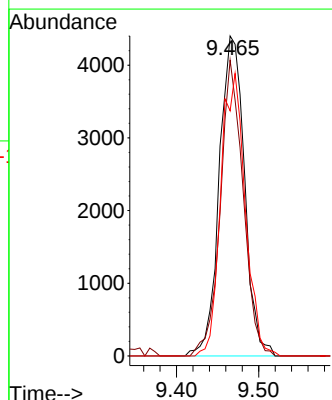
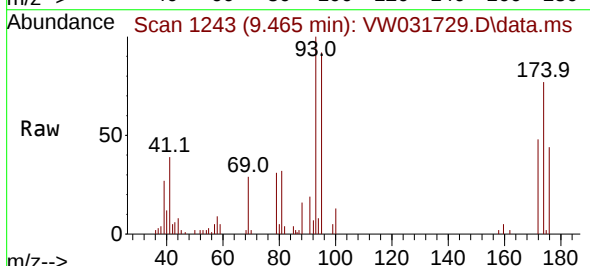
Tgt Ion: 93 Resp: 9383

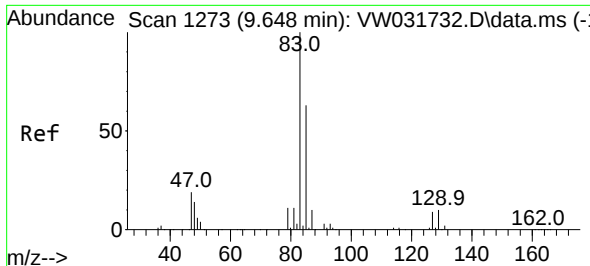
Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.4

174 85.7 71.7 107.5

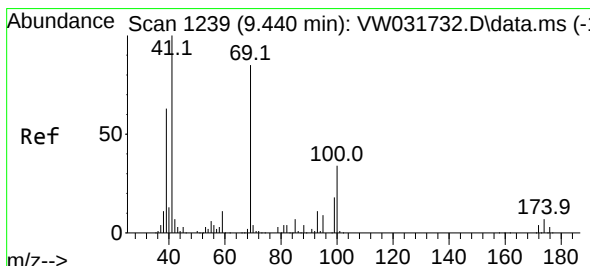
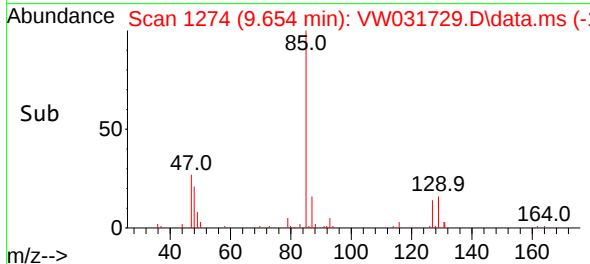
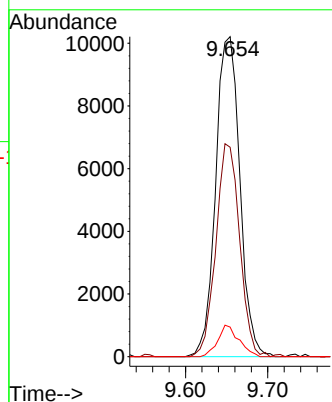
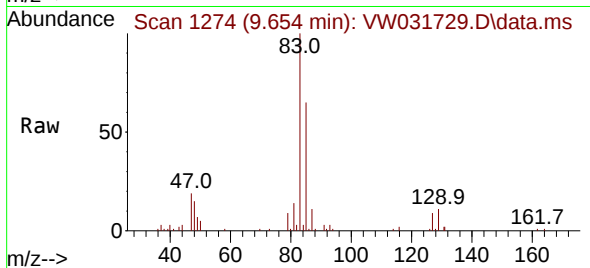




#47
Bromodichloromethane
Concen: 4.976 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

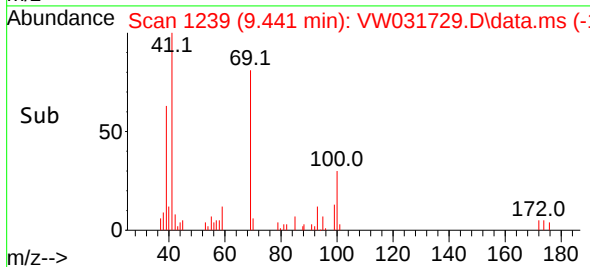
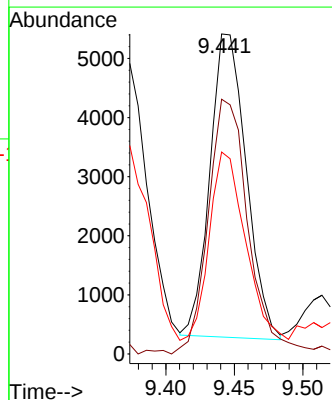
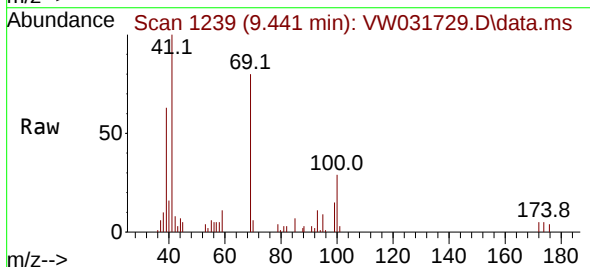
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

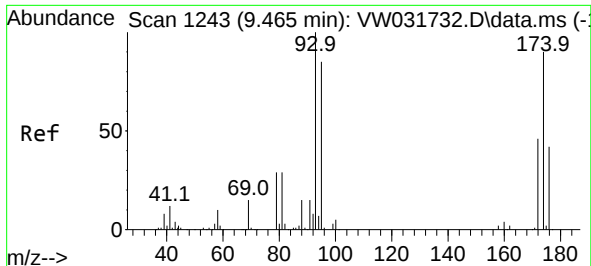
Tgt Ion: 83	Resp: 20888
Ion Ratio	Lower Upper
83 100	
85 65.4	50.8 76.2
127 9.2	6.8 10.2



#48
Methyl methacrylate
Concen: 4.563 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 41	Resp: 9461
Ion Ratio	Lower Upper
41 100	
69 92.7	71.6 107.4
39 62.2	49.5 74.3





#49

1,4-Dioxane

Concen: 94.872 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

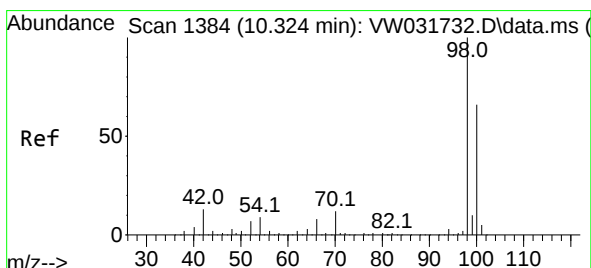
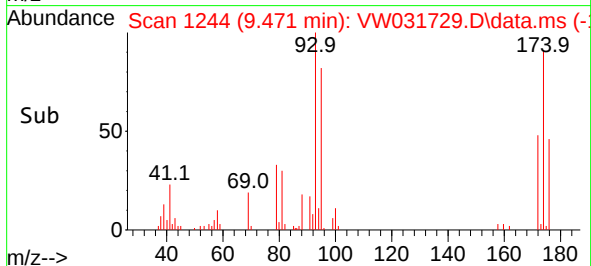
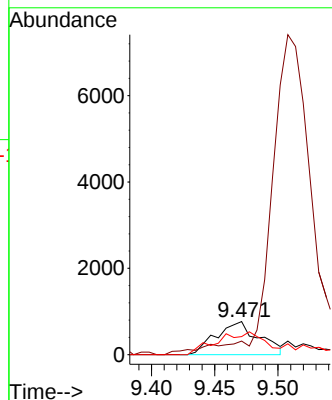
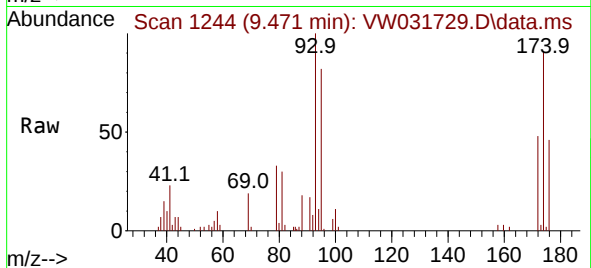
Tgt Ion: 88 Resp: 1808

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.7 58.3 87.5



#50

Toluene-d8

Concen: 4.615 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031729.D

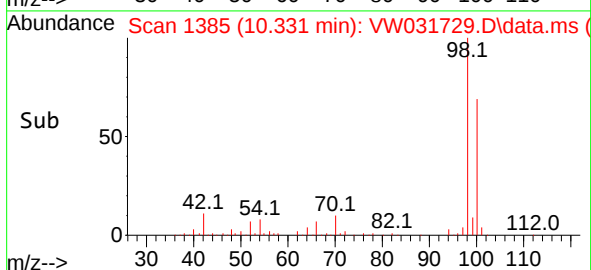
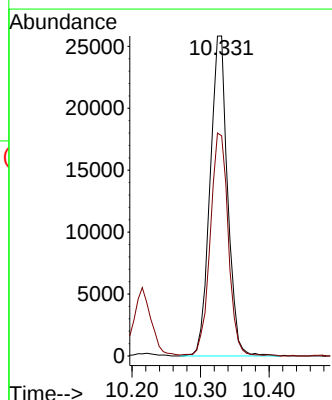
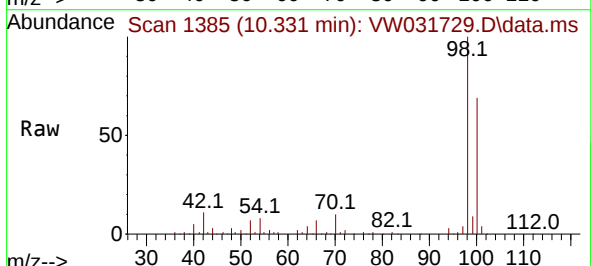
Acq: 30 Jun 2025 09:54

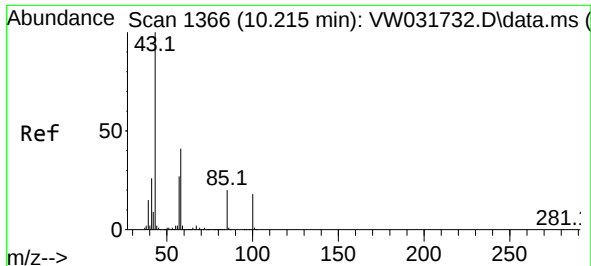
Tgt Ion: 98 Resp: 46017

Ion Ratio Lower Upper

98 100

100 71.0 53.0 79.4

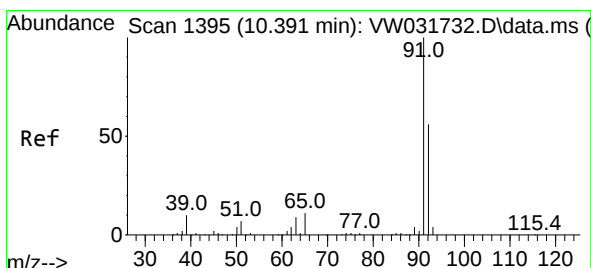
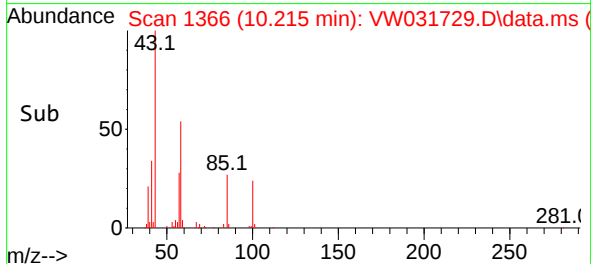
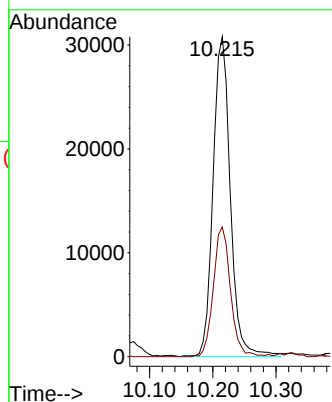
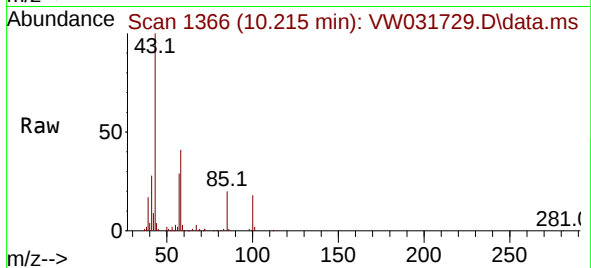




#51
4-Methyl-2-Pentanone
Concen: 24.143 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

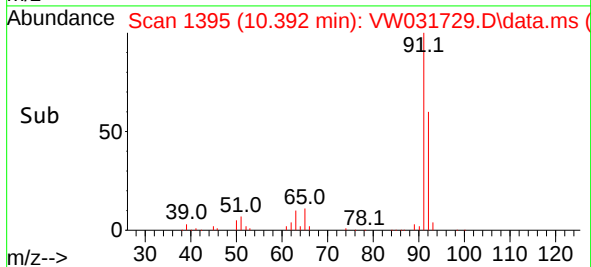
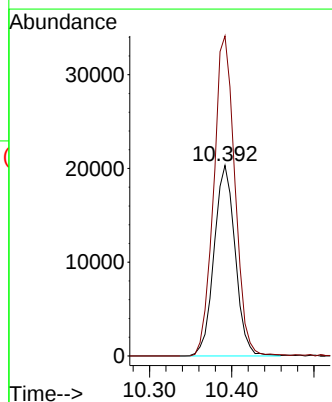
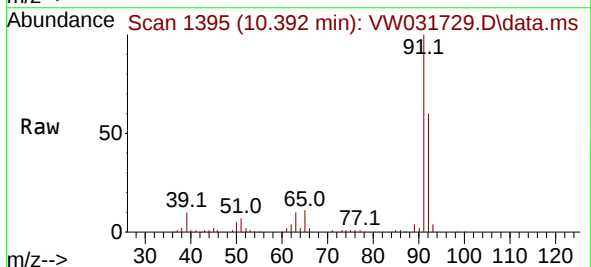
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

