

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031942.D
 Acq On : 28 Jul 2025 13:38
 Operator : SY/MD
 Sample : VW0728SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Quant Time: Jul 29 01:19:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	195959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	349131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	315776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	150028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157365	53.086	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.180%	
35) Dibromofluoromethane	7.898	113	133573	56.303	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 112.600%	
50) Toluene-d8	10.325	98	511900	57.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 114.020%	
62) 4-Bromofluorobenzene	12.617	95	193265	56.057	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 112.120%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	31629	21.717	ug/l 90
3) Chloromethane	2.253	50	42172	22.560	ug/l 96
4) Vinyl Chloride	2.405	62	55888	23.015	ug/l 99
5) Bromomethane	2.820	94	39132	21.884	ug/l 99
6) Chloroethane	2.966	64	35786	22.329	ug/l 99
7) Trichlorofluoromethane	3.302	101	47286	19.226	ug/l 99
8) Diethyl Ether	3.716	74	34334	20.898	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.100	101	54899	23.207	ug/l 98
10) Methyl Iodide	4.301	142	76396	21.599	ug/l 100
11) Tert butyl alcohol	5.216	59	19667	112.867	ug/l 99
12) 1,1-Dichloroethene	4.076	96	59766	22.873	ug/l 97
13) Acrolein	3.923	56	22604	86.856	ug/l 96
14) Allyl chloride	4.698	41	87680	21.556	ug/l 100
15) Acrylonitrile	5.399	53	79011	107.570	ug/l 99
16) Acetone	4.155	43	96708	137.481	ug/l 99
17) Carbon Disulfide	4.417	76	147848	21.817	ug/l 99
18) Methyl Acetate	4.704	43	41542	21.436	ug/l 97
19) Methyl tert-butyl Ether	5.454	73	101131	22.400	ug/l 99
20) Methylene Chloride	4.954	84	68737	20.060	ug/l 98
21) trans-1,2-Dichloroethene	5.460	96	61871	22.317	ug/l 96
22) Diisopropyl ether	6.338	45	178244	21.899	ug/l 97
23) Vinyl Acetate	6.283	43	586006	110.204	ug/l 98
24) 1,1-Dichloroethane	6.240	63	113129	22.324	ug/l 99
25) 2-Butanone	7.191	43	117457	122.040	ug/l 96
26) 2,2-Dichloropropane	7.185	77	63044	21.975	ug/l 99
27) cis-1,2-Dichloroethene	7.185	96	72441	22.226	ug/l 99
28) Bromochloromethane	7.526	49	40775	19.217	ug/l 99
29) Tetrahydrofuran	7.551	42	69293	109.813	ug/l 100
30) Chloroform	7.685	83	120817	22.738	ug/l 97
31) Cyclohexane	7.965	56	105188	23.137	ug/l 96
32) 1,1,1-Trichloroethane	7.886	97	91700	22.680	ug/l 98
36) 1,1-Dichloropropene	8.093	75	86752	23.811	ug/l 100
37) Ethyl Acetate	7.270	43	47665	22.934	ug/l 99
38) Carbon Tetrachloride	8.081	117	83357	23.840	ug/l 93
39) Methylcyclohexane	9.343	83	109794	23.946	ug/l 99
40) Benzene	8.337	78	257449	23.871	ug/l 99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	29409	23.638	ug/l	97
42) 1,2-Dichloroethane	8.410	62	79417	23.008	ug/l	100
43) Isopropyl Acetate	8.435	43	83760	22.262	ug/l	99
44) Trichloroethene	9.099	130	59554	23.231	ug/l	84
45) 1,2-Dichloropropane	9.374	63	60445	23.271	ug/l	97
46) Dibromomethane	9.465	93	36955	22.952	ug/l	98
47) Bromodichloromethane	9.648	83	89753	23.247	ug/l	98
48) Methyl methacrylate	9.441	41	40967	22.886	ug/l	97
49) 1,4-Dioxane	9.465	88	7520	468.068	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	238418	115.786	ug/l	99
52) Toluene	10.392	92	166357	23.995	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	83057	22.426	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	97873	23.141	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	51001	23.846	ug/l	96
56) Ethyl methacrylate	10.648	69	67624	22.388	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89302	23.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	178048	114.758	ug/l	98
59) 2-Hexanone	10.971	43	171654	119.929	ug/l	98
60) Dibromochloromethane	11.129	129	57715	23.145	ug/l	98
61) 1,2-Dibromoethane	11.233	107	48136	22.777	ug/l	99
64) Tetrachloroethene	10.867	164	48176	23.140	ug/l	87
65) Chlorobenzene	11.660	112	177961	23.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	56409	23.544	ug/l	94
67) Ethyl Benzene	11.727	91	314355	23.150	ug/l	98
68) m/p-Xylenes	11.837	106	238776	46.710	ug/l	99
69) o-Xylene	12.166	106	114191	23.604	ug/l	97
70) Styrene	12.178	104	195923	23.787	ug/l	99
71) Bromoform	12.343	173	29160	22.254	ug/l #	99
73) Isopropylbenzene	12.465	105	303708	23.331	ug/l	99
74) N-amyl acetate	12.270	43	77118	21.914	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	60575	21.923	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	78039	37.675	ug/l #	100
77) Bromobenzene	12.745	156	65393	23.218	ug/l	93
78) n-propylbenzene	12.800	91	366631	22.932	ug/l	100
79) 2-Chlorotoluene	12.891	91	219987	23.046	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	251694	23.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	18608	20.740	ug/l	93
82) 4-Chlorotoluene	12.983	91	228407	22.808	ug/l	99
83) tert-Butylbenzene	13.202	119	212189	22.817	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	246634	22.319	ug/l	97
85) sec-Butylbenzene	13.379	105	312345	22.365	ug/l	98
86) p-Isopropyltoluene	13.495	119	271557	23.525	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	132513	22.602	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	132413	23.055	ug/l	99
89) n-Butylbenzene	13.818	91	255649	22.576	ug/l	98
90) Hexachloroethane	14.092	117	43661	21.874	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	116060	22.337	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11004	22.043	ug/l	92
93) 1,2,4-Trichlorobenzene	15.123	180	69673	22.235	ug/l	92
94) Hexachlorobutadiene	15.226	225	34371	23.148	ug/l	97
95) Naphthalene	15.360	128	165856	21.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	62600	22.049	ug/l	97

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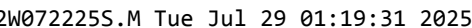
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

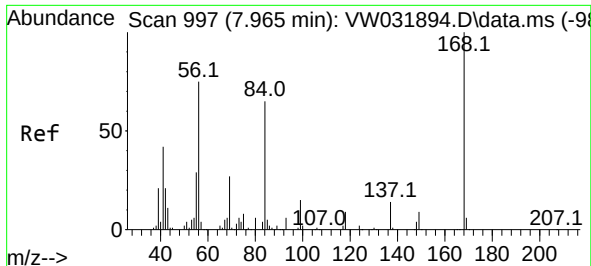
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range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

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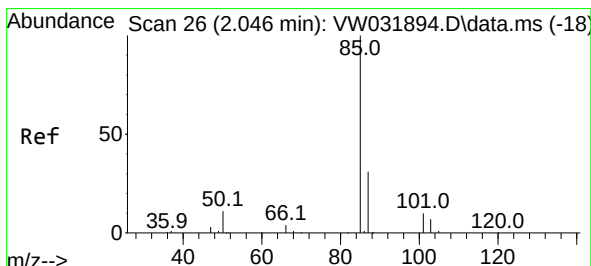
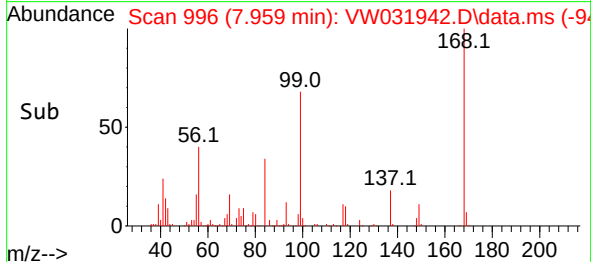
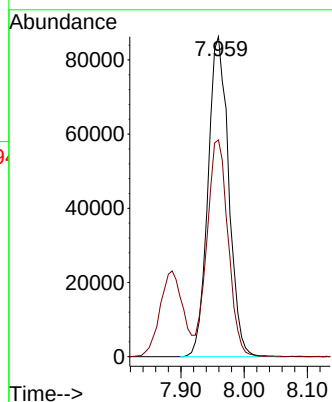
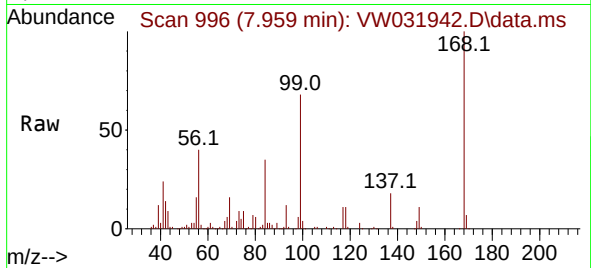




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031942.D
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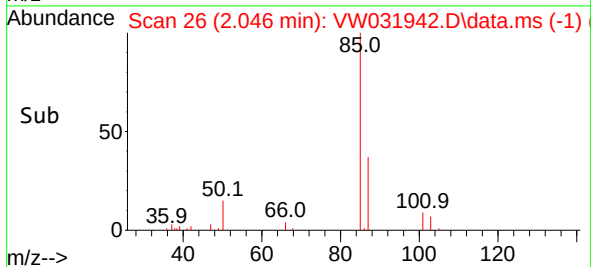
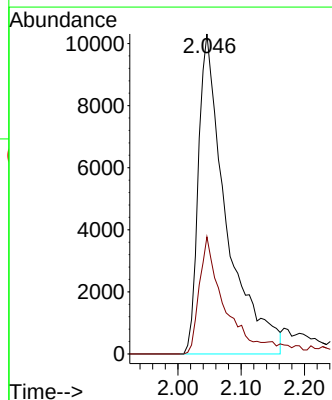
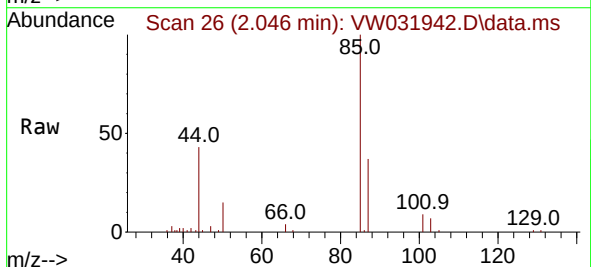
Instrument :
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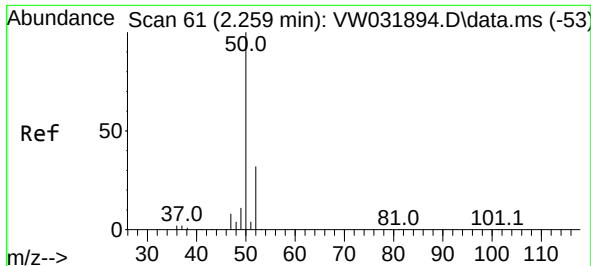
Tgt Ion:168 Resp: 195959
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 21.717 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 85 Resp: 31629
Ion Ratio Lower Upper
85 100
87 36.6 15.5 46.5

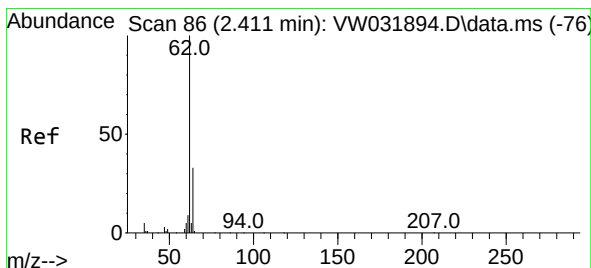
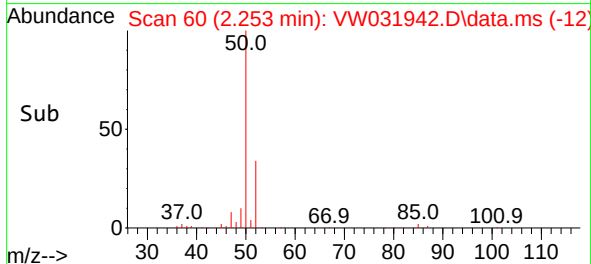
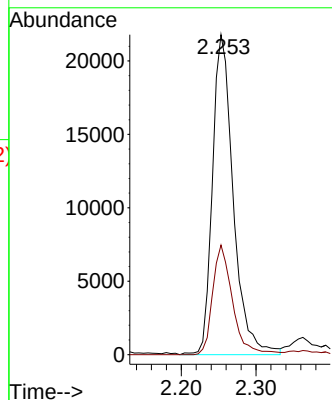
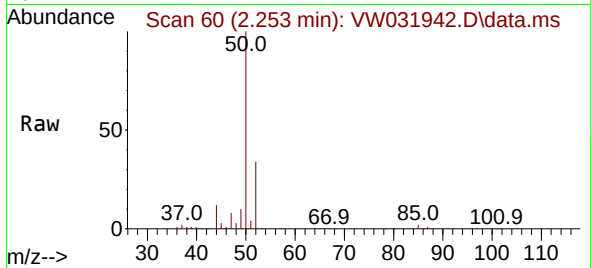




#3
Chloromethane
Concen: 22.560 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