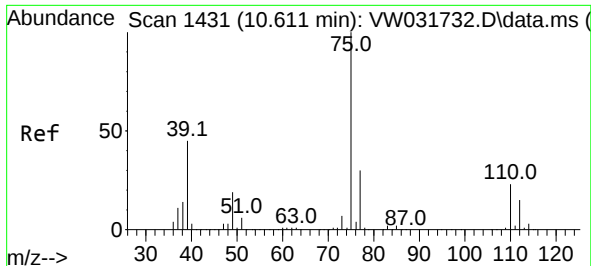
Tgt Ion: 43 Resp: 58525
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 4.928 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 92 Resp: 36200
Ion Ratio Lower Upper
92 100
91 169.1 139.5 209.3

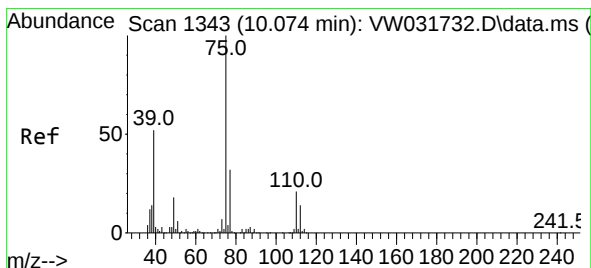
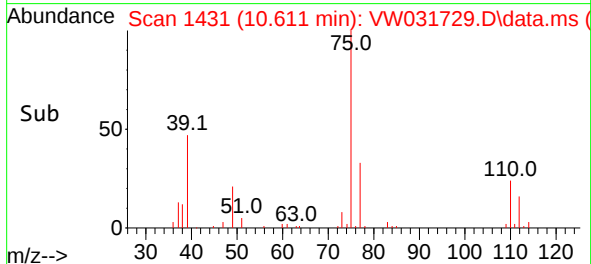
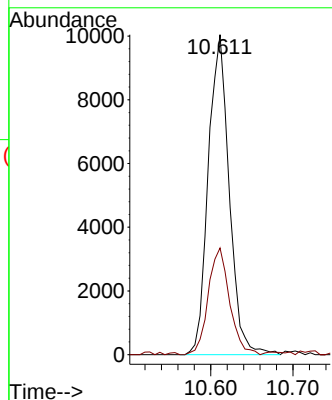
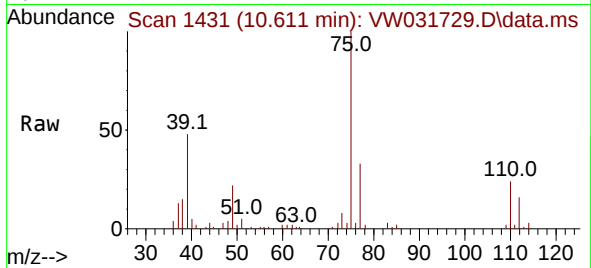




#53
t-1,3-Dichloropropene
Concen: 4.508 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

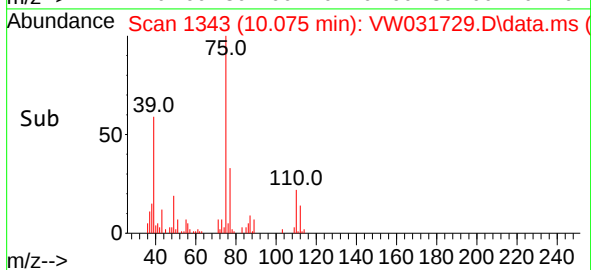
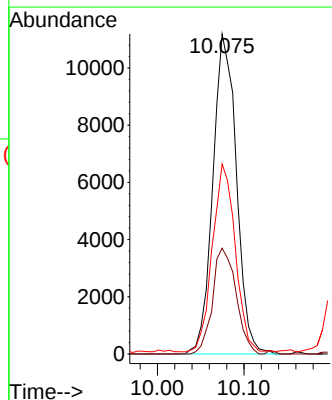
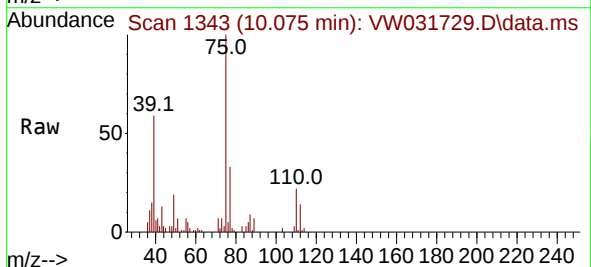
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

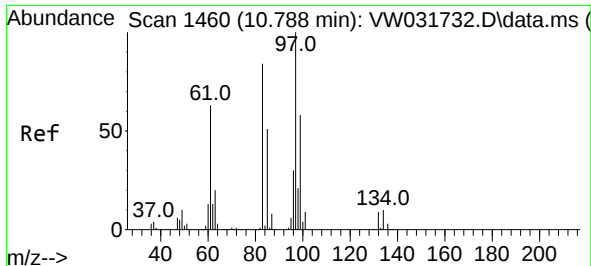
Tgt Ion: 75 Resp: 17756
Ion Ratio Lower Upper
75 100
77 33.3 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 4.724 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 75 Resp: 21091
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
39 58.7 41.8 62.6

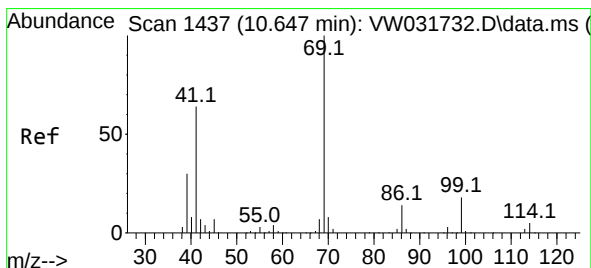
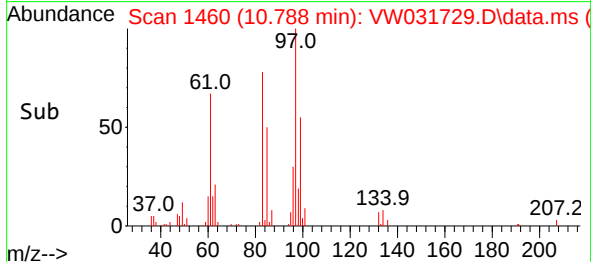
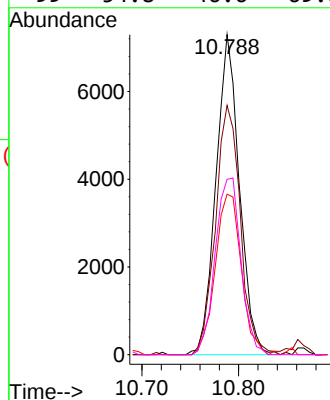
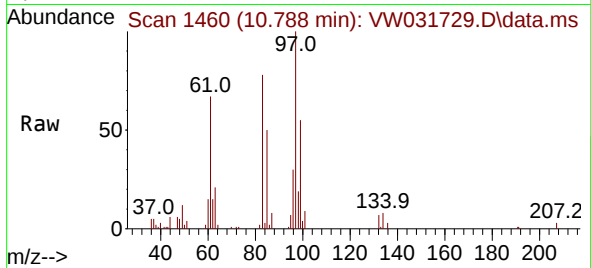




#55
1,1,2-Trichloroethane
Concen: 5.239 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

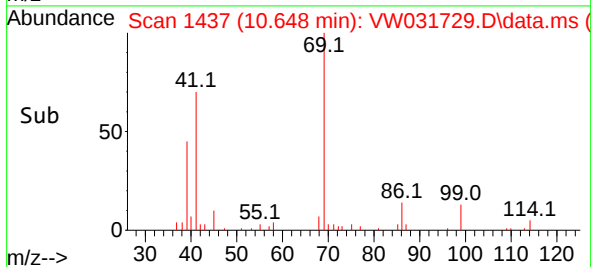
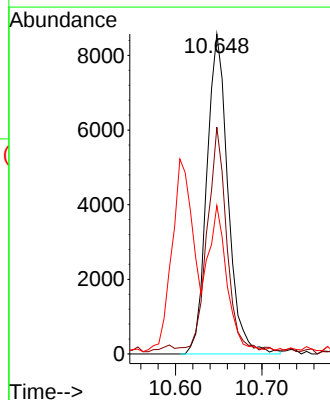
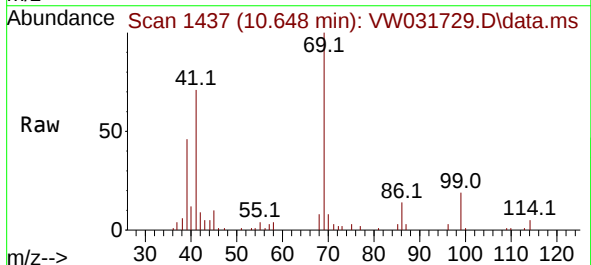
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

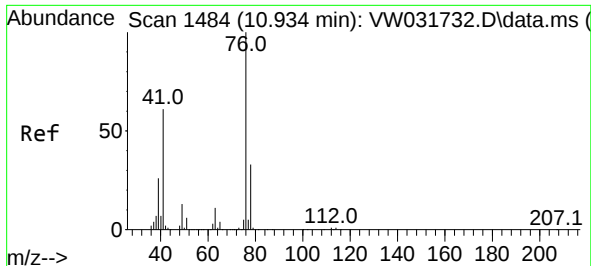
Tgt Ion:	97	Resp:	12285
Ion	Ratio	Lower	Upper
97	100		
83	77.9	66.9	100.3
85	50.2	41.1	61.7
99	54.8	46.6	69.8



#56
Ethyl methacrylate
Concen: 4.584 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:	69	Resp:	14584
Ion	Ratio	Lower	Upper
69	100		
41	63.9	53.3	79.9
39	39.3	30.2	45.2

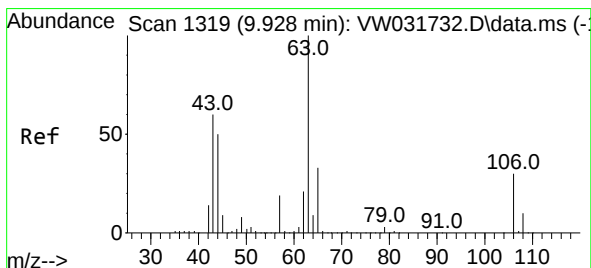
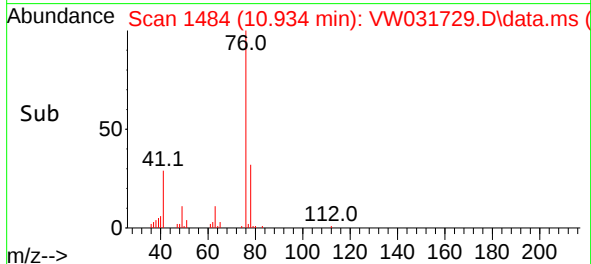
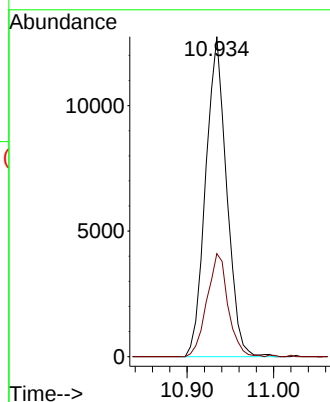
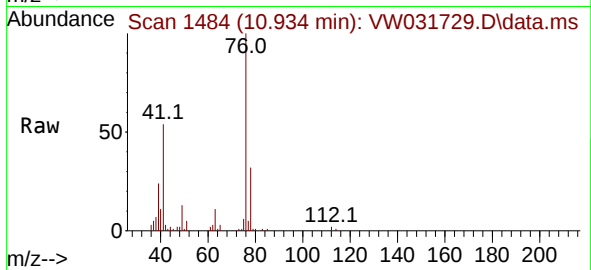




#57
1,3-Dichloropropane
Concen: 5.206 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

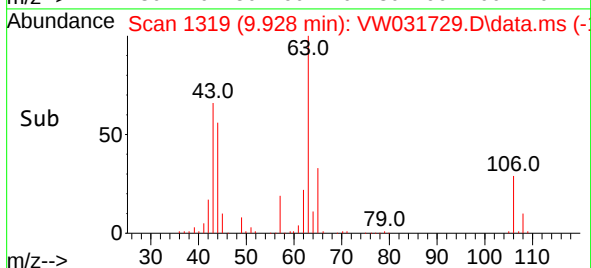
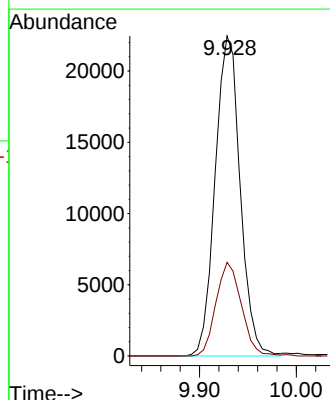
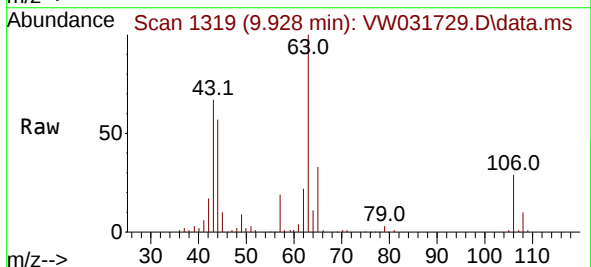
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

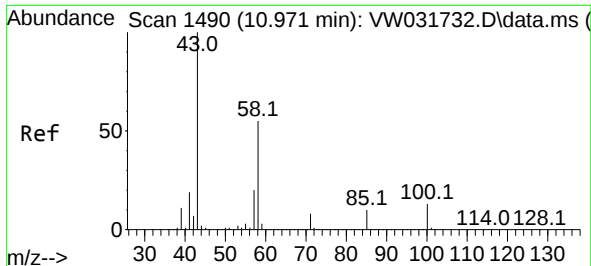
Tgt Ion: 76 Resp: 21432
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 22.989 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 63 Resp: 40271
Ion Ratio Lower Upper
63 100
106 29.7 24.1 36.1





#59

2-Hexanone

Concen: 23.125 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

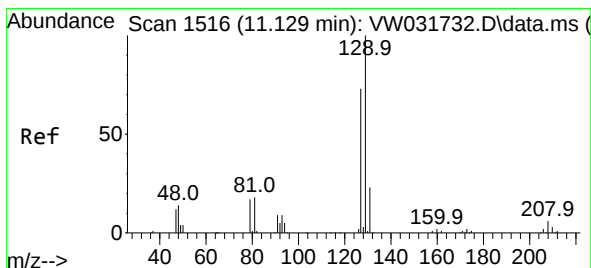
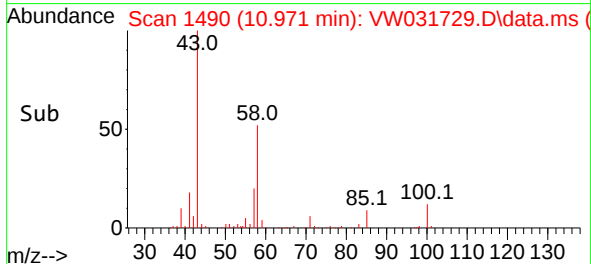
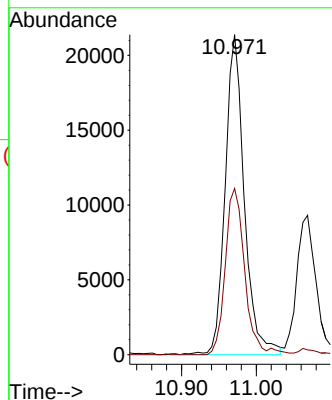
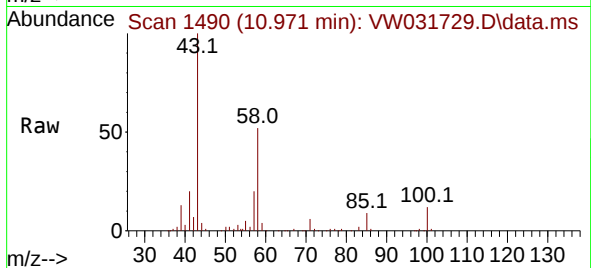
VSTDIC005

Tgt Ion: 43 Resp: 37987

Ion Ratio Lower Upper

43 100

58 53.1 27.9 83.6



#60

Dibromochloromethane

Concen: 4.817 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031729.D

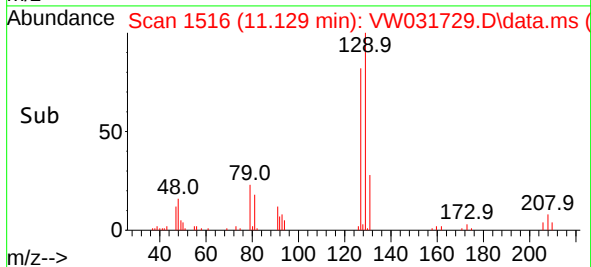
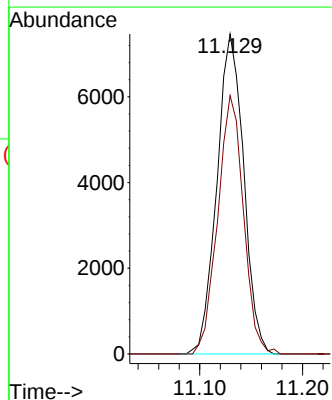
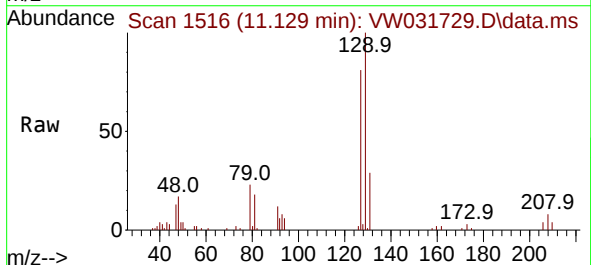
Acq: 30 Jun 2025 09:54

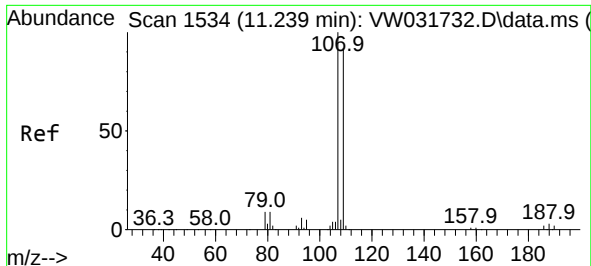
Tgt Ion: 129 Resp: 13506

Ion Ratio Lower Upper

129 100

127 77.6 38.0 114.1

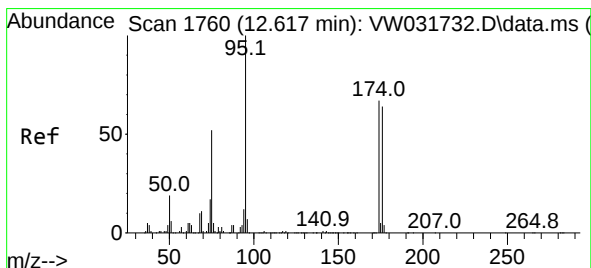
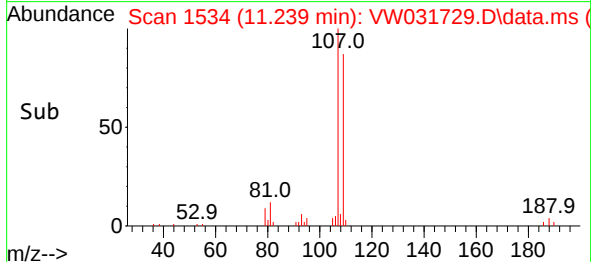
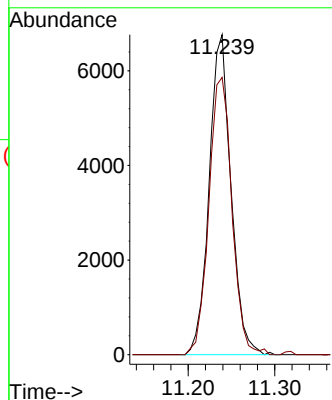
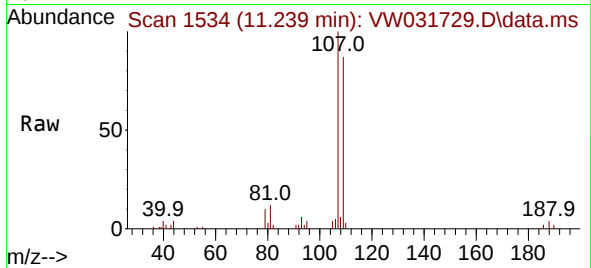




#61
1,2-Dibromoethane
Concen: 5.046 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

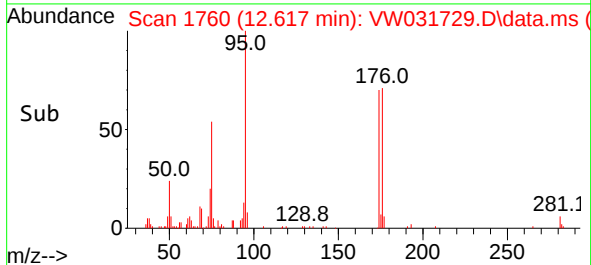
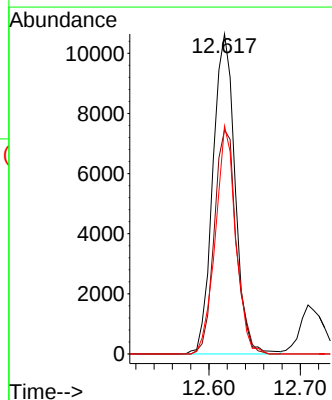
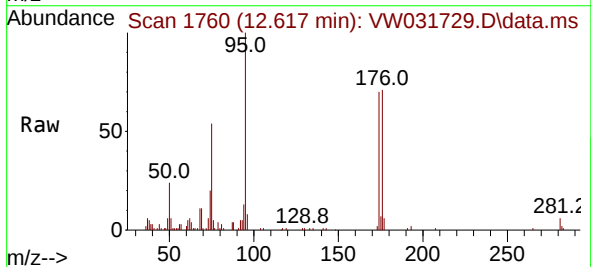
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

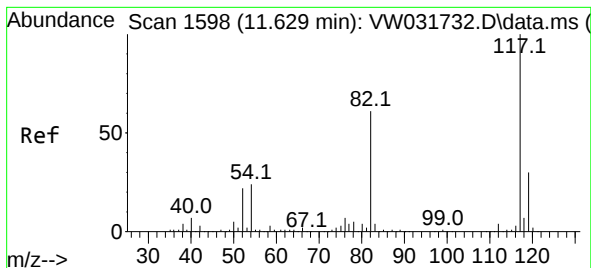
Tgt Ion:107 Resp: 11844
Ion Ratio Lower Upper
107 100
109 91.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 4.884 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 95 Resp: 17925
Ion Ratio Lower Upper
95 100
174 69.2 0.0 133.8
176 65.4 0.0 126.0

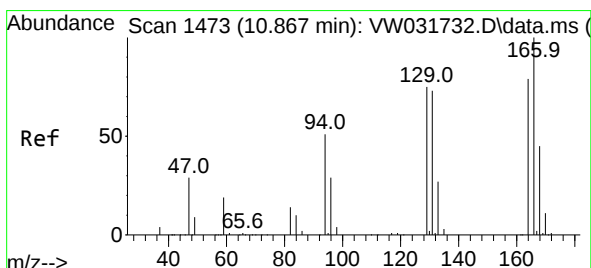
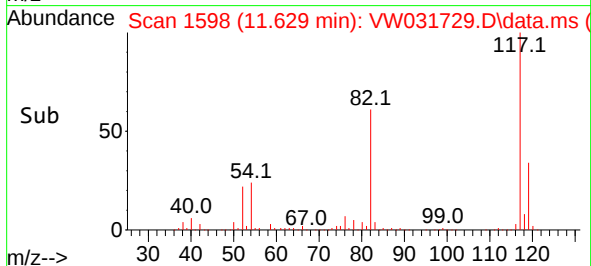
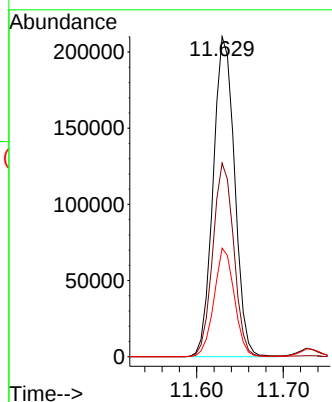
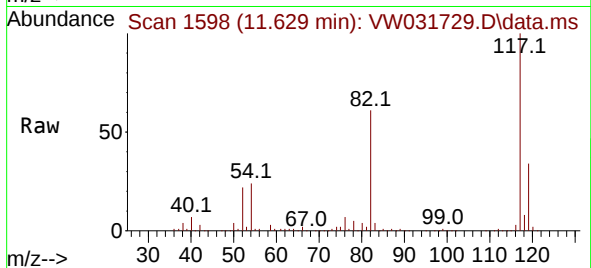




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

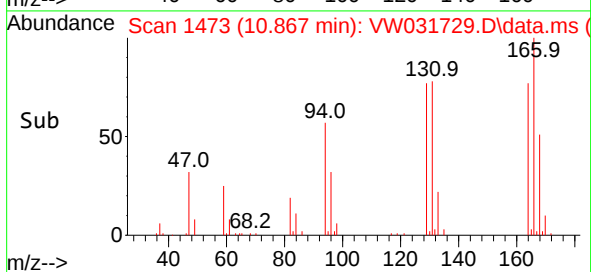
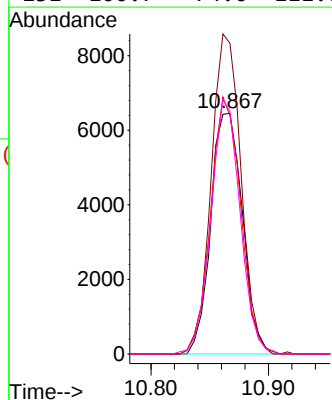
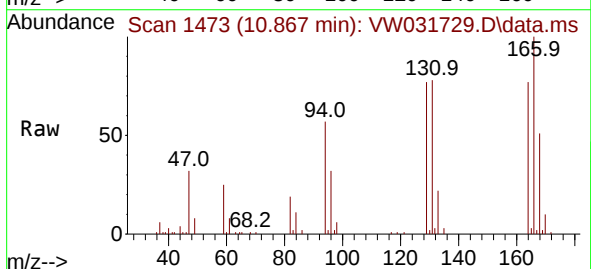
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

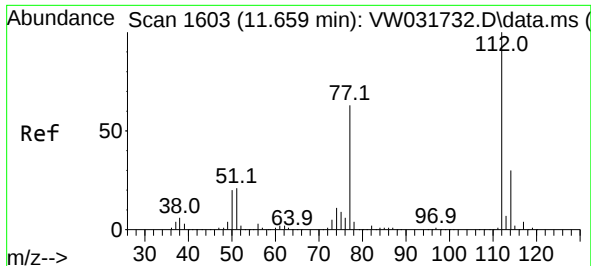
Tgt Ion:117 Resp: 361730
Ion Ratio Lower Upper
117 100
82 60.5 48.6 72.8
119 33.9 23.9 35.9