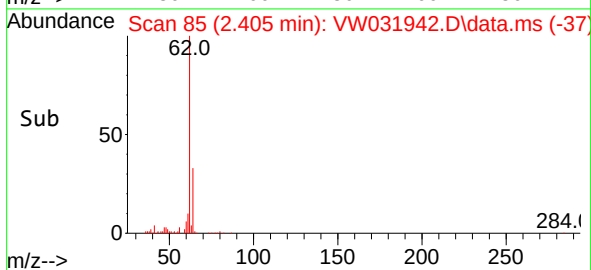
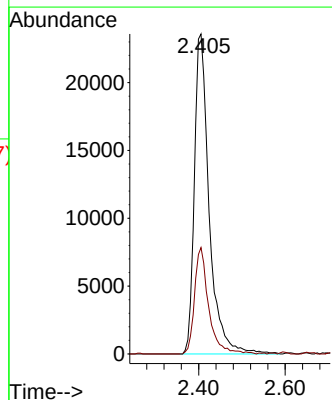
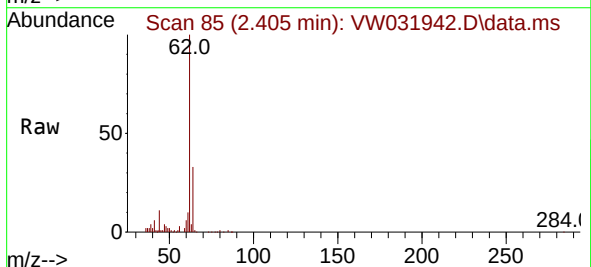
Instrument :
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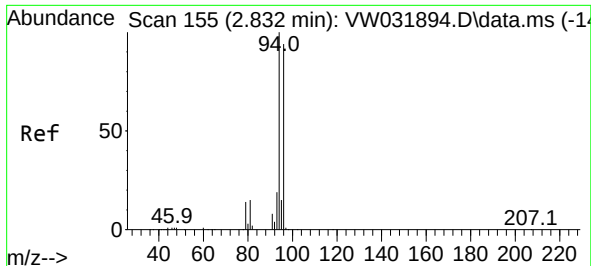
Tgt Ion: 50 Resp: 42172
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5



#4
Vinyl Chloride
Concen: 23.015 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 62 Resp: 55888
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

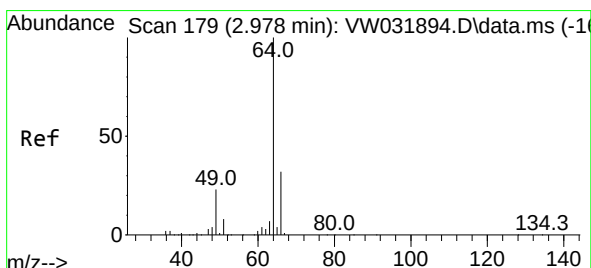
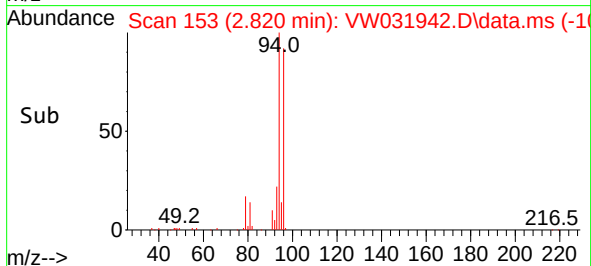
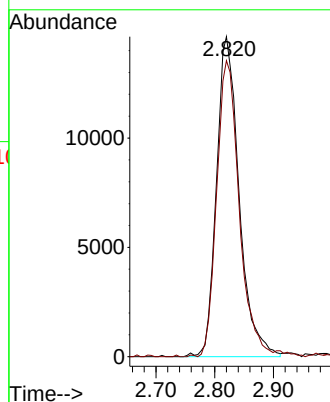
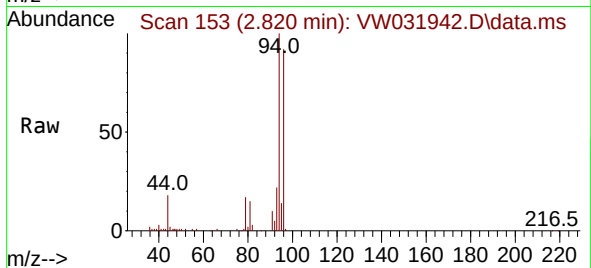




#5
Bromomethane
Concen: 21.884 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

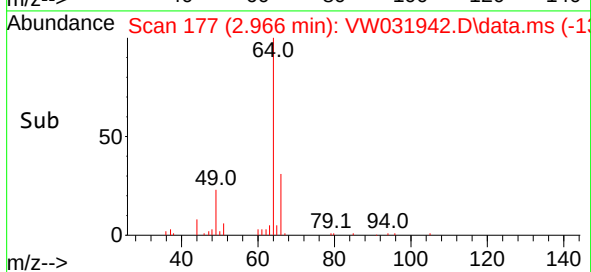
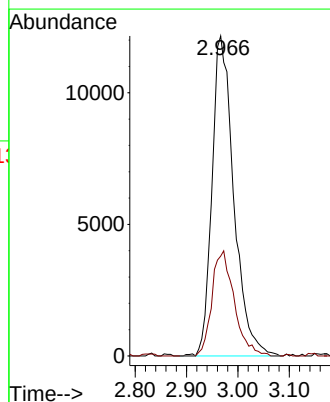
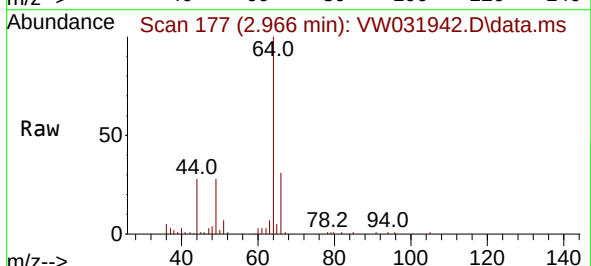
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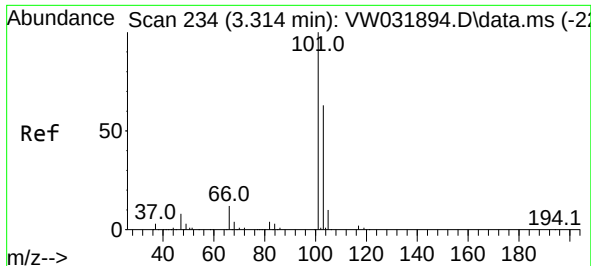
Tgt Ion: 94 Resp: 39132
Ion Ratio Lower Upper
94 100
96 92.5 75.0 112.6



#6
Chloroethane
Concen: 22.329 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 64 Resp: 35786
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4

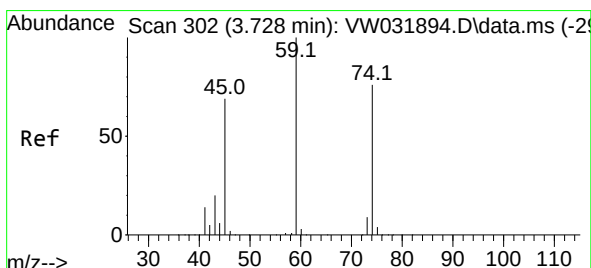
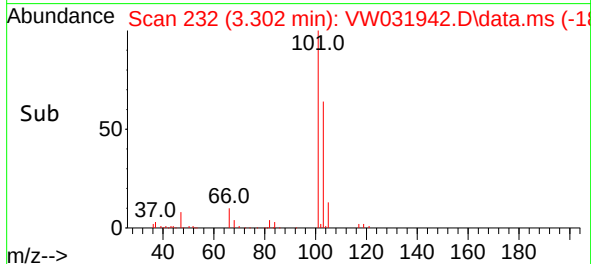
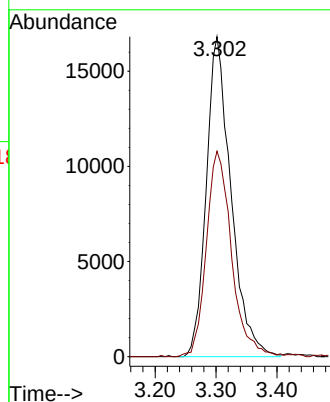
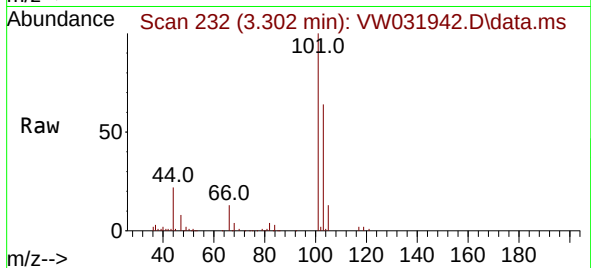




#7
 Trichlorofluoromethane
 Concen: 19.226 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

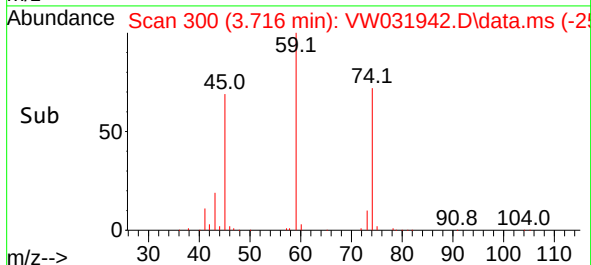
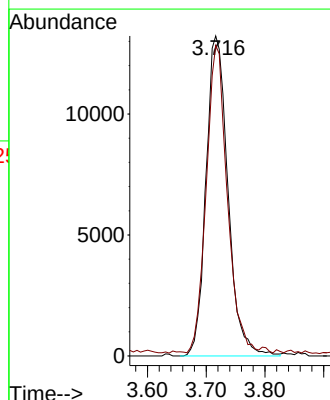
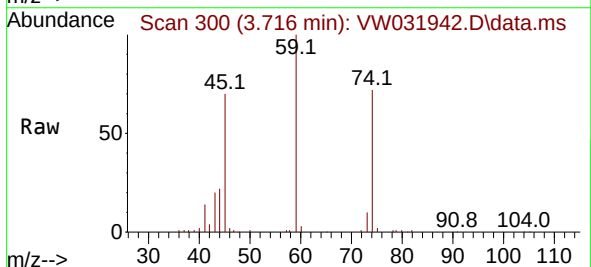
Instrument :
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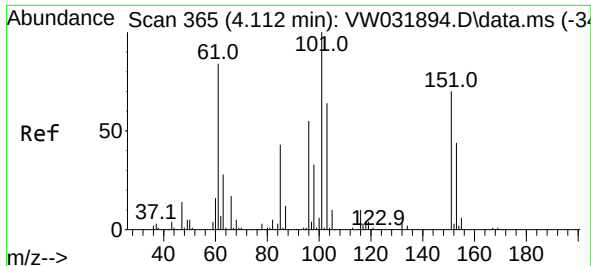
Tgt Ion:101 Resp: 47286
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.898 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 34334
 Ion Ratio Lower Upper
 74 100
 45 91.7 45.5 136.5

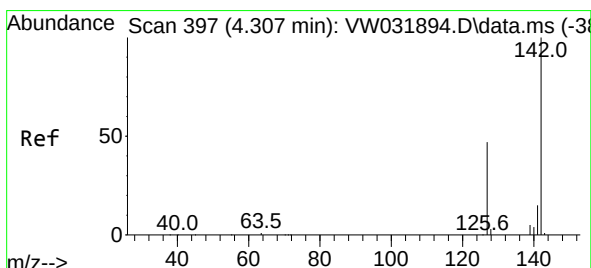
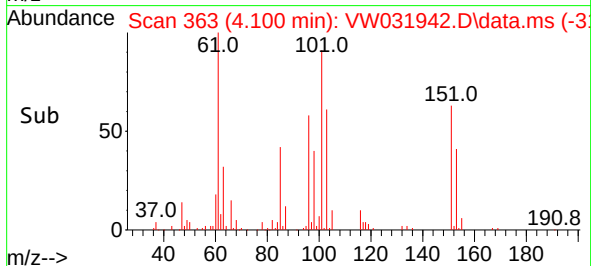
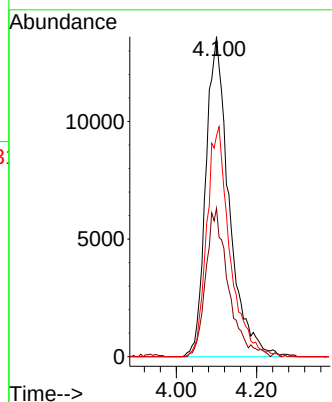
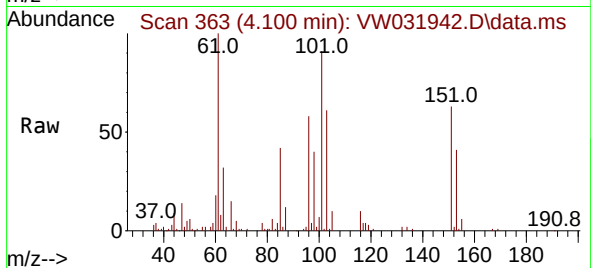




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.207 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW031942.D
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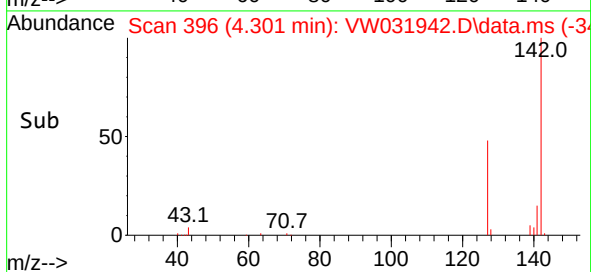
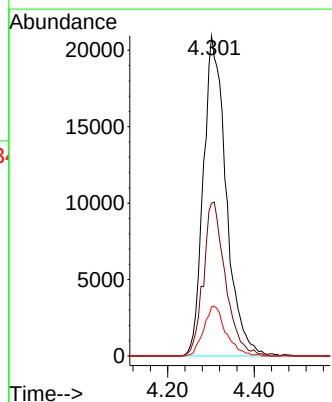
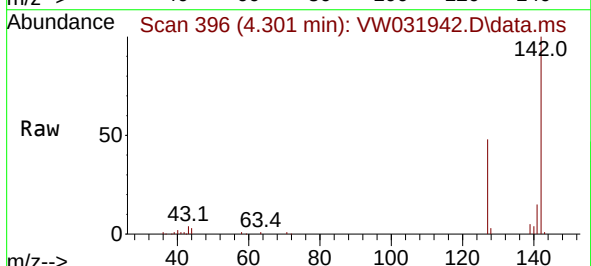
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

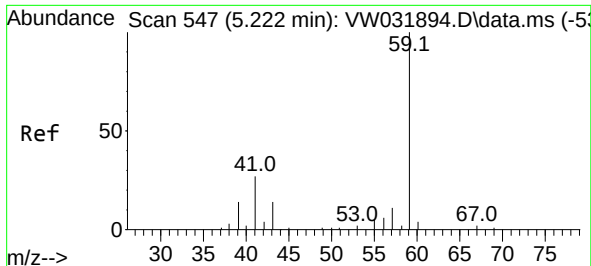
Tgt Ion:101 Resp: 54899
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 71.1 54.6 81.8



#10
Methyl Iodide
Concen: 21.599 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:142 Resp: 76396
Ion Ratio Lower Upper
142 100
127 46.6 37.4 56.2
141 15.2 11.9 17.9

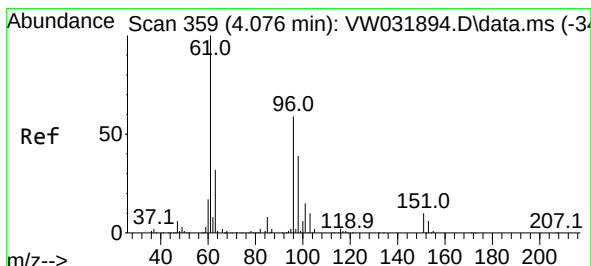
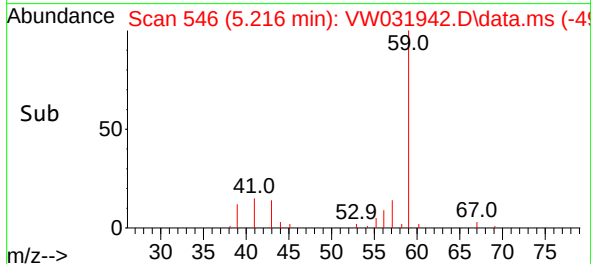
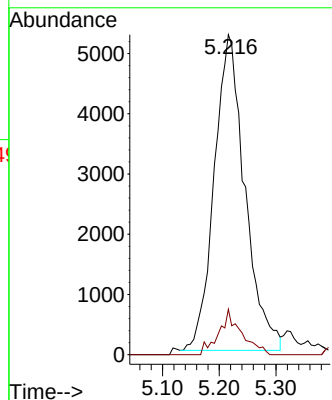
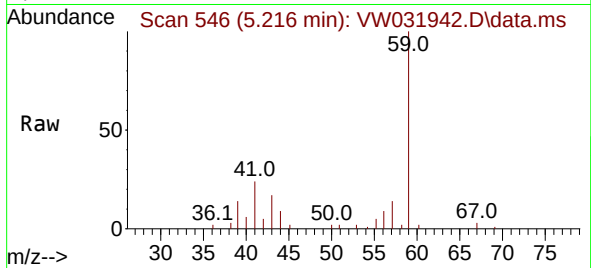




#11
Tert butyl alcohol
Concen: 112.867 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

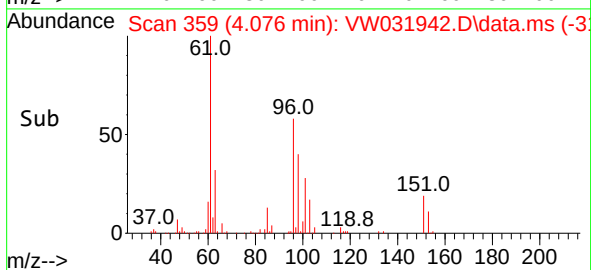
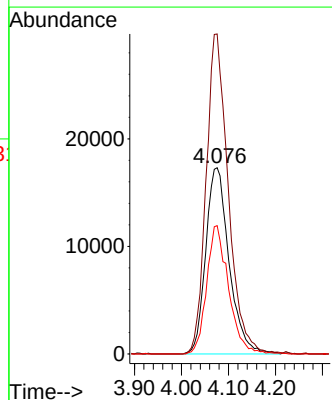
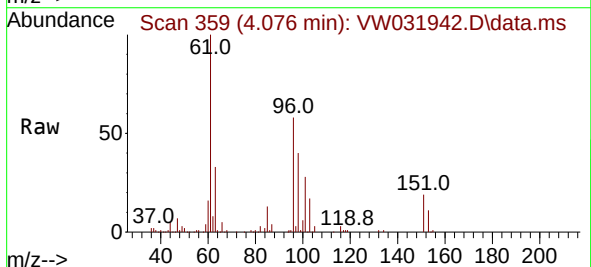
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

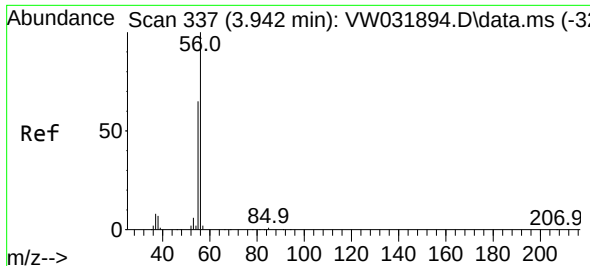
Tgt Ion: 59 Resp: 19667
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 22.873 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 96 Resp: 59766
Ion Ratio Lower Upper
96 100
61 171.9 135.0 202.6
98 68.9 52.3 78.5

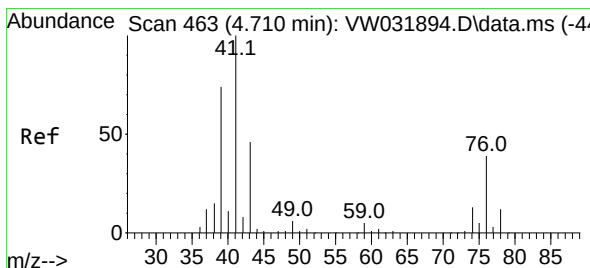
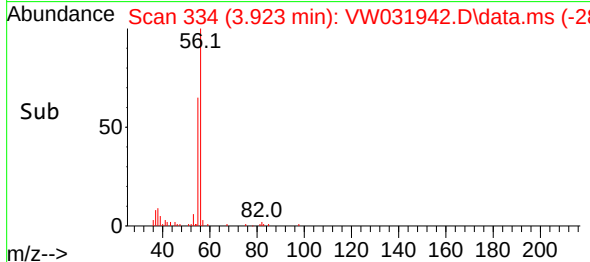
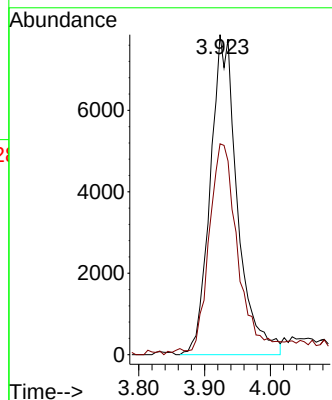
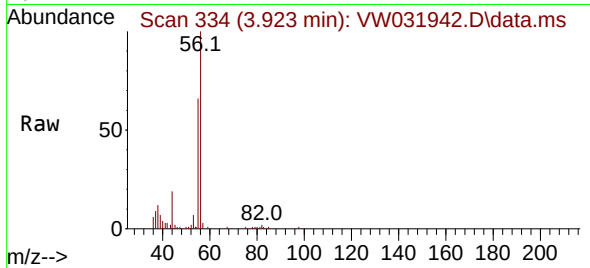




#13
Acrolein
Concen: 86.856 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

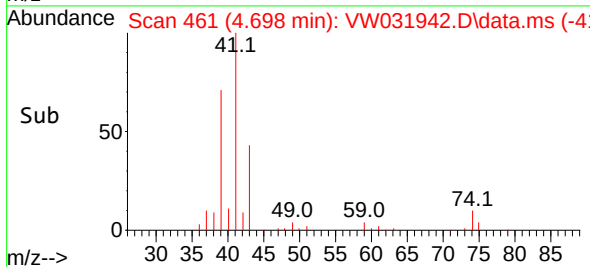
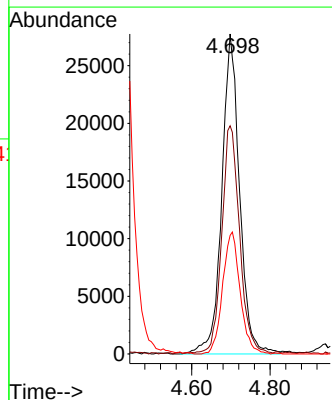
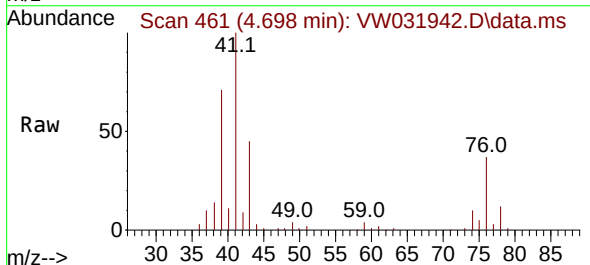
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

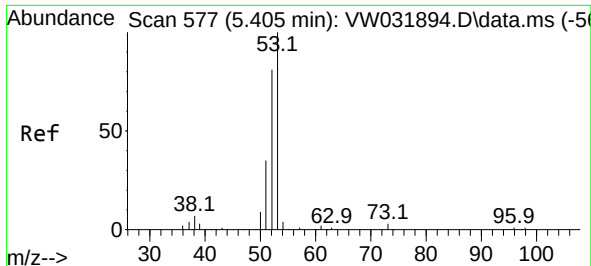
Tgt Ion: 56 Resp: 22604
Ion Ratio Lower Upper
56 100
55 67.4 56.7 85.1



#14
Allyl chloride
Concen: 21.556 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 41 Resp: 87680
Ion Ratio Lower Upper
41 100
39 71.0 56.6 85.0
76 37.6 30.1 45.1

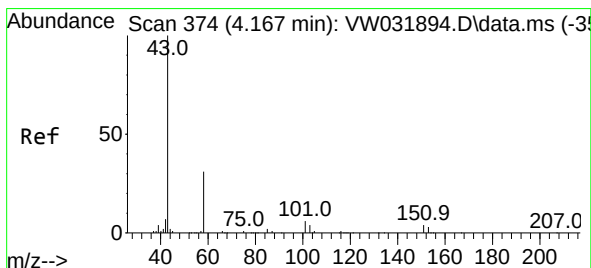
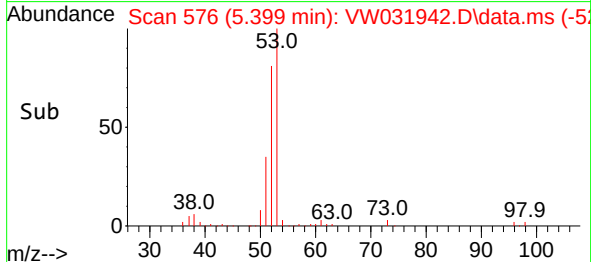
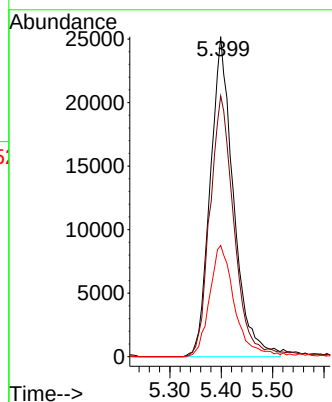
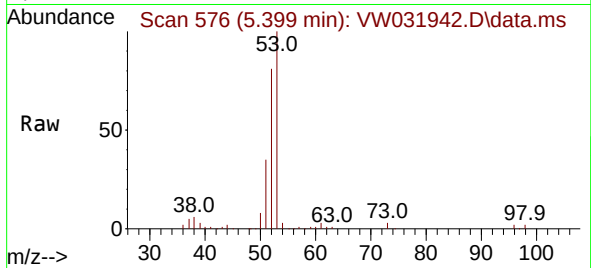




#15
Acrylonitrile
Concen: 107.570 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

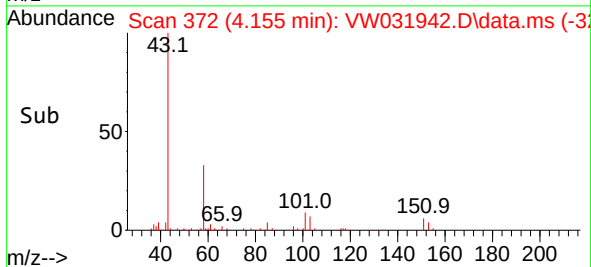
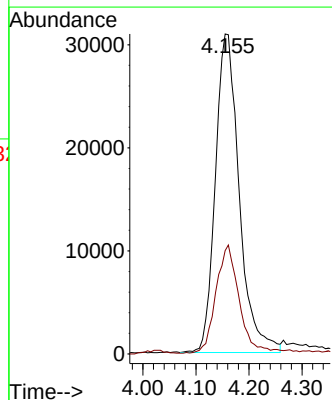
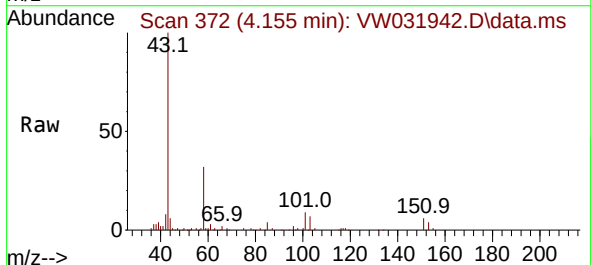
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