#64
Tetrachloroethene
Concen: 5.068 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:164 Resp: 11991
Ion Ratio Lower Upper
164 100
166 129.1 100.7 151.1
129 98.9 75.4 113.0
131 100.7 74.0 111.0

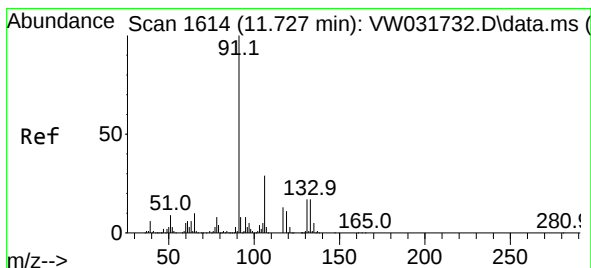
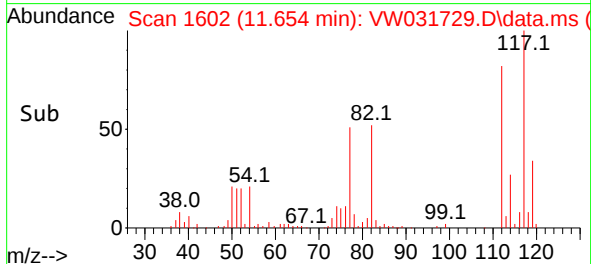
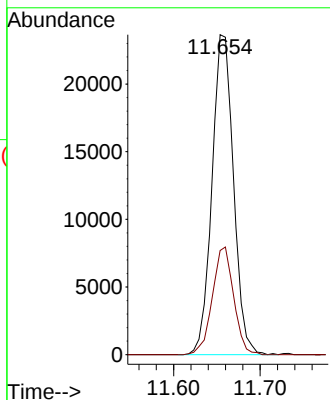
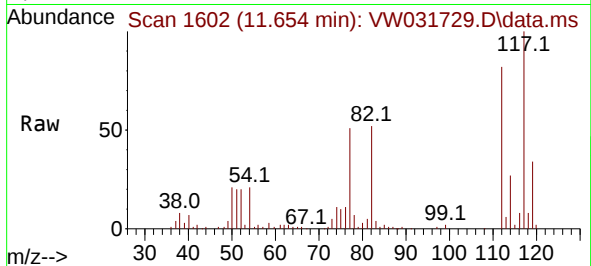




#65
Chlorobenzene
Concen: 5.114 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

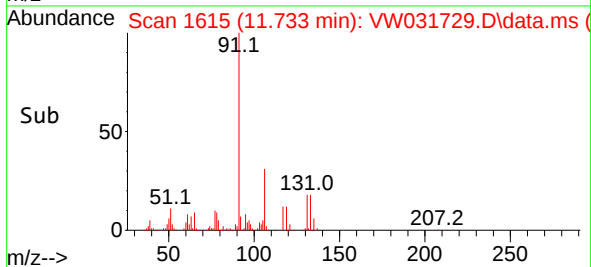
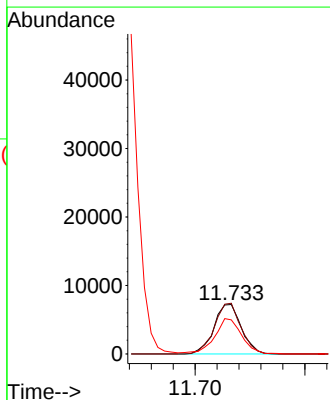
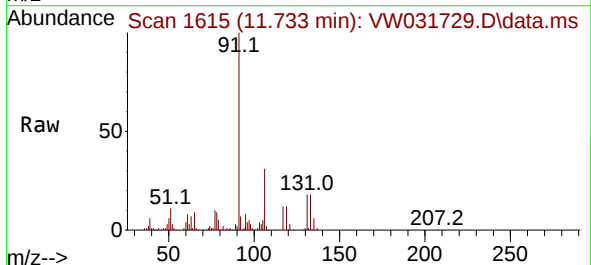
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

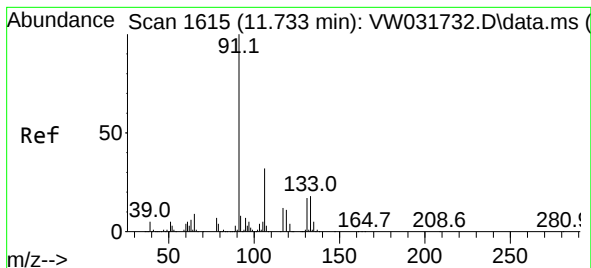
Tgt Ion:112 Resp: 40816
Ion Ratio Lower Upper
112 100
114 32.5 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.935 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:131 Resp: 12551
Ion Ratio Lower Upper
131 100
133 99.1 48.5 145.6
119 70.6 32.5 97.5

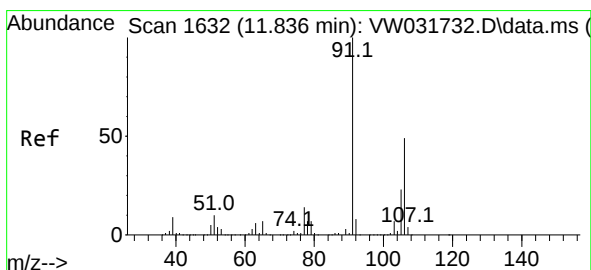
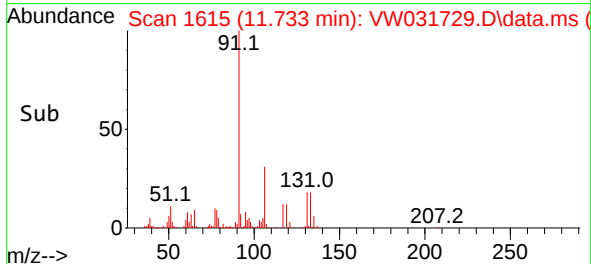
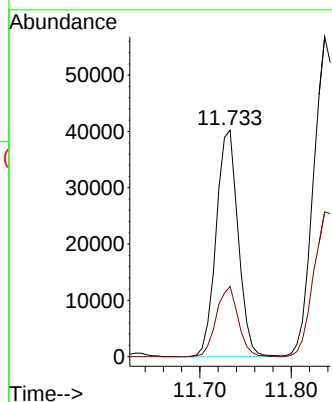
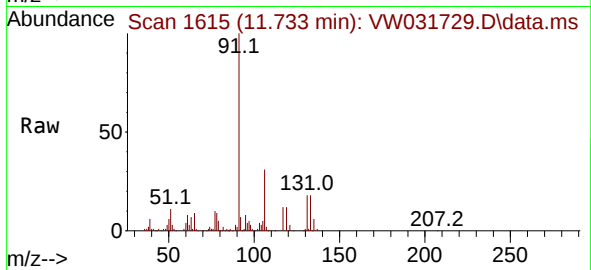




#67
Ethyl Benzene
Concen: 4.862 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

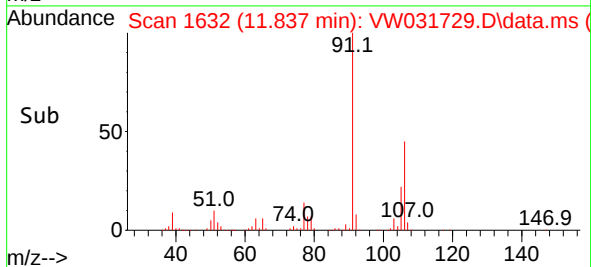
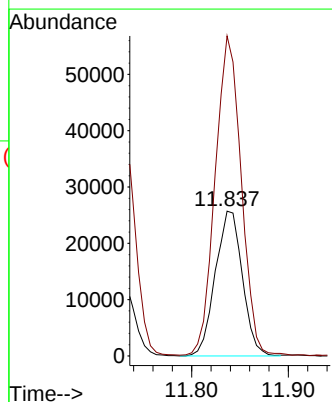
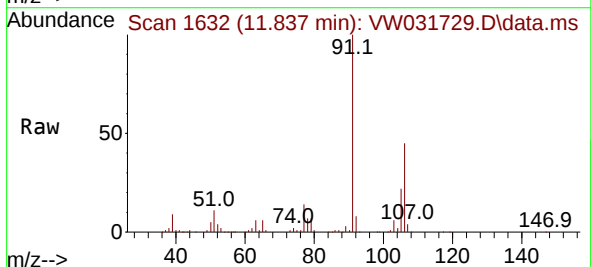
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

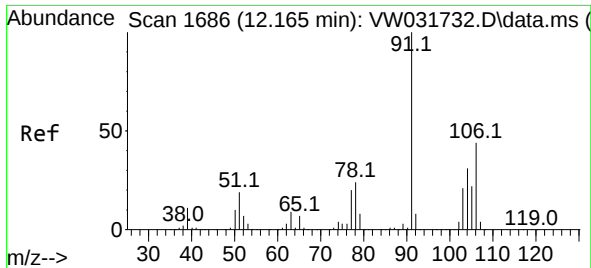
Tgt Ion: 91 Resp: 67293
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 9.378 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:106 Resp: 49892
Ion Ratio Lower Upper
106 100
91 212.8 166.4 249.6

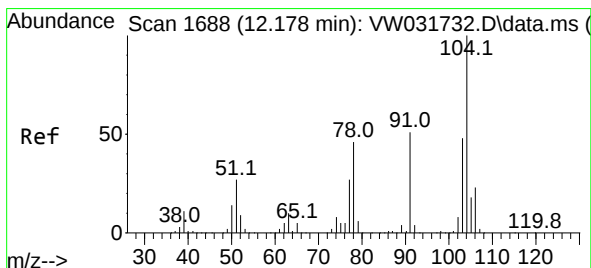
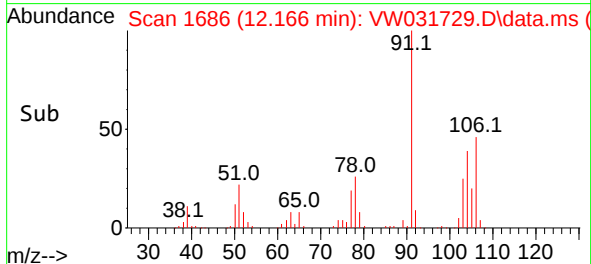
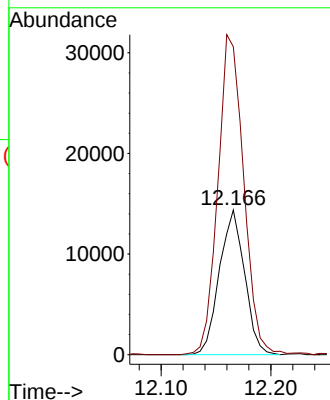
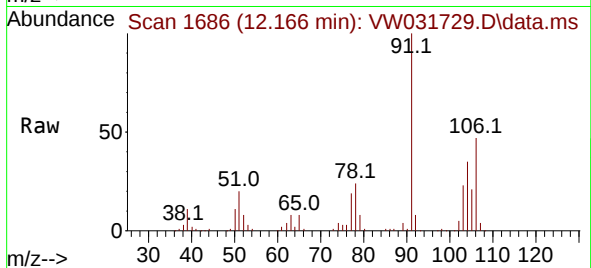




#69
o-Xylene
Concen: 4.668 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

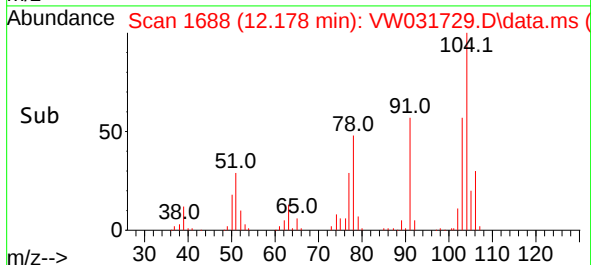
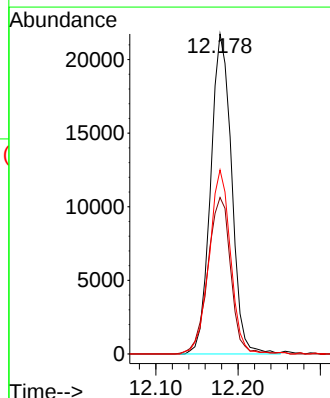
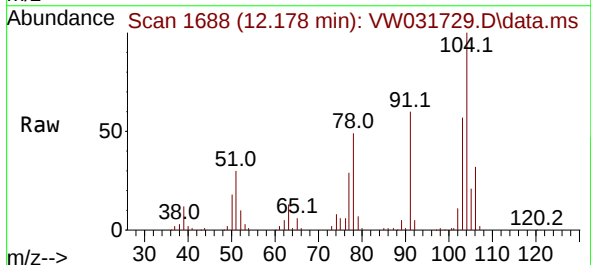
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

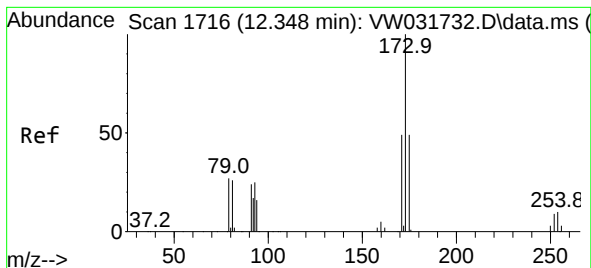
Tgt Ion:106 Resp: 22994
Ion Ratio Lower Upper
106 100
91 226.8 111.5 334.4



#70
Styrene
Concen: 4.530 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:104 Resp: 38573
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 58.7 43.0 64.6