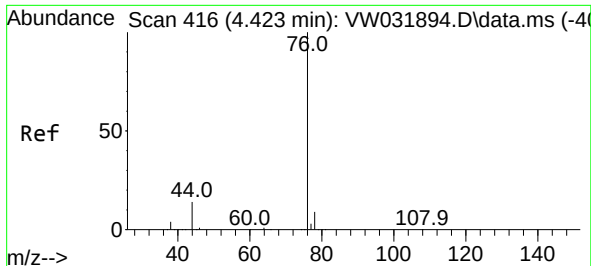
Tgt Ion:	53	Resp:	79011
Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.0	100.4
51	37.6	29.9	44.9



#16
Acetone
Concen: 137.481 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:	43	Resp:	96708
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.5	38.3

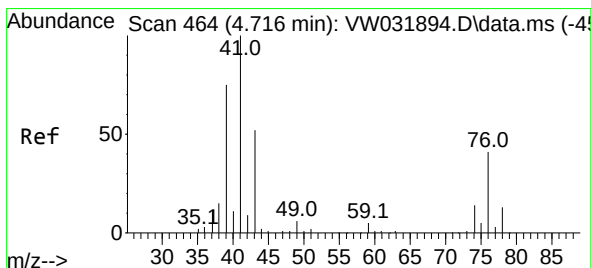
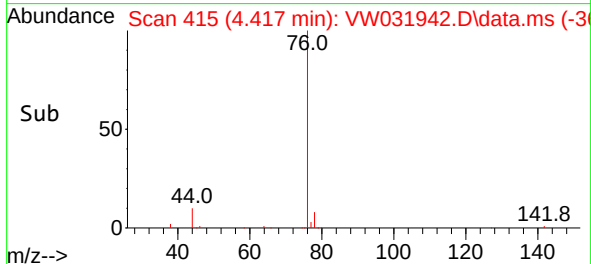
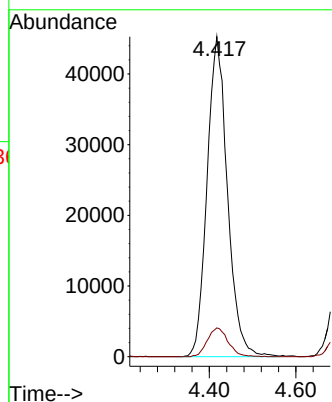
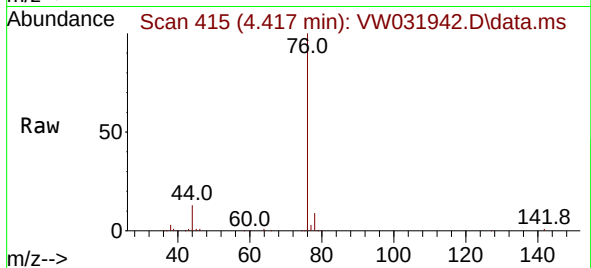




#17
Carbon Disulfide
Concen: 21.817 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

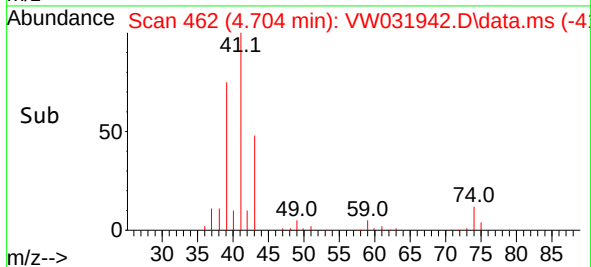
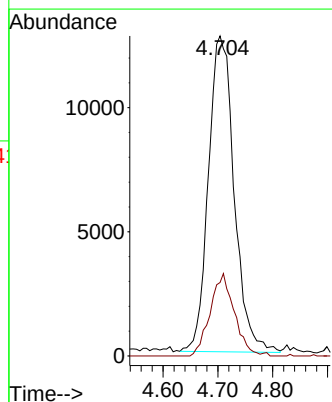
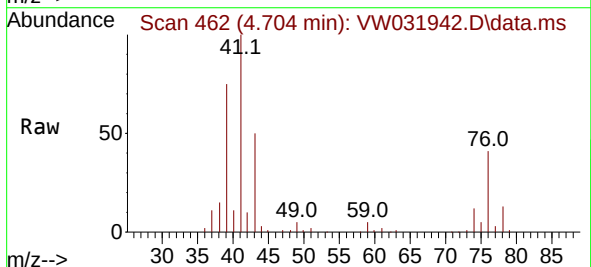
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

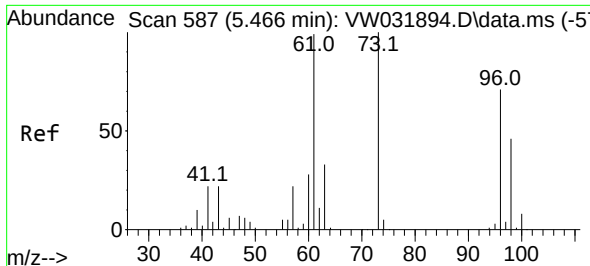
Tgt Ion: 76 Resp: 147848
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 21.436 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 43 Resp: 41542
Ion Ratio Lower Upper
43 100
74 24.5 20.6 31.0

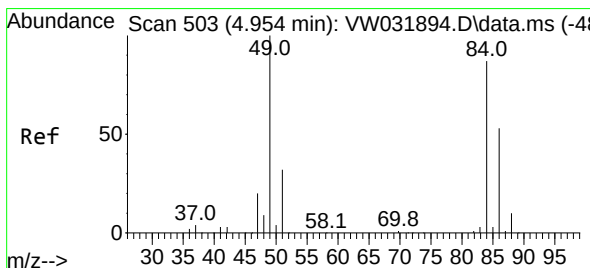
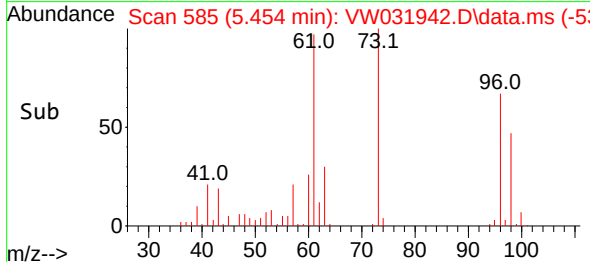
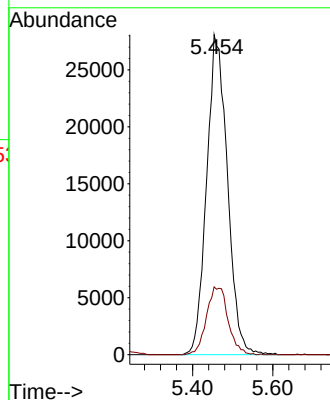
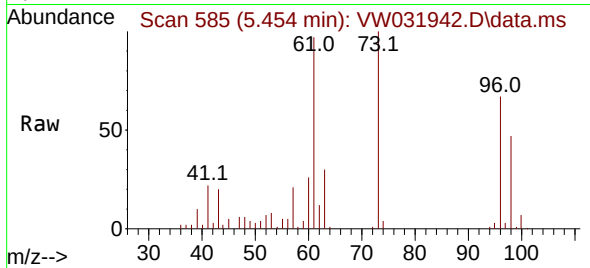




#19
Methyl tert-butyl Ether
Concen: 22.400 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

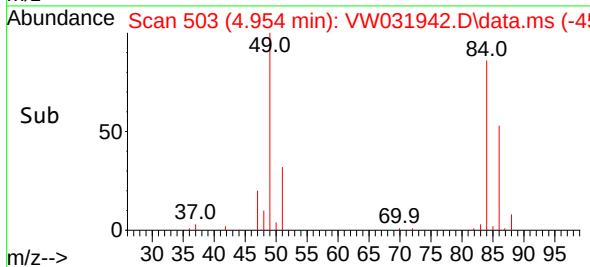
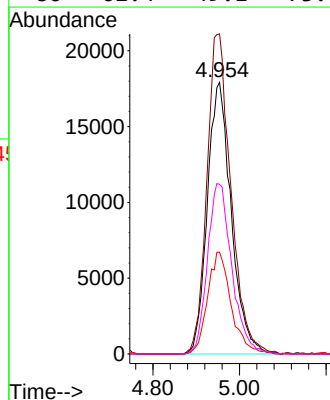
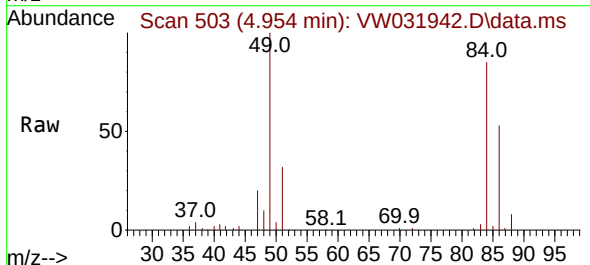
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

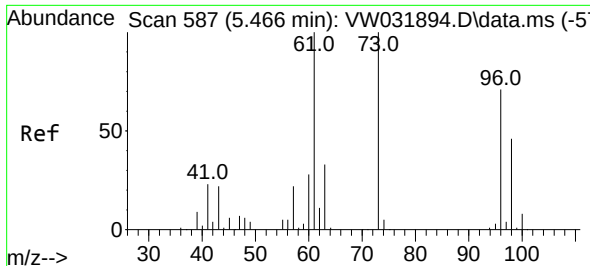
Tgt Ion: 73 Resp: 101131
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 20.060 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 84 Resp: 68737
Ion Ratio Lower Upper
84 100
49 117.8 91.9 137.9
51 37.4 29.0 43.6
86 62.4 49.1 73.7

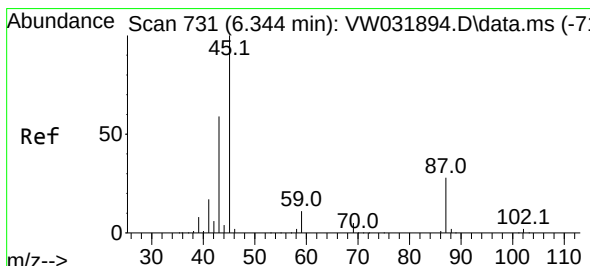
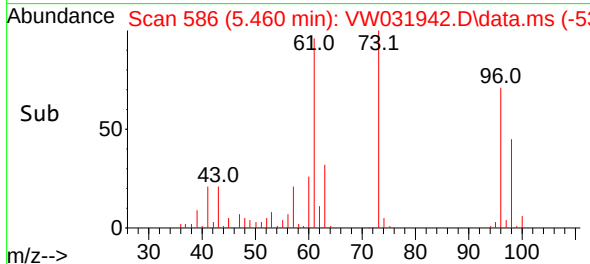
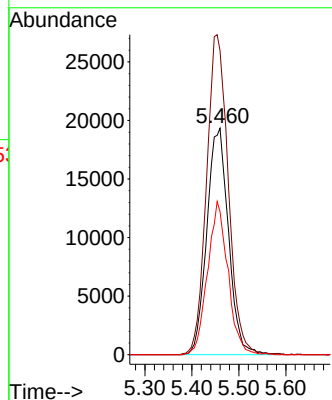
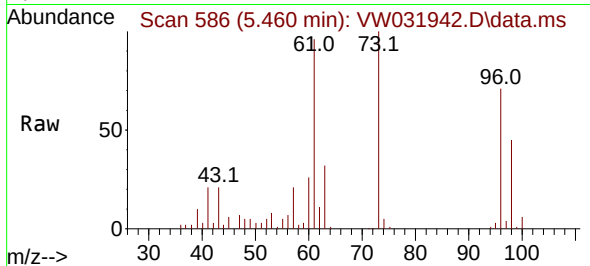




#21
trans-1,2-Dichloroethene
Concen: 22.317 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

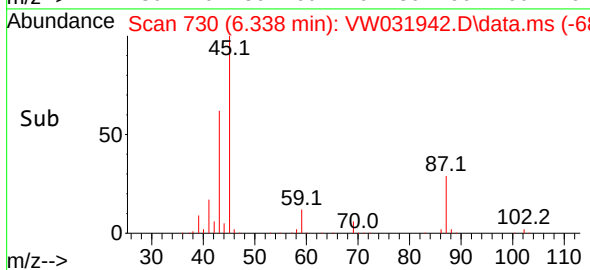
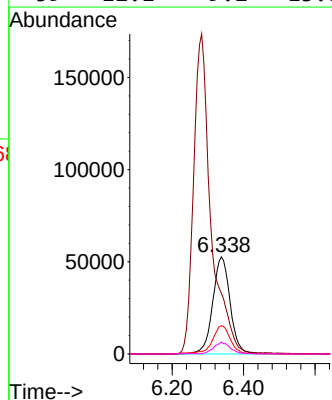
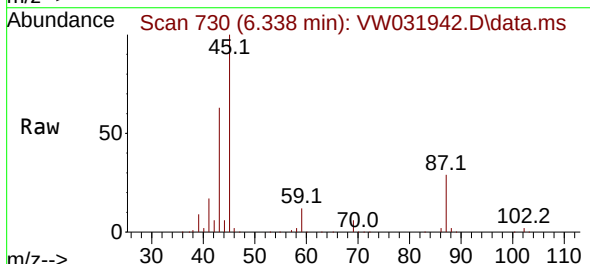
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

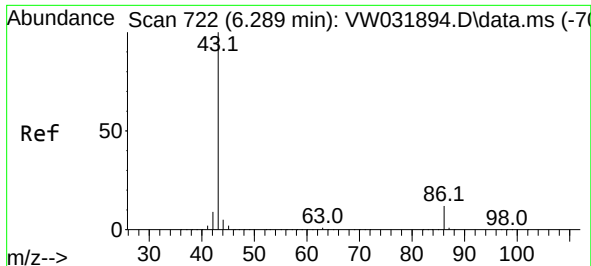
Tgt Ion: 96 Resp: 61871
Ion Ratio Lower Upper
96 100
61 134.3 112.8 169.2
98 63.1 51.9 77.9



#22
Diisopropyl ether
Concen: 21.899 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 45 Resp: 178244
Ion Ratio Lower Upper
45 100
43 61.8 47.0 70.6
87 29.0 22.8 34.2
59 12.1 9.2 13.8

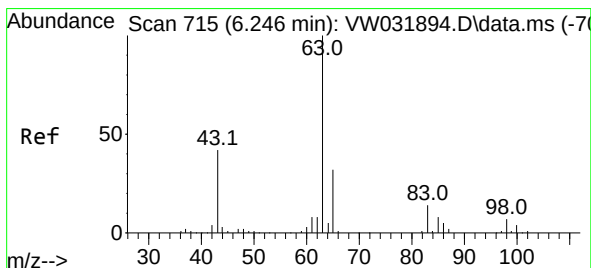
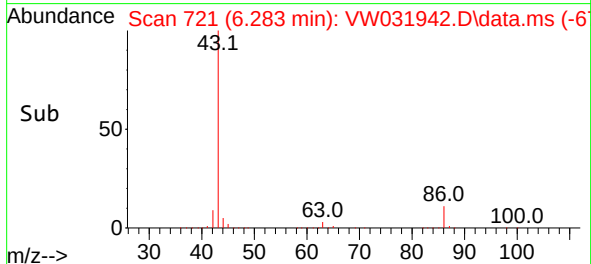
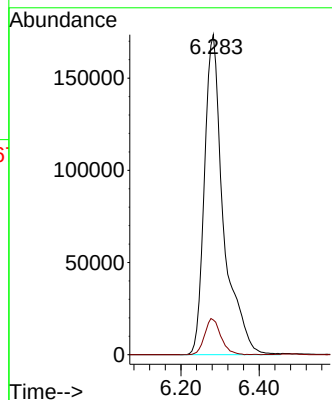
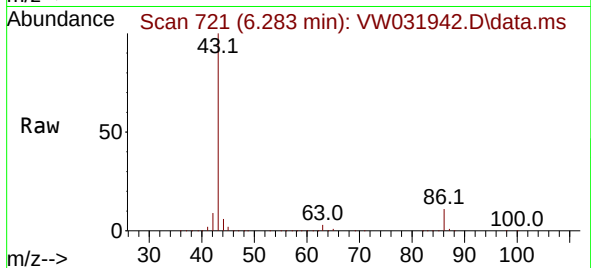




#23
 Vinyl Acetate
 Concen: 110.204 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

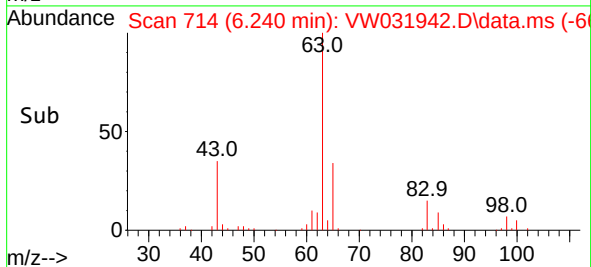
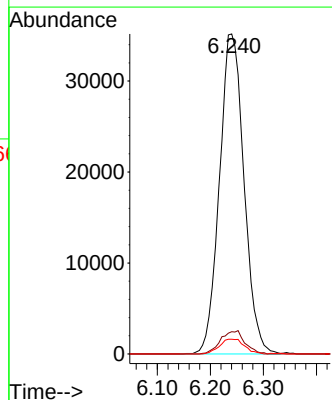
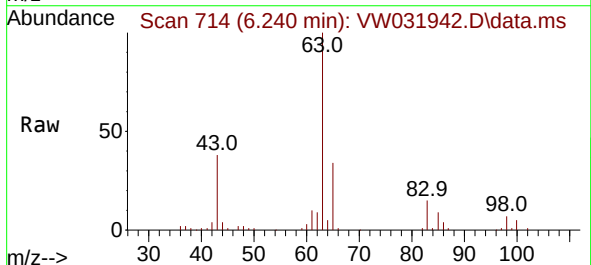
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBSD01

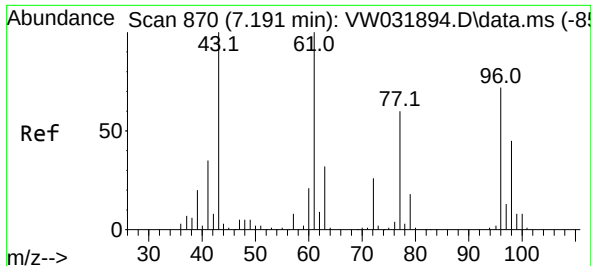
Tgt Ion: 43 Resp: 586006
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 22.324 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

Tgt Ion: 63 Resp: 113129
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 122.040 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

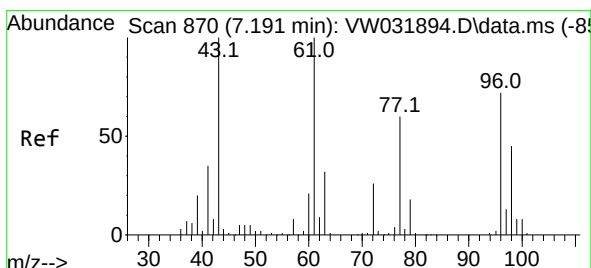
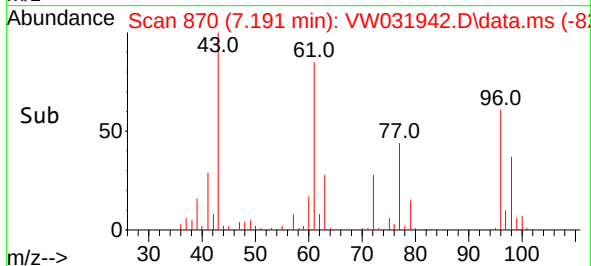
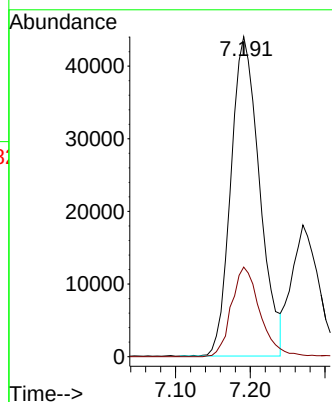
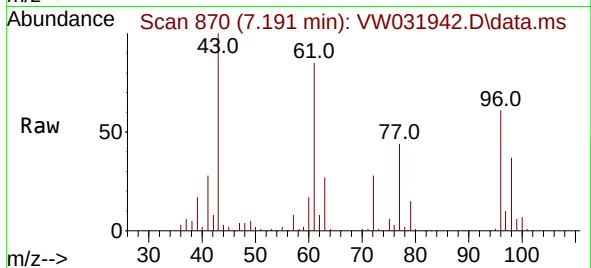
VW0728SBSD01

Tgt Ion: 43 Resp: 117457

Ion Ratio Lower Upper

43 100

72 28.0 20.8 31.2



#26

2,2-Dichloropropane

Concen: 21.975 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031942.D

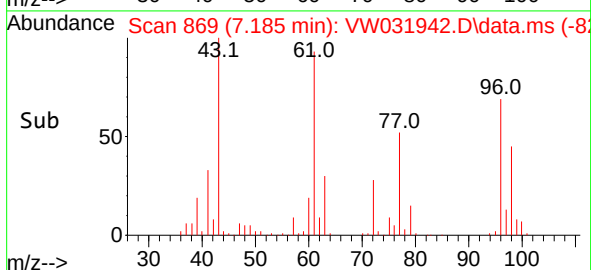
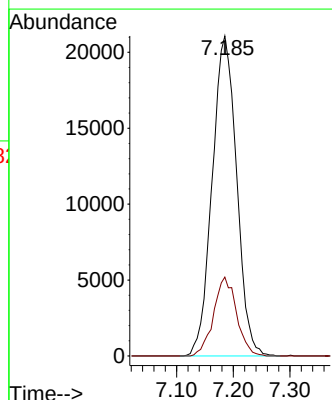
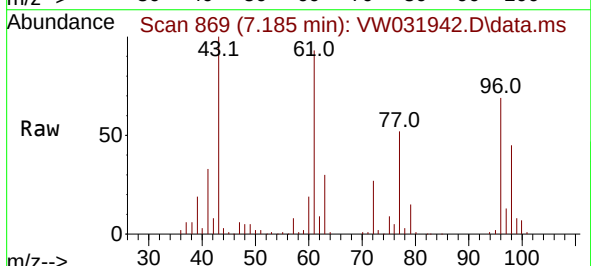
Acq: 28 Jul 2025 13:38

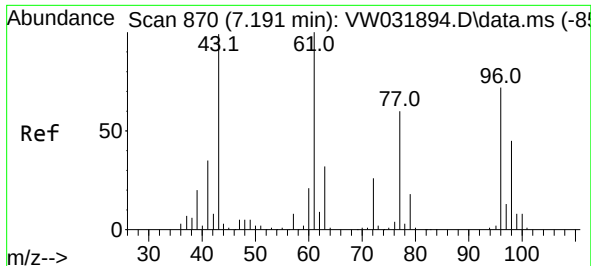
Tgt Ion: 77 Resp: 63044

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



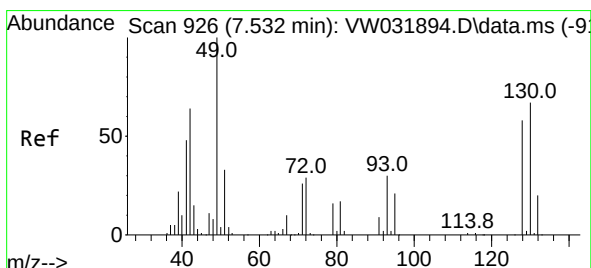
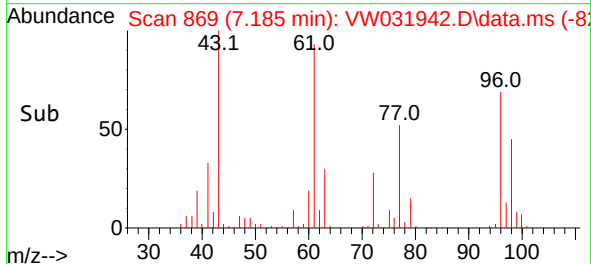
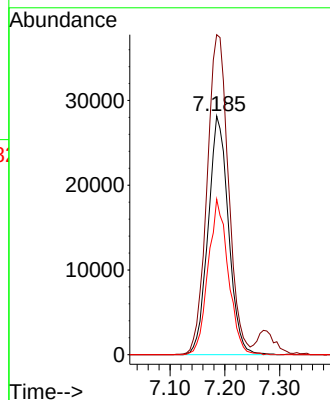
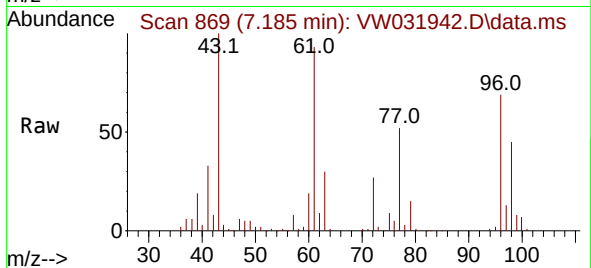


#27
 cis-1,2-Dichloroethene
 Concen: 22.226 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBSD01

Tgt Ion: 96 Resp: 72441

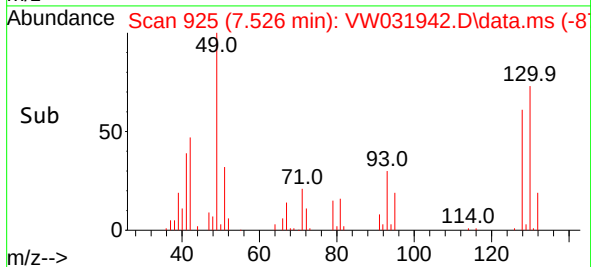
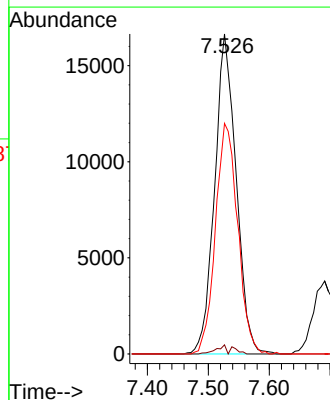
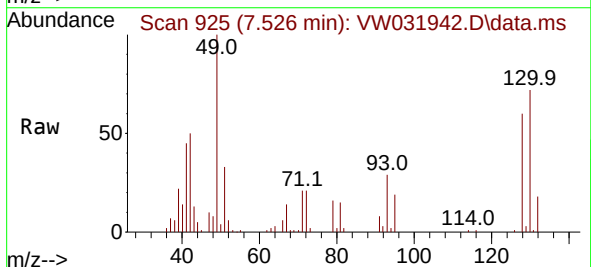
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	280.2
98	64.5	0.0	126.8