#71

Bromoform

Concen: 4.688 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

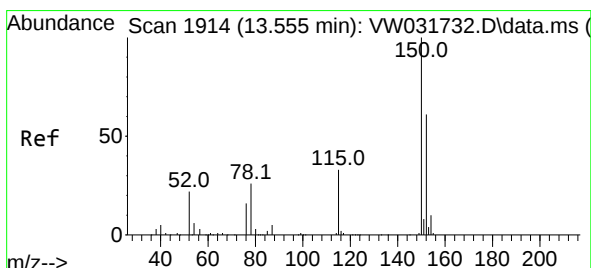
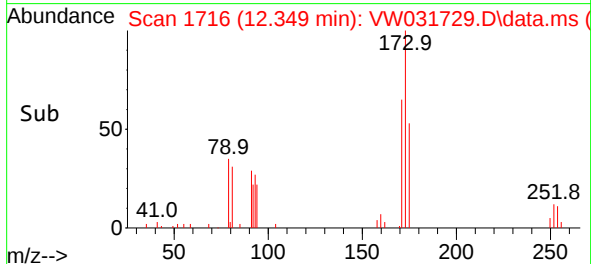
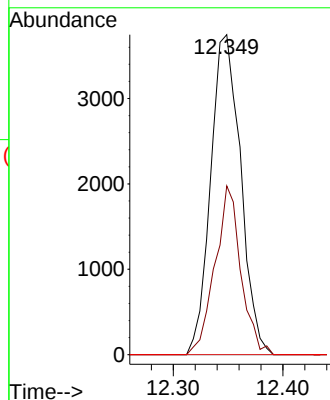
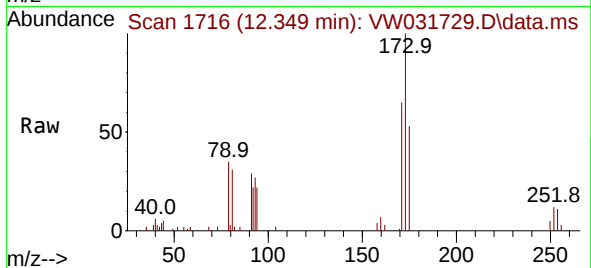
Tgt Ion:173 Resp: 7112

Ion Ratio Lower Upper

173 100

175 45.6 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

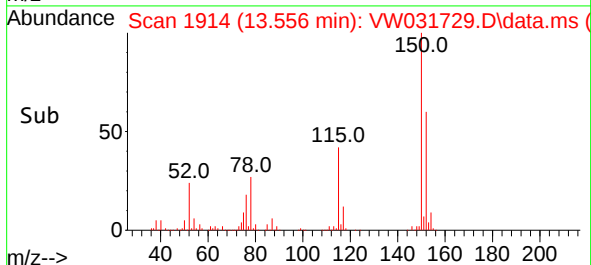
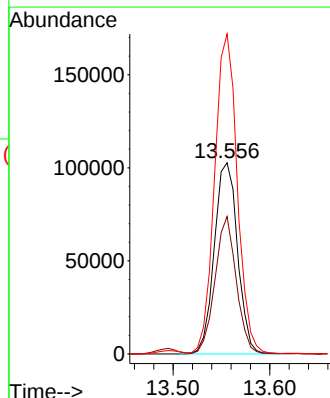
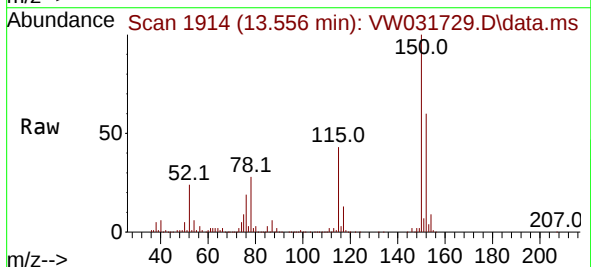
Tgt Ion:152 Resp: 171294

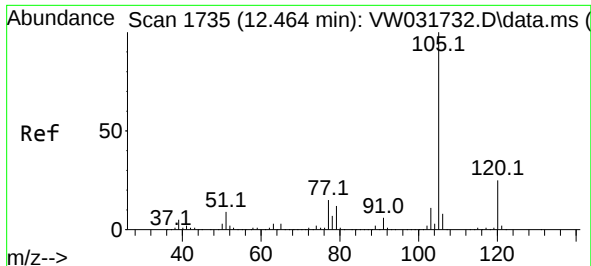
Ion Ratio Lower Upper

152 100

115 65.7 31.9 95.7

150 162.4 0.0 356.4

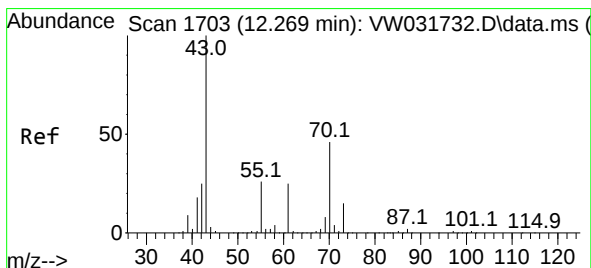
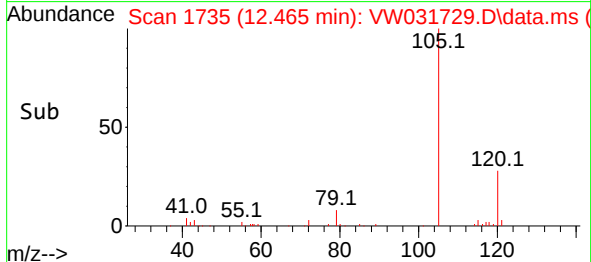
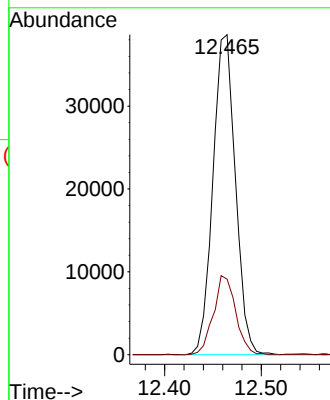
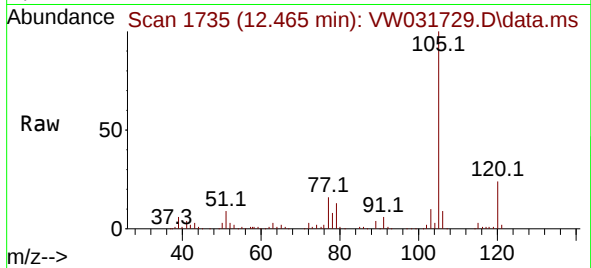




#73
Isopropylbenzene
Concen: 4.790 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

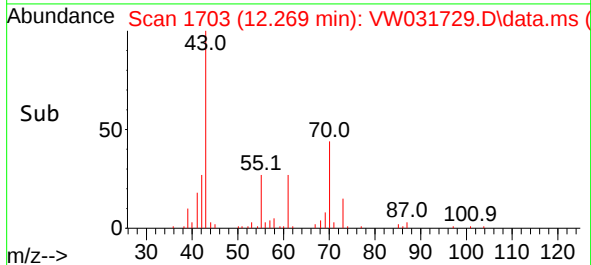
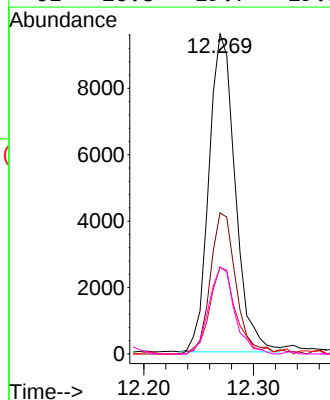
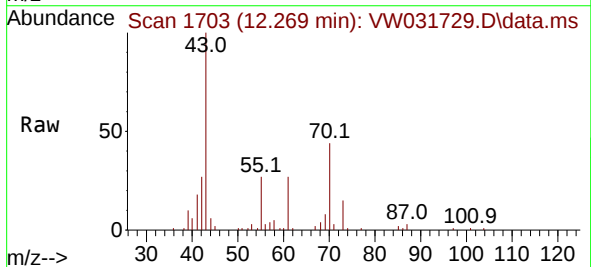
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

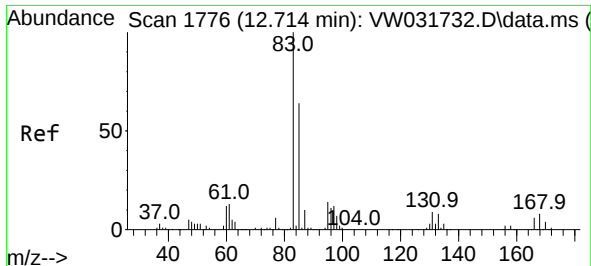
Tgt Ion:105 Resp: 62409
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.4



#74
N-ethyl acetate
Concen: 4.555 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 43 Resp: 15998
Ion Ratio Lower Upper
43 100
70 43.7 36.0 54.0
55 27.9 20.8 31.2
61 26.8 19.7 29.5

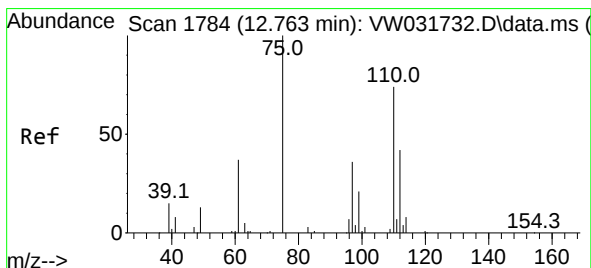
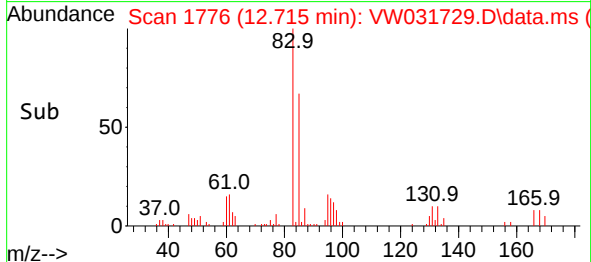
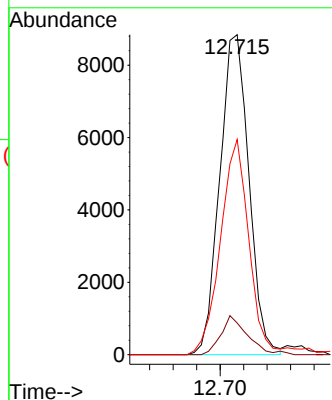
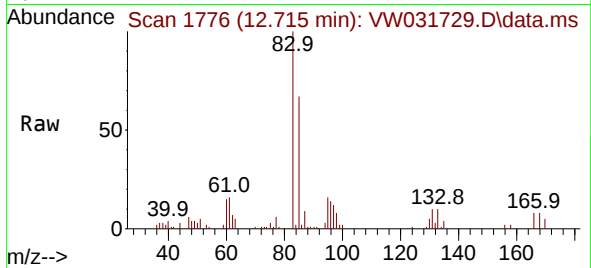




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.277 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

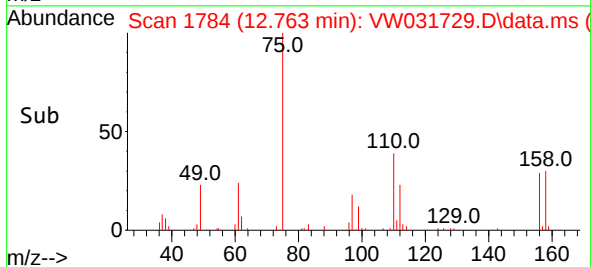
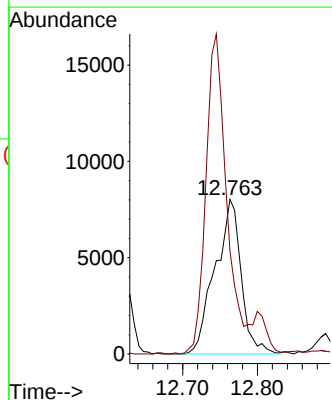
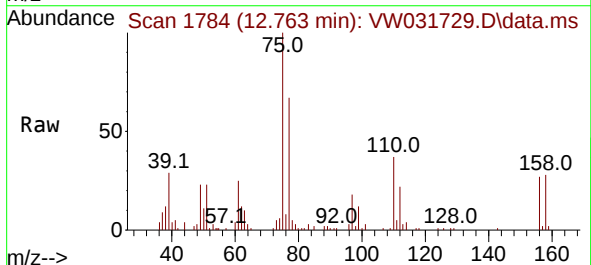
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

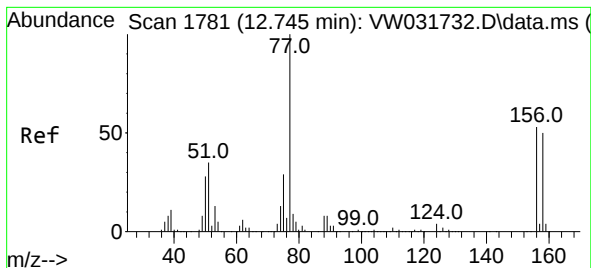
Tgt Ion: 83 Resp: 15264
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 16.1
 85 65.0 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 8.804 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031729.D
 Acq: 30 Jun 2025 09:54