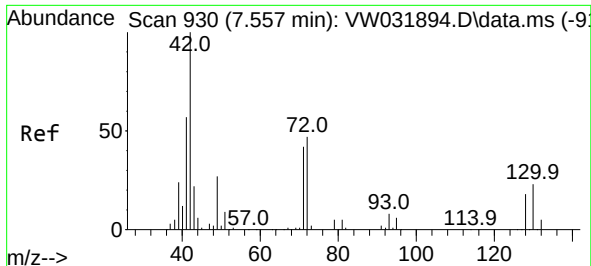


#28
 Bromochloromethane
 Concen: 19.217 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

Tgt Ion: 49 Resp: 40775

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	74.6	59.0	88.4





#29

Tetrahydrofuran

Concen: 109.813 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

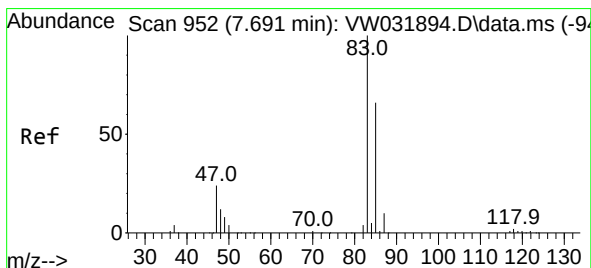
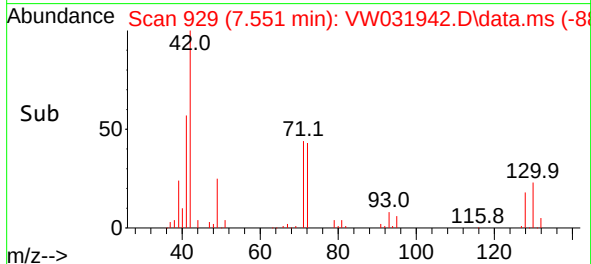
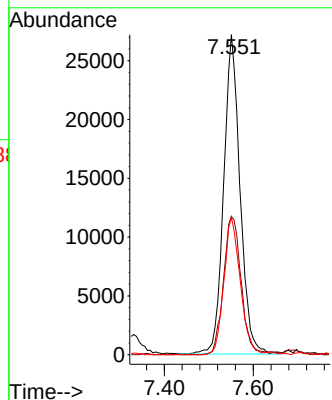
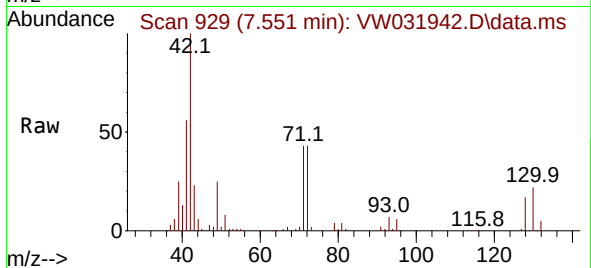
Tgt Ion: 42 Resp: 69293

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.6

71 43.0 34.5 51.7



#30

Chloroform

Concen: 22.738 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW031942.D

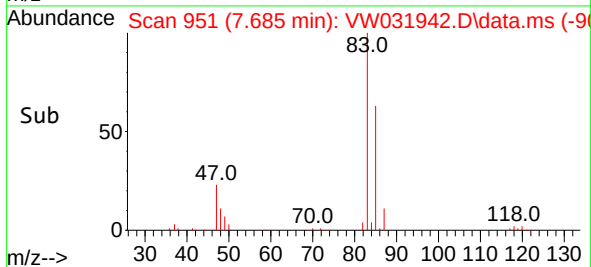
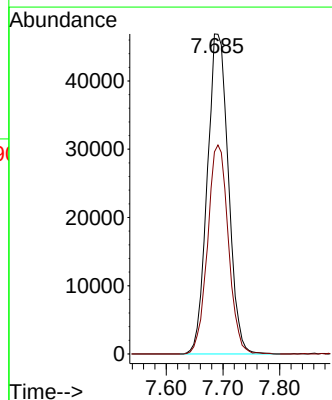
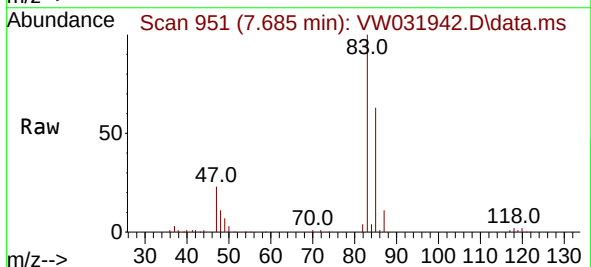
Acq: 28 Jul 2025 13:38

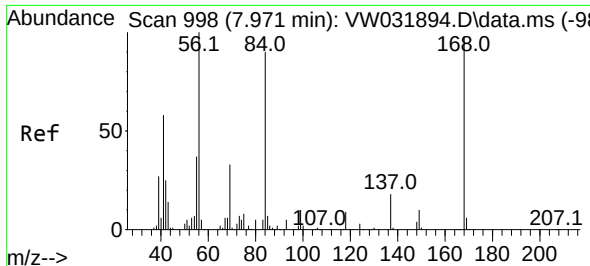
Tgt Ion: 83 Resp: 120817

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

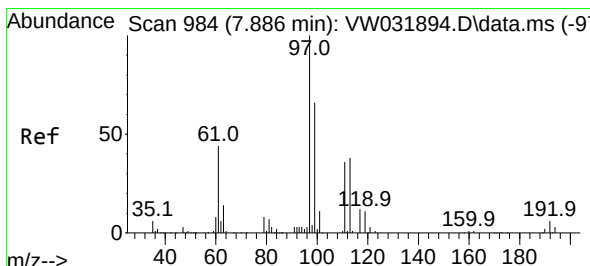
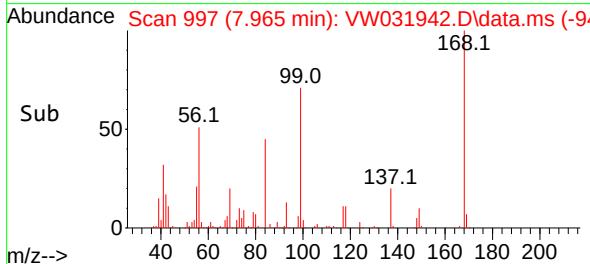
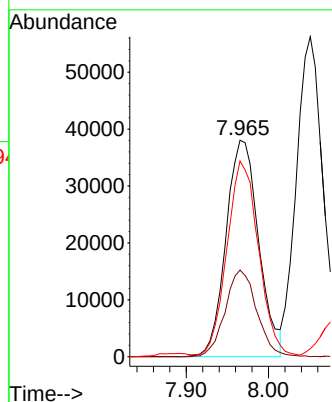
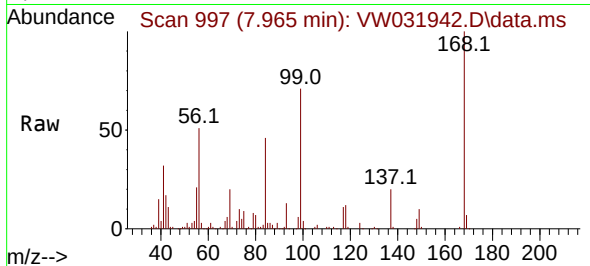




#31
Cyclohexane
Concen: 23.137 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

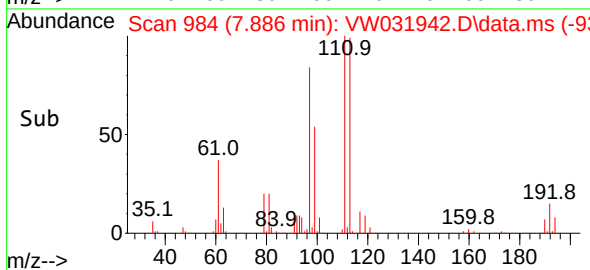
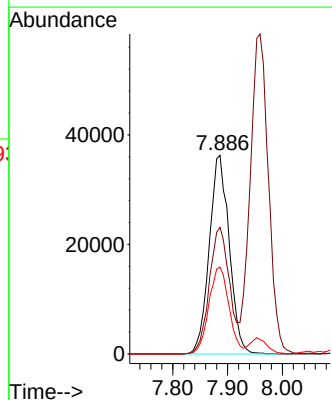
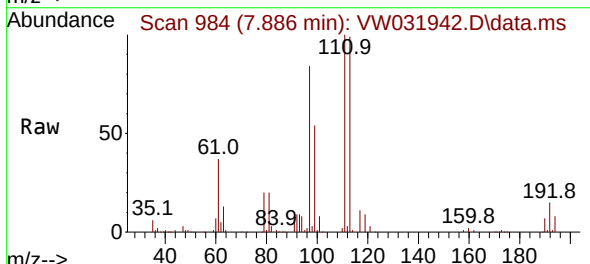
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

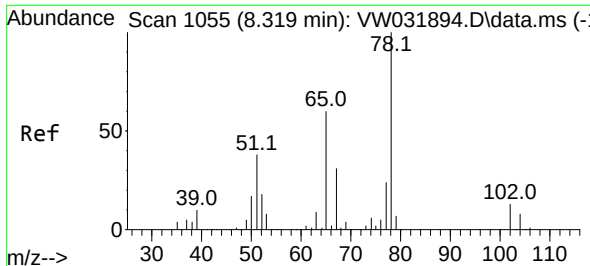
Tgt Ion: 56 Resp: 105188
Ion Ratio Lower Upper
56 100
69 40.0 26.7 40.1
84 88.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.680 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 97 Resp: 91700
Ion Ratio Lower Upper
97 100
99 63.3 53.0 79.4
61 44.1 35.4 53.0

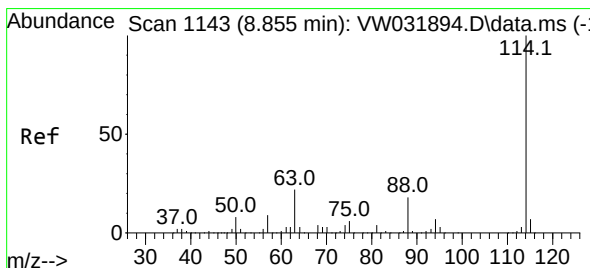
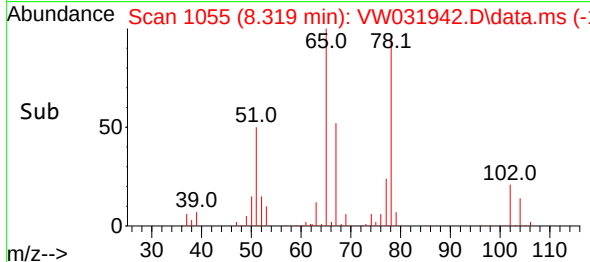
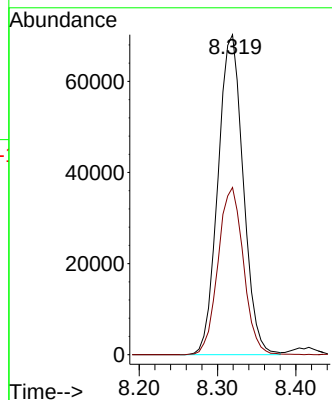
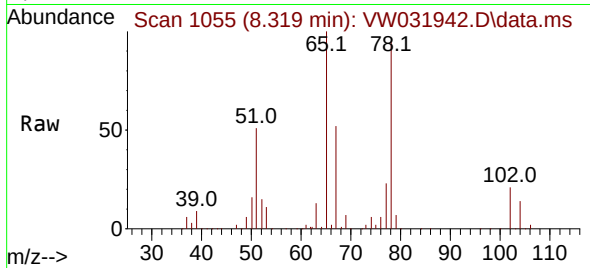




#33
 1,2-Dichloroethane-d4
 Concen: 53.086 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

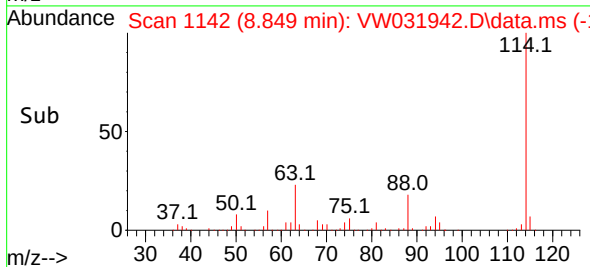
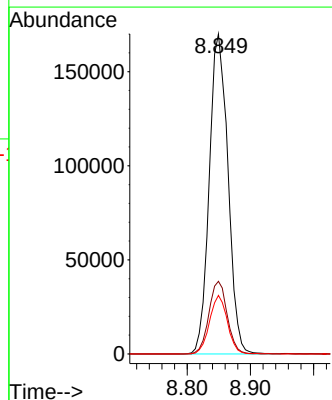
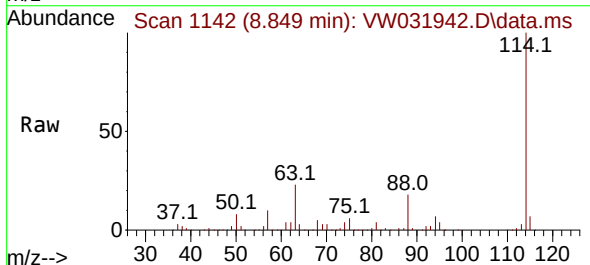
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBSD01