Tgt Ion: 75 Resp: 19488
 Ion Ratio Lower Upper
 75 100
 77 167.2 141.2 423.6





#77

Bromobenzene

Concen: 5.207 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

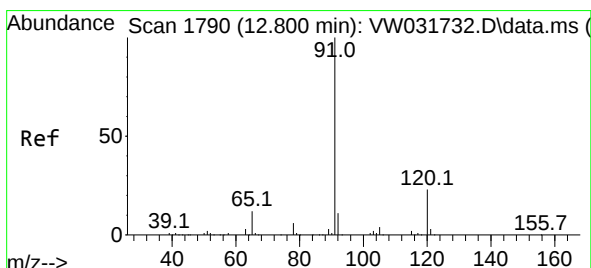
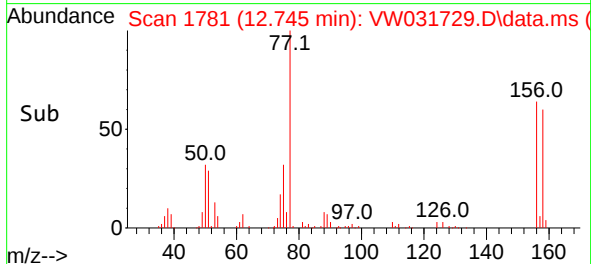
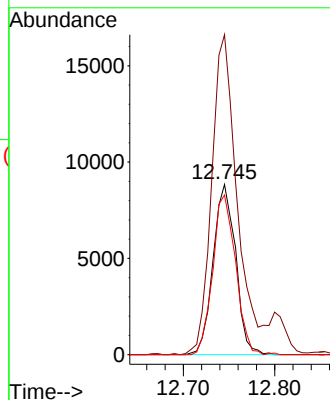
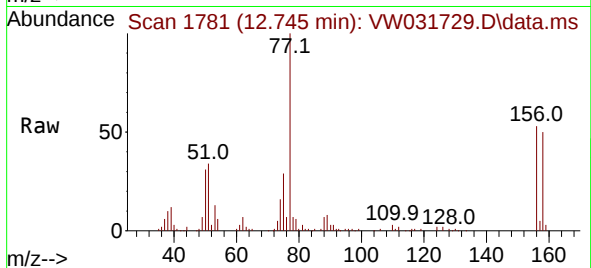
Tgt Ion:156 Resp: 15131

Ion Ratio Lower Upper

156 100

77 215.4 117.9 353.7

158 95.3 52.6 157.8



#78

n-propylbenzene

Concen: 4.797 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031729.D

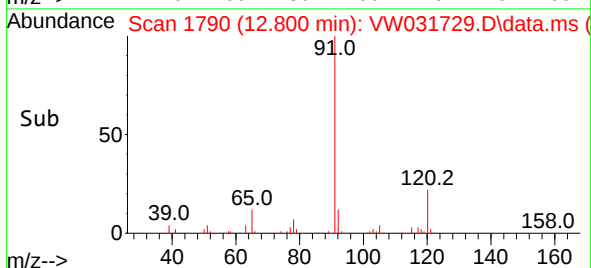
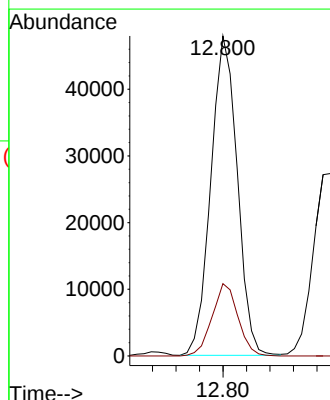
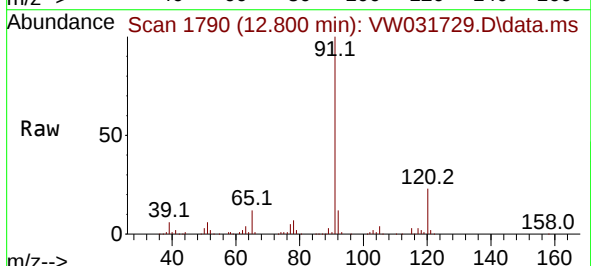
Acq: 30 Jun 2025 09:54

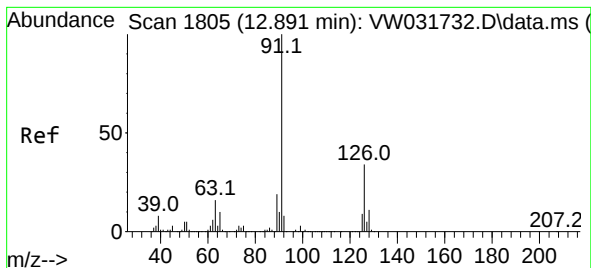
Tgt Ion: 91 Resp: 74850

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.954 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

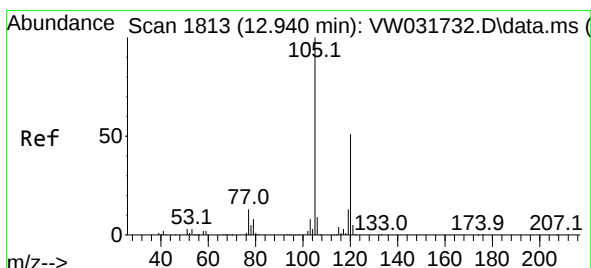
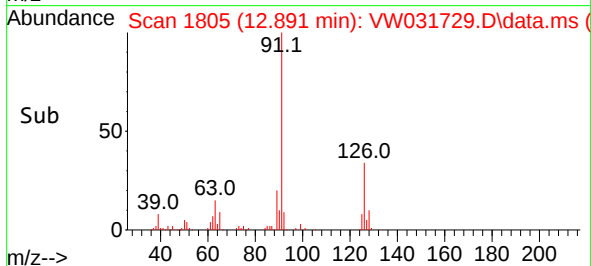
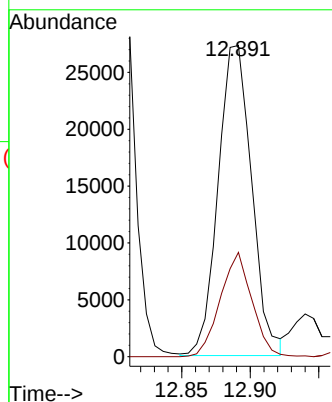
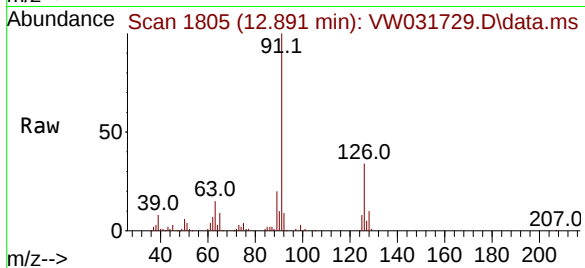
VSTDIC005

Tgt Ion: 91 Resp: 46542

Ion Ratio Lower Upper

91 100

126 31.7 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 4.680 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031729.D

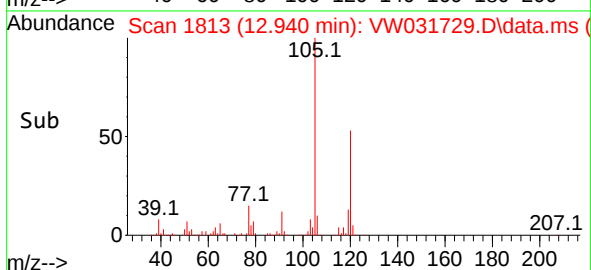
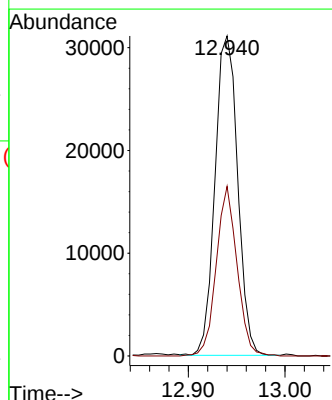
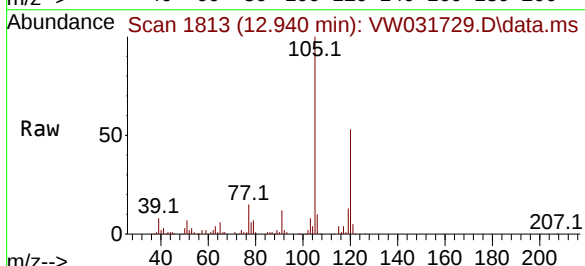
Acq: 30 Jun 2025 09:54

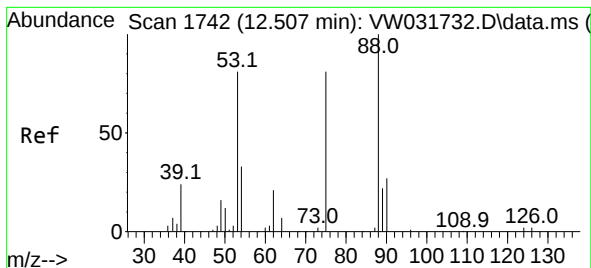
Tgt Ion: 105 Resp: 50477

Ion Ratio Lower Upper

105 100

120 48.9 23.8 71.2

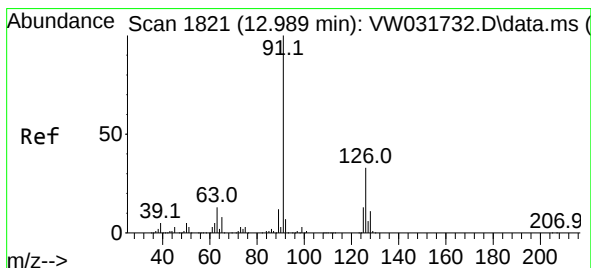
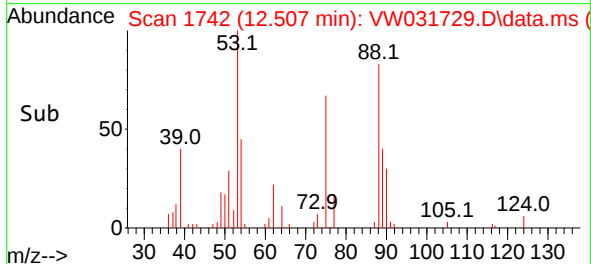
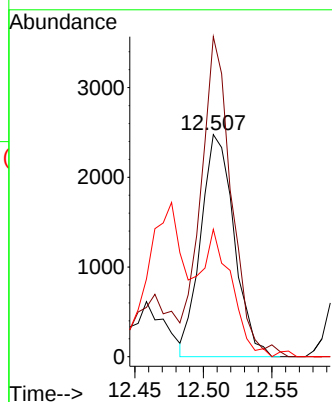
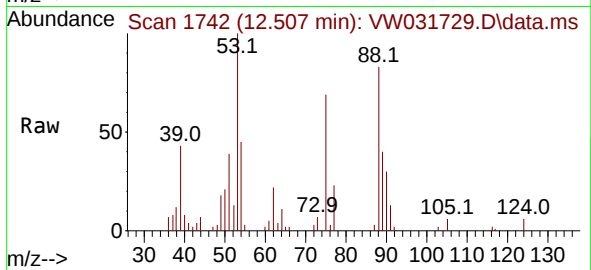




#81
trans-1,4-Dichloro-2-butene
Concen: 4.408 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

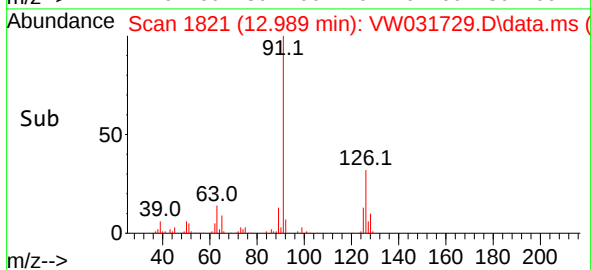
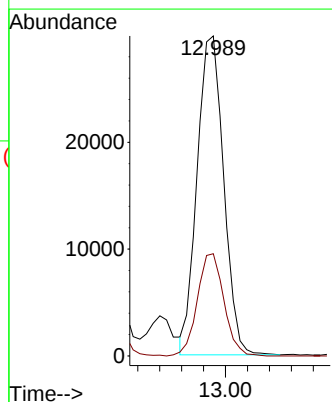
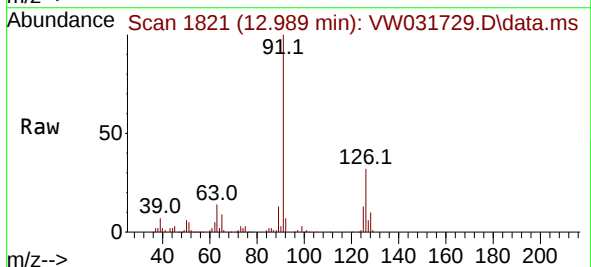
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

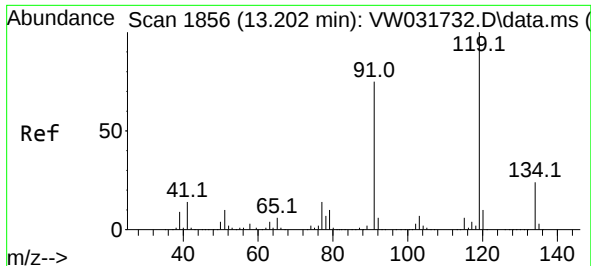
Tgt Ion: 75 Resp: 4189
Ion Ratio Lower Upper
75 100
53 132.0 83.5 125.3#
89 46.3 38.3 57.5



#82
4-Chlorotoluene
Concen: 5.098 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion: 91 Resp: 50283
Ion Ratio Lower Upper
91 100
126 32.1 16.0 47.9

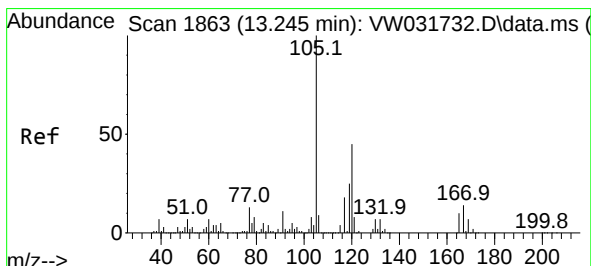
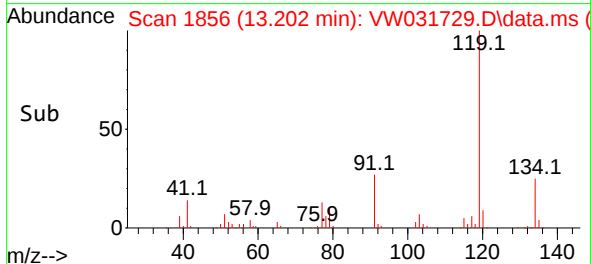
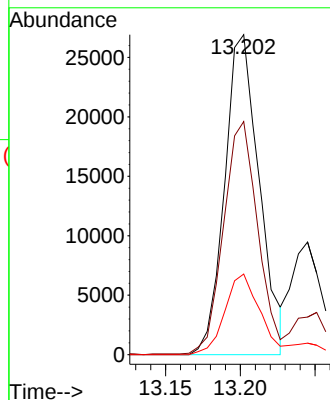
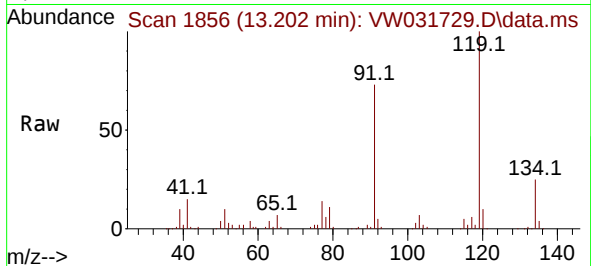