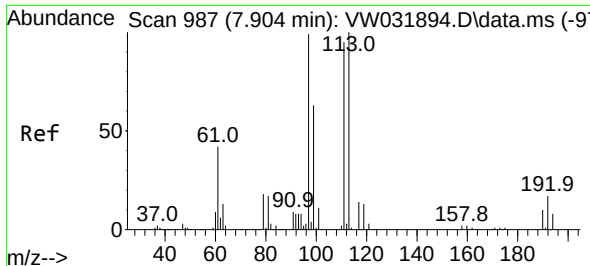
Tgt Ion: 65 Resp: 157365
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

Tgt Ion: 114 Resp: 349131
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 18.3 0.0 35.6





#35

Dibromofluoromethane

Concen: 56.303 ug/l

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

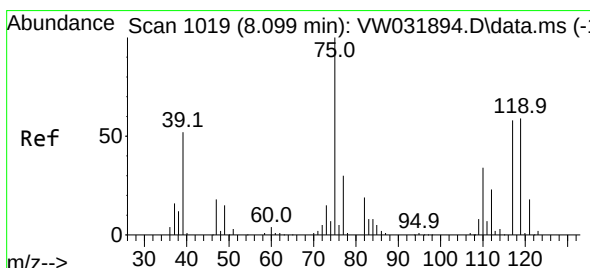
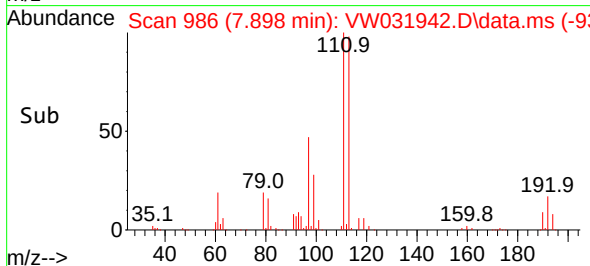
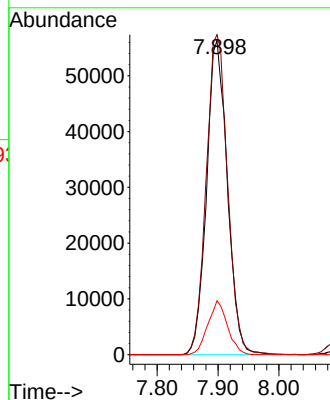
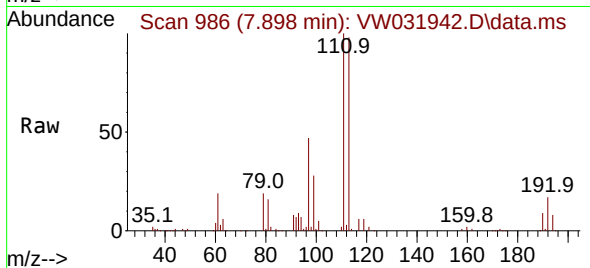
Tgt Ion:113 Resp: 133573

Ion Ratio Lower Upper

113 100

111 104.7 79.9 119.9

192 16.2 12.6 19.0



#36

1,1-Dichloropropene

Concen: 23.811 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

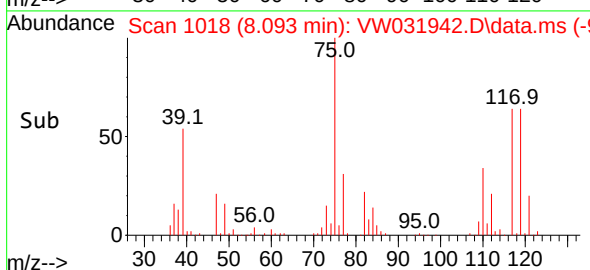
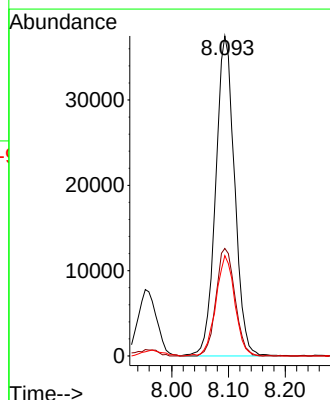
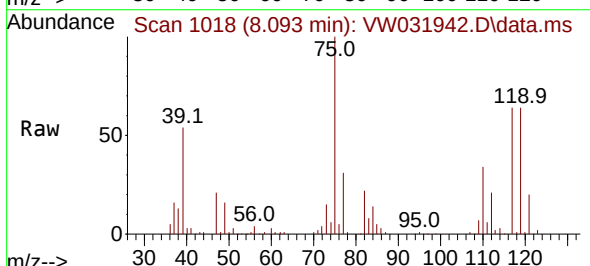
Tgt Ion: 75 Resp: 86752

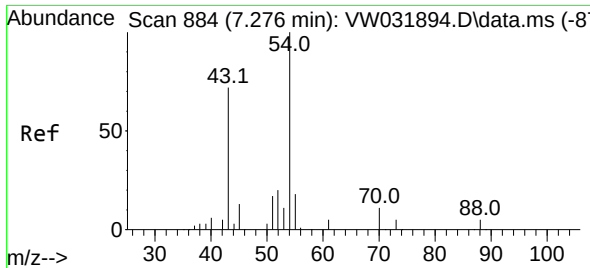
Ion Ratio Lower Upper

75 100

110 33.8 17.0 50.9

77 31.4 25.1 37.7

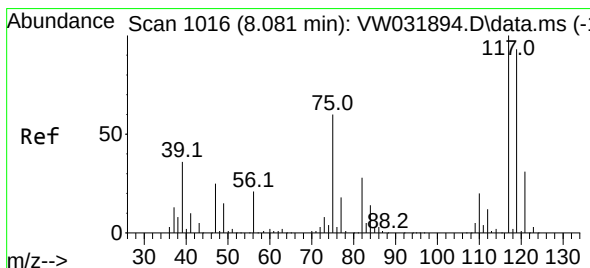
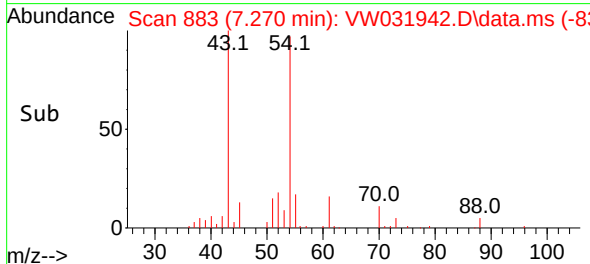
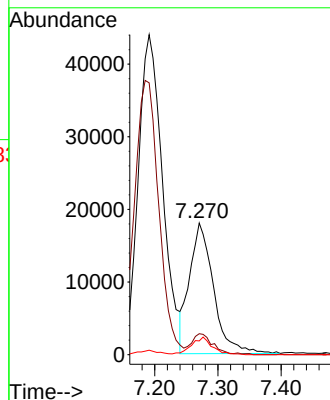
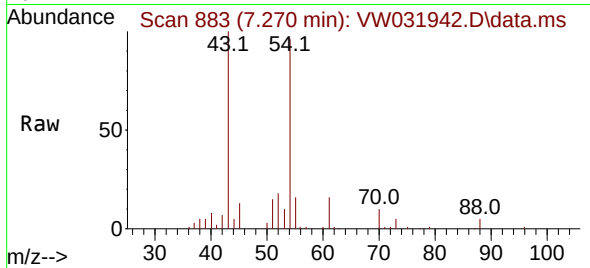




#37
Ethyl Acetate
Concen: 22.934 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

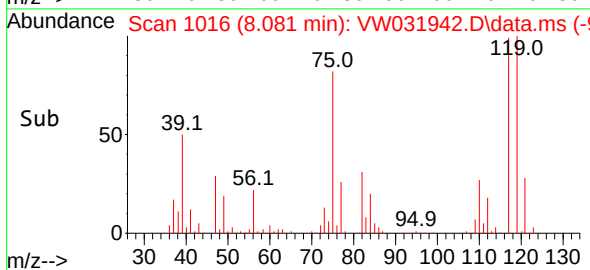
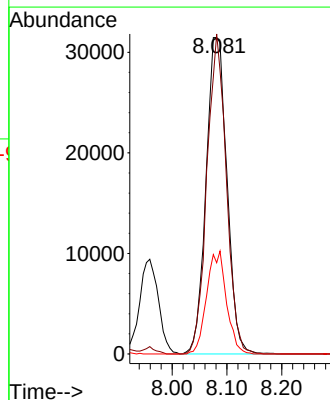
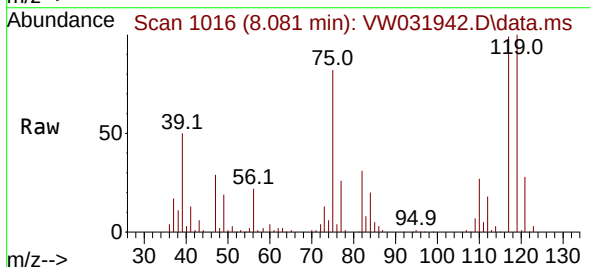
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

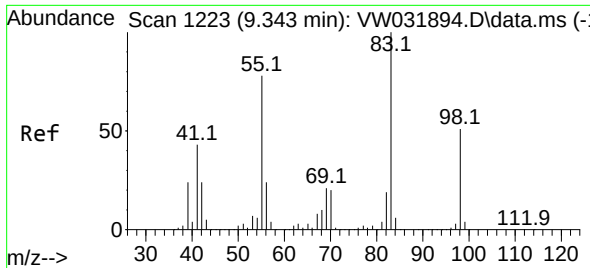
Tgt Ion:	43	Resp:	47665
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	11.6	9.0	13.4



#38
Carbon Tetrachloride
Concen: 23.840 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:	117	Resp:	83357
Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.3	111.5
121	28.8	24.6	37.0





#39

Methylcyclohexane

Concen: 23.946 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

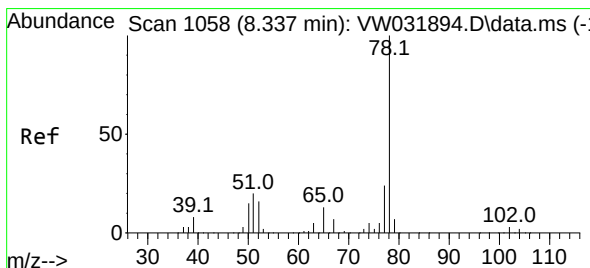
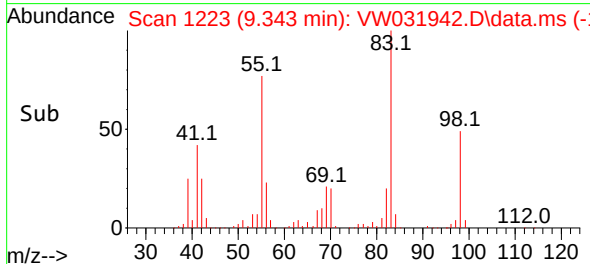
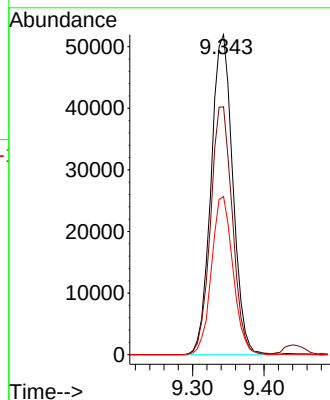
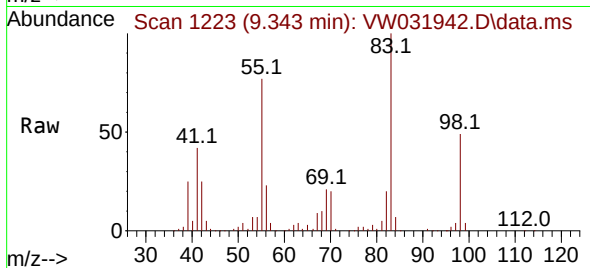
Tgt Ion: 83 Resp: 109794

Ion Ratio Lower Upper

83 100

55 77.5 62.5 93.7

98 49.4 40.6 61.0



#40

Benzene

Concen: 23.871 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031942.D

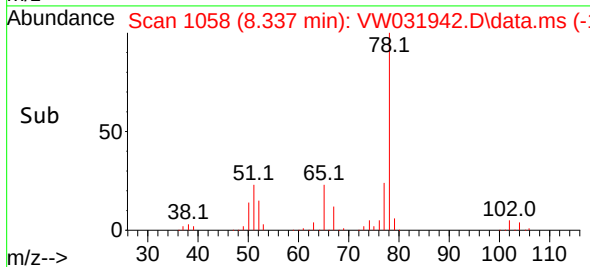
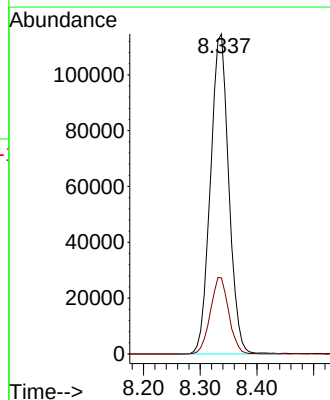
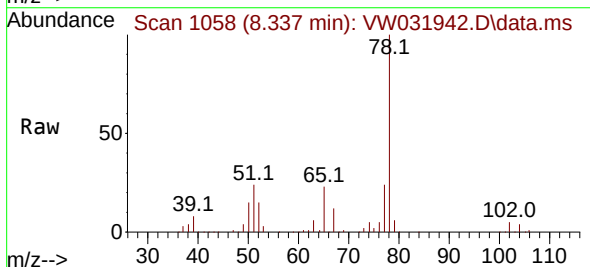
Acq: 28 Jul 2025 13:38