#83
tert-Butylbenzene
Concen: 4.694 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

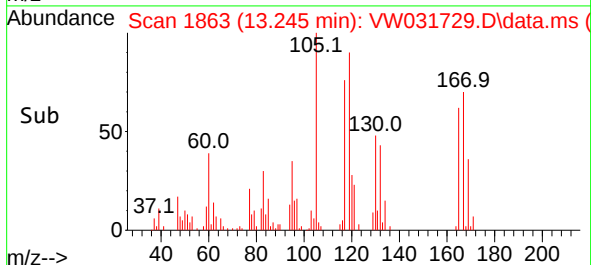
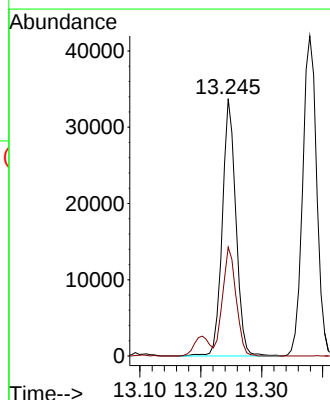
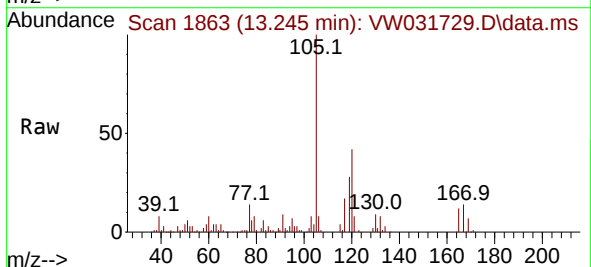
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

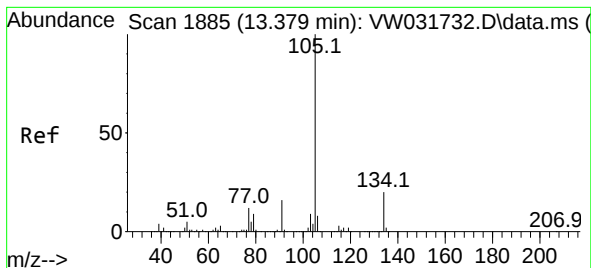
Tgt Ion:119 Resp: 43370
Ion Ratio Lower Upper
119 100
91 72.2 36.0 108.1
134 25.8 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 4.788 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:105 Resp: 52319
Ion Ratio Lower Upper
105 100
120 41.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 4.835 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

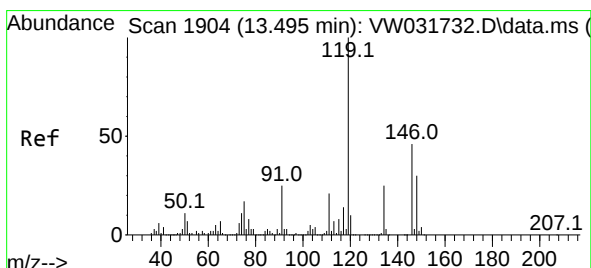
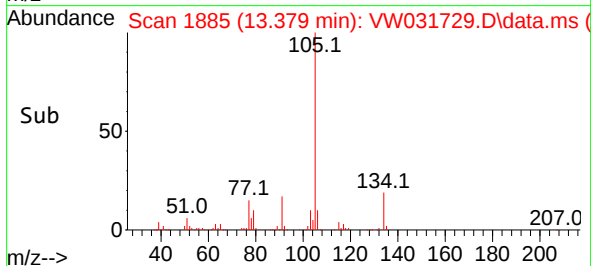
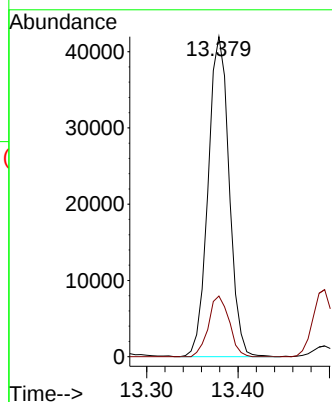
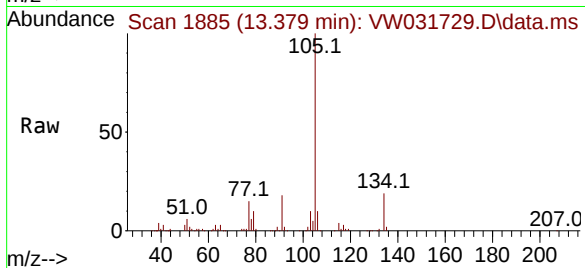
VSTDIC005

Tgt Ion:105 Resp: 67046

Ion Ratio Lower Upper

105 100

134 18.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 4.681 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

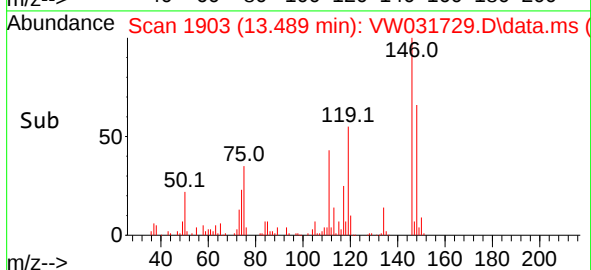
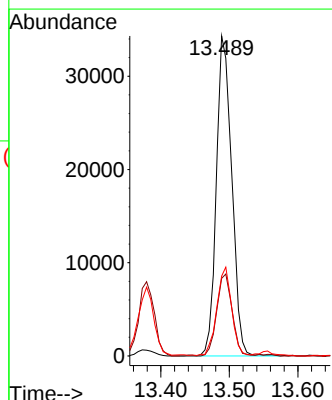
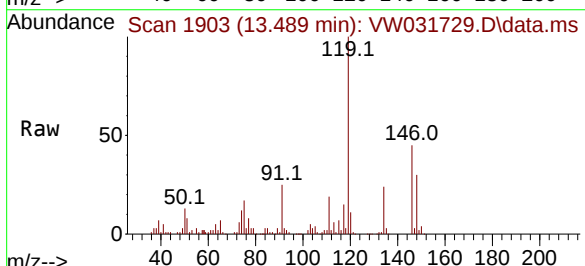
Tgt Ion:119 Resp: 53492

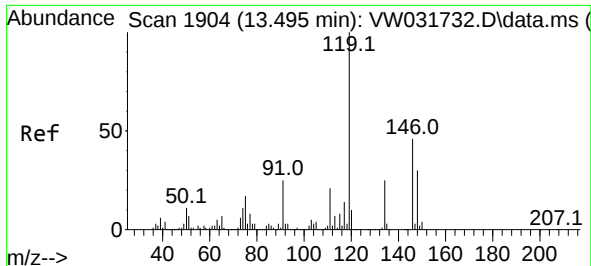
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 26.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 5.206 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

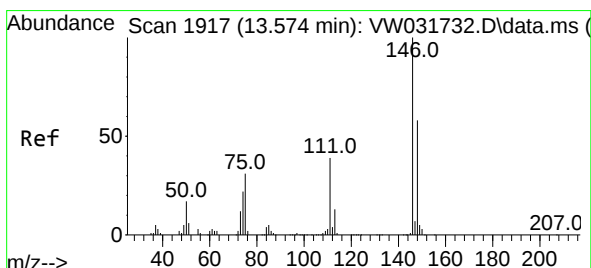
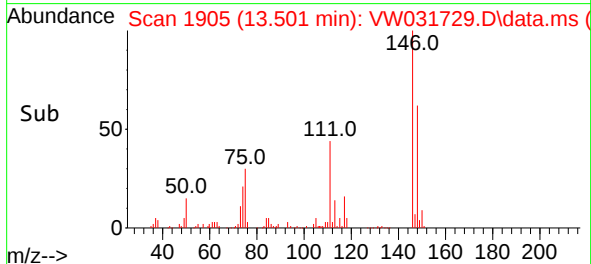
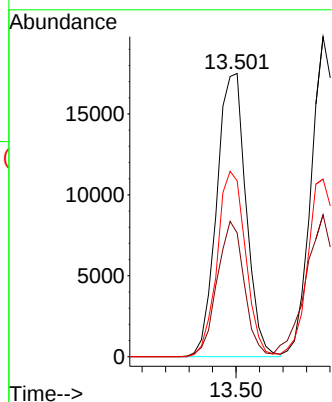
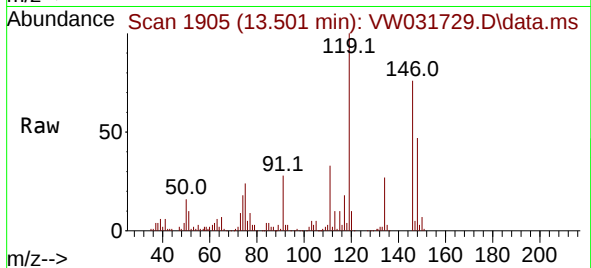
Tgt Ion:146 Resp: 30342

Ion Ratio Lower Upper

146 100

111 44.3 22.3 66.9

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.211 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

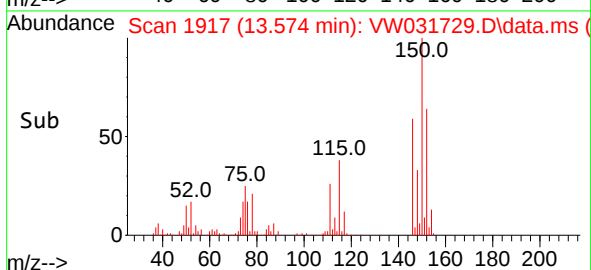
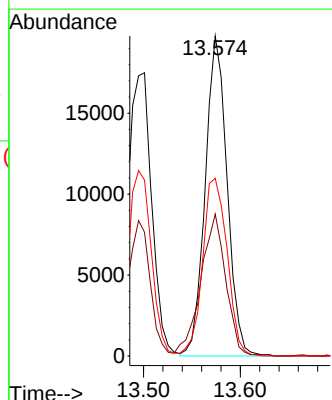
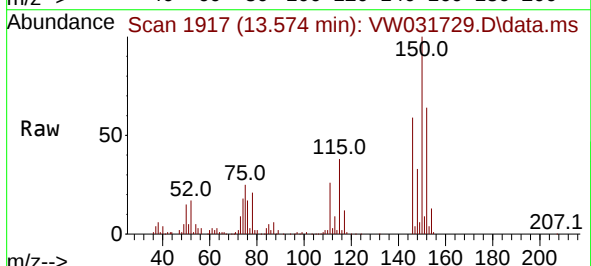
Tgt Ion:146 Resp: 31083

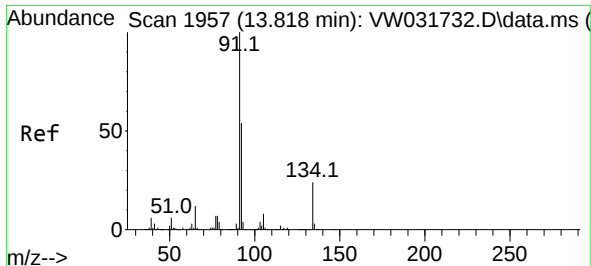
Ion Ratio Lower Upper

146 100

111 50.9 20.4 61.3

148 62.2 30.2 90.6

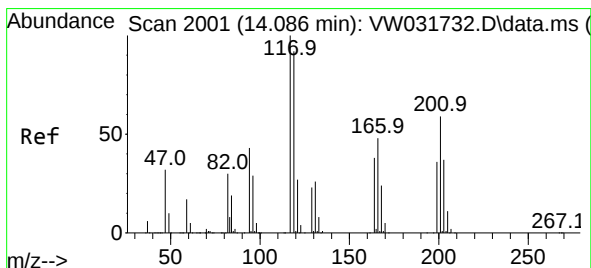
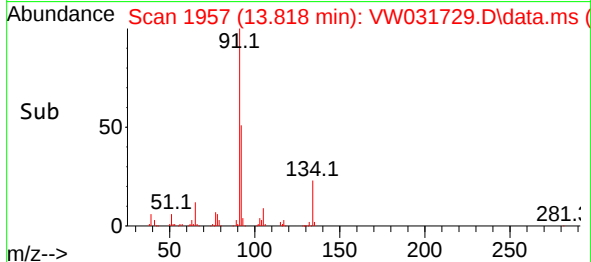
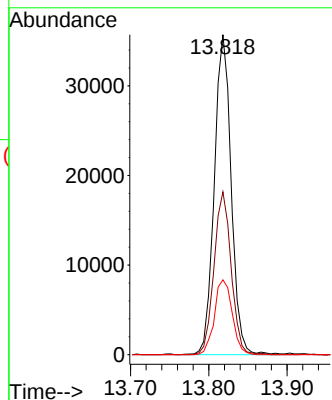
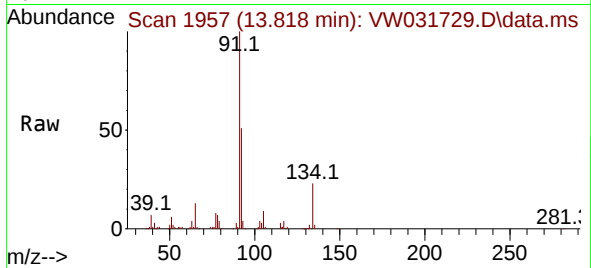




#89
n-Butylbenzene
Concen: 4.823 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

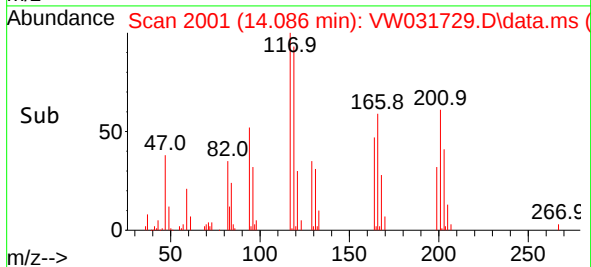
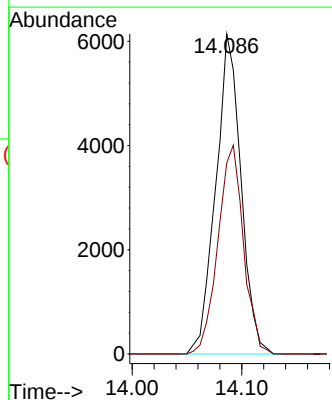
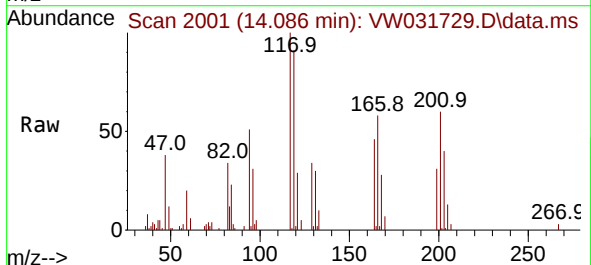
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

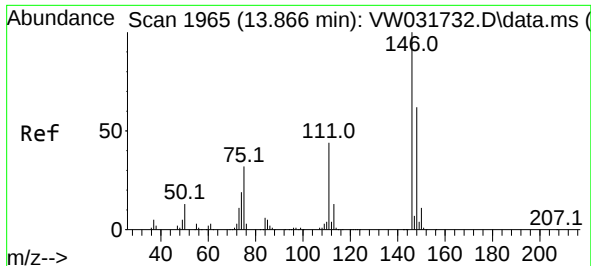
Tgt Ion:	91	Resp:	53555
Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.2	81.5
134	24.6	12.2	36.6



#90
Hexachloroethane
Concen: 4.761 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:	117	Resp:	9816
Ion	Ratio	Lower	Upper
117	100		
201	66.0	31.1	93.3





#91

1,2-Dichlorobenzene

Concen: 5.143 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

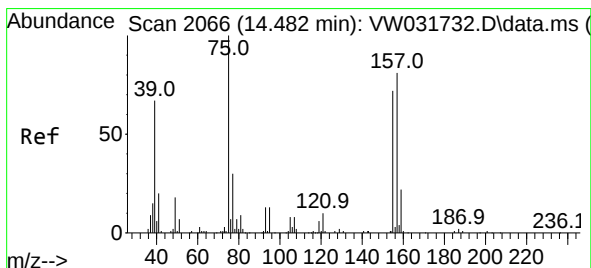
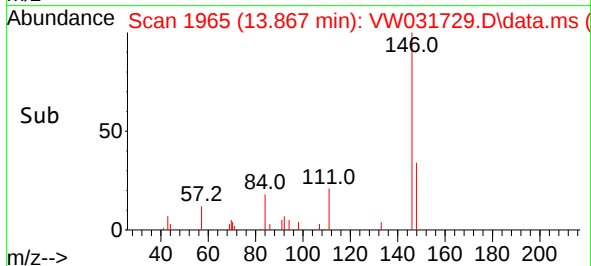
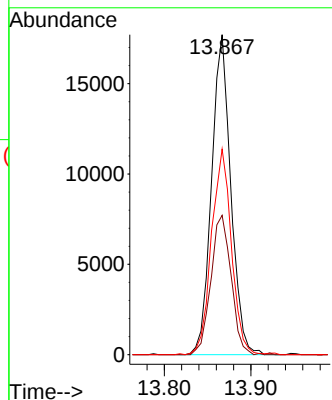
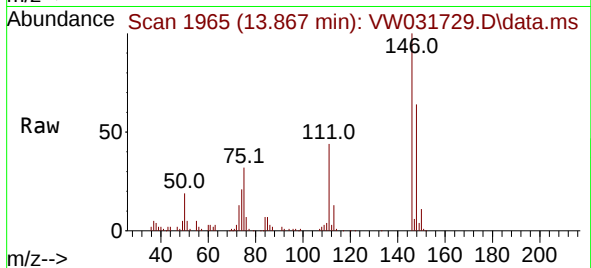
Tgt Ion:146 Resp: 27395

Ion Ratio Lower Upper

146 100

111 45.7 21.7 65.1

148 66.4 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.138 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

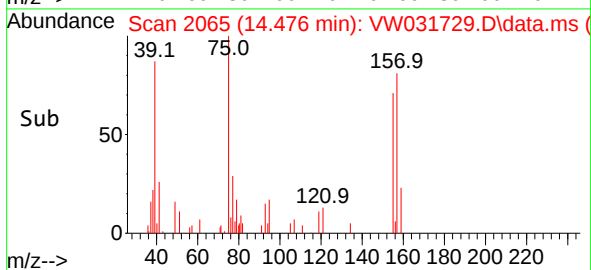
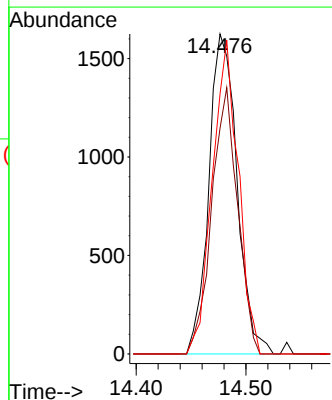
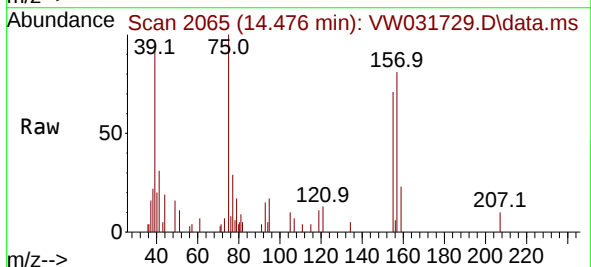
Tgt Ion: 75 Resp: 2902

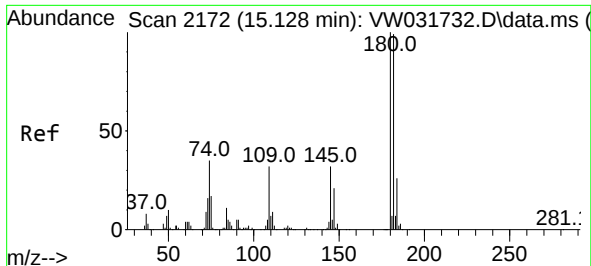
Ion Ratio Lower Upper

75 100

155 76.8 37.2 111.6

157 90.5 45.6 136.9

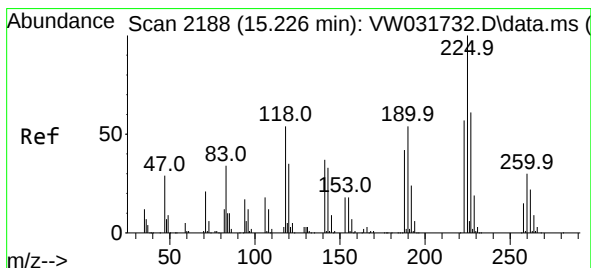
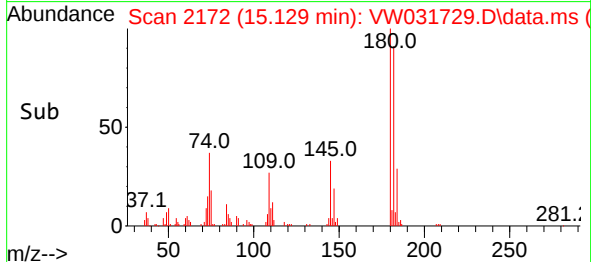
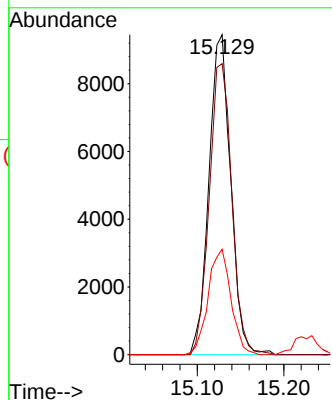
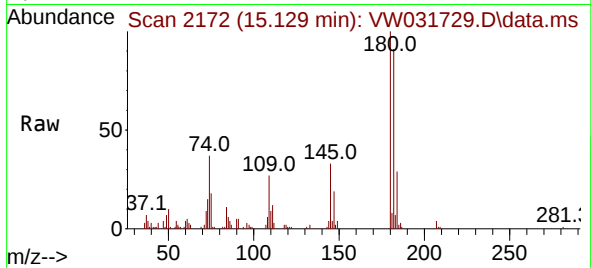




#93
1,2,4-Trichlorobenzene
Concen: 5.030 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

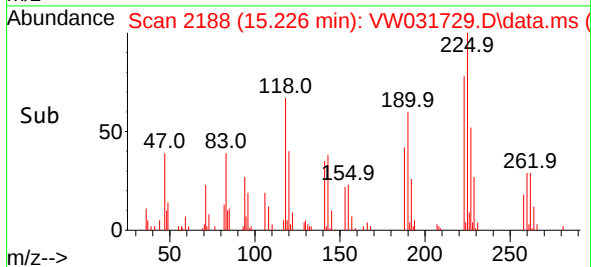
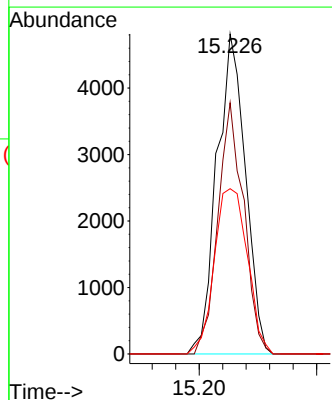
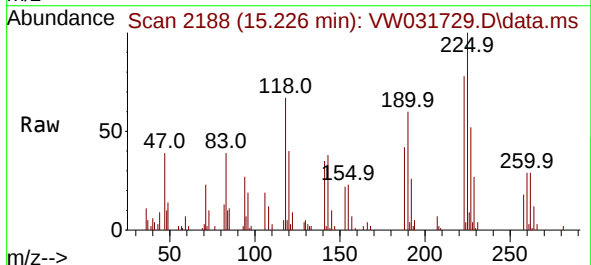
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

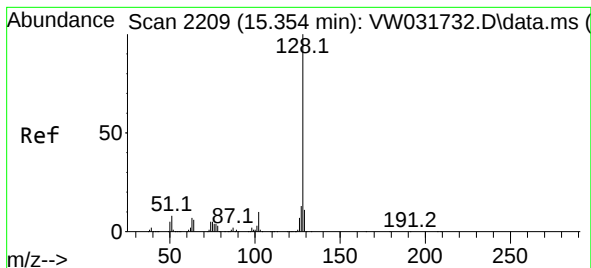
Tgt Ion:180 Resp: 16524
Ion Ratio Lower Upper
180 100
182 93.8 48.6 145.9
145 34.5 17.3 51.7



#94
Hexachlorobutadiene
Concen: 5.120 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031729.D
Acq: 30 Jun 2025 09:54

Tgt Ion:225 Resp: 8122
Ion Ratio Lower Upper
225 100
223 70.6 32.6 97.8
227 59.9 37.3 111.8





#95

Naphthalene

Concen: 4.647 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

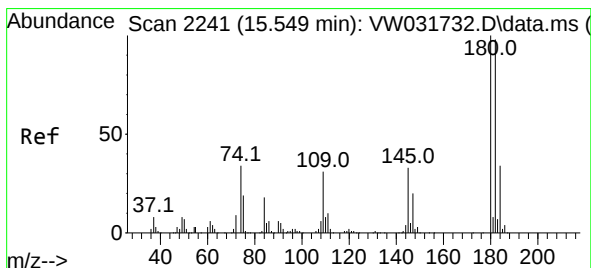
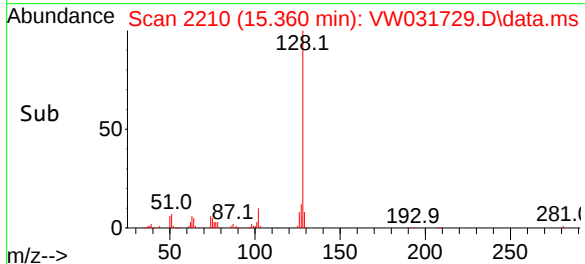
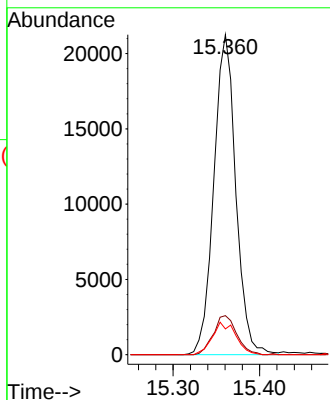
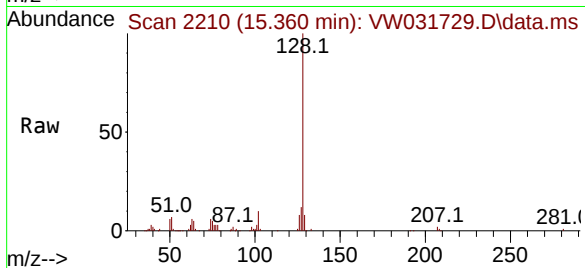
Tgt Ion:128 Resp: 37422

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.895 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031729.D

Acq: 30 Jun 2025 09:54

Tgt Ion:180 Resp: 14775

Ion Ratio Lower Upper

180 100

182 96.2 46.4 139.1

145 37.3 17.8 53.3