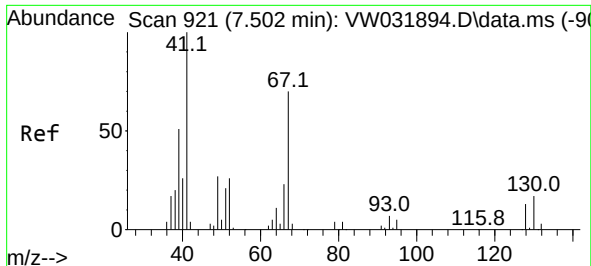
Tgt Ion: 78 Resp: 257449

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

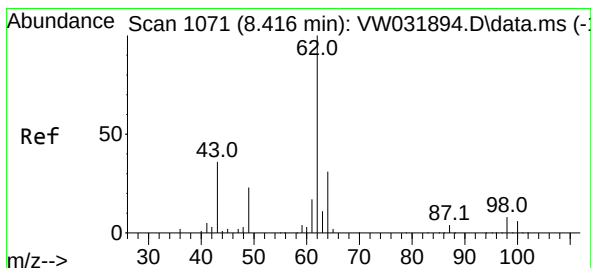
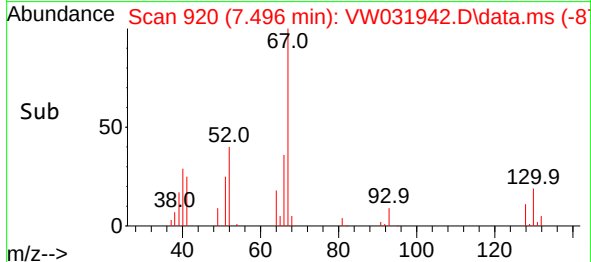
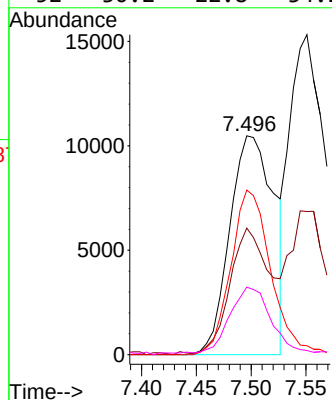
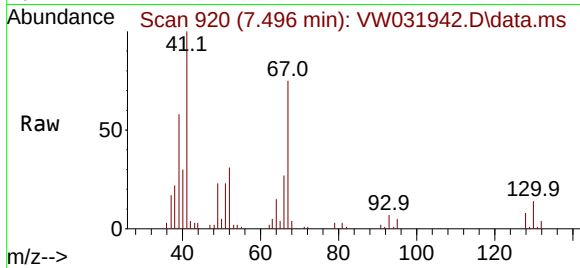




#41
Methacrylonitrile
Concen: 23.638 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

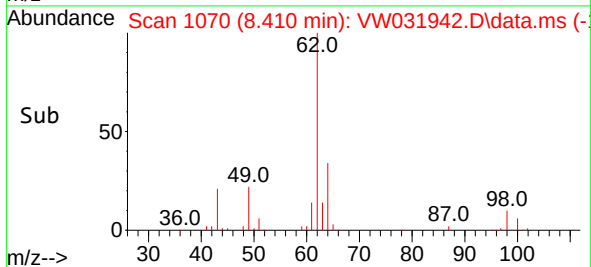
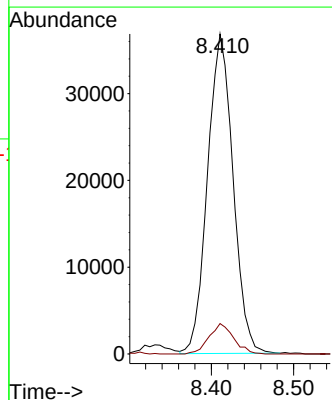
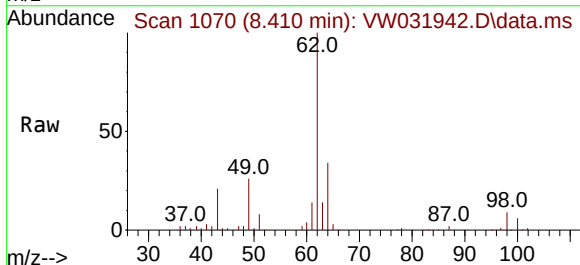
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

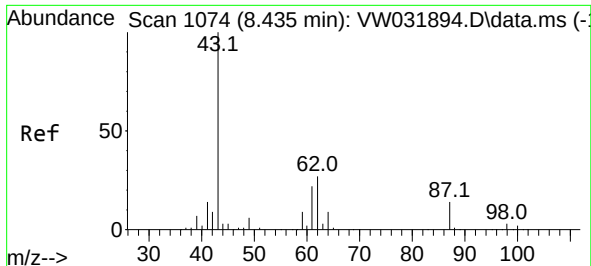
Tgt Ion:	41	Resp:	29409
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.1	61.7
67	68.3	56.2	84.4
52	30.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 23.008 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:	62	Resp:	79417
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

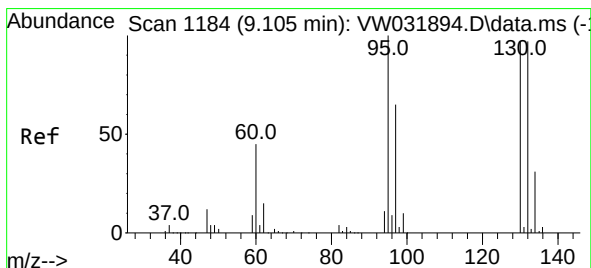
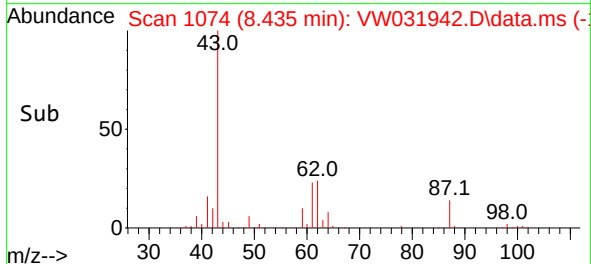
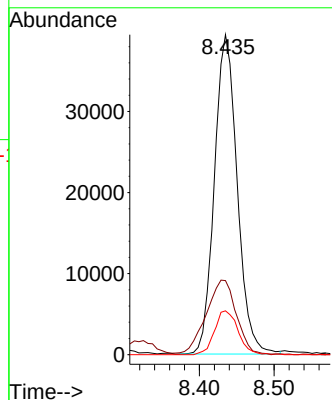
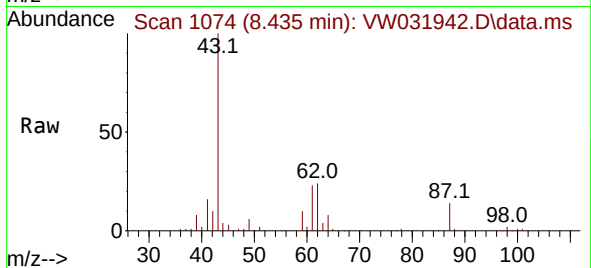




#43
Isopropyl Acetate
Concen: 22.262 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

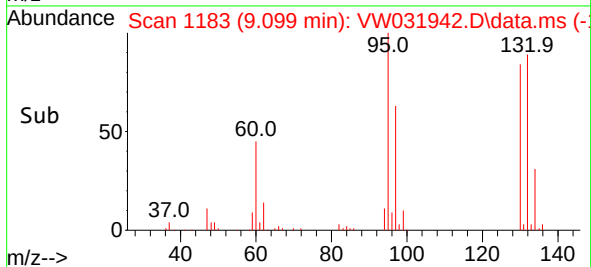
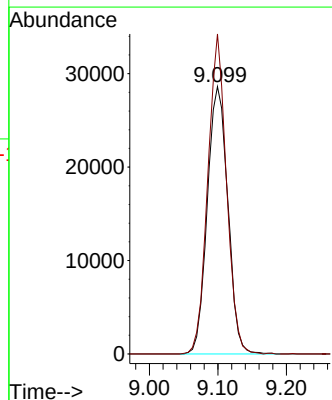
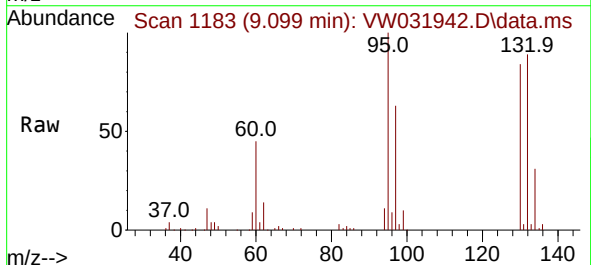
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

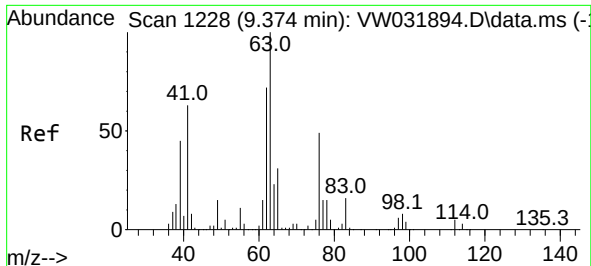
Tgt Ion: 43 Resp: 83760
Ion Ratio Lower Upper
43 100
61 30.9 24.0 36.0
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 23.231 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:130 Resp: 59554
Ion Ratio Lower Upper
130 100
95 119.7 0.0 206.4





#45

1,2-Dichloropropane

Concen: 23.271 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

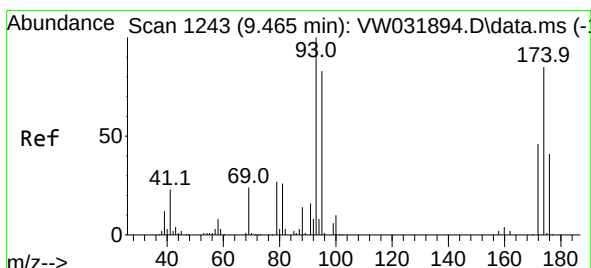
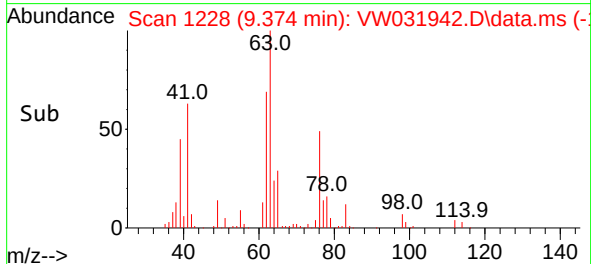
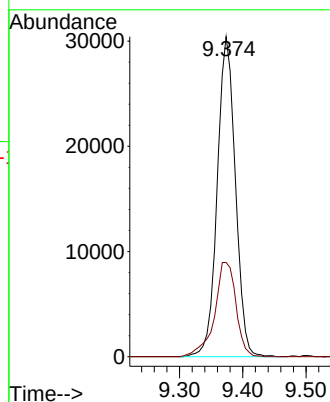
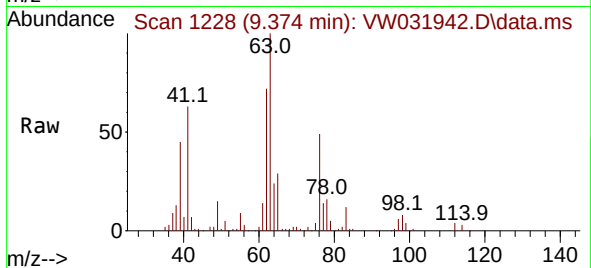
VW0728SBSD01

Tgt Ion: 63 Resp: 60445

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4



#46

Dibromomethane

Concen: 22.952 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

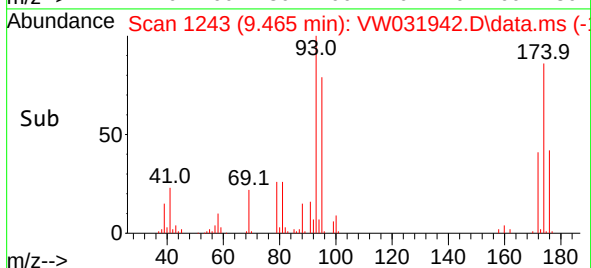
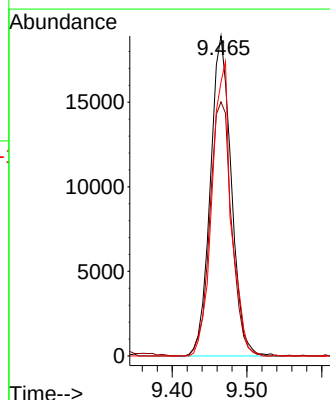
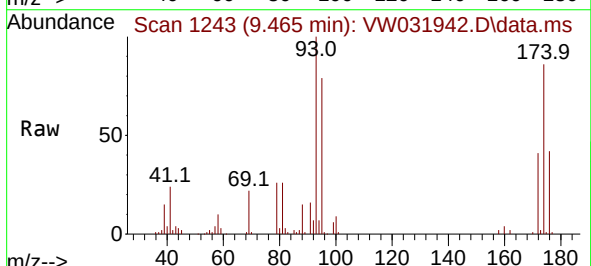
Tgt Ion: 93 Resp: 36955

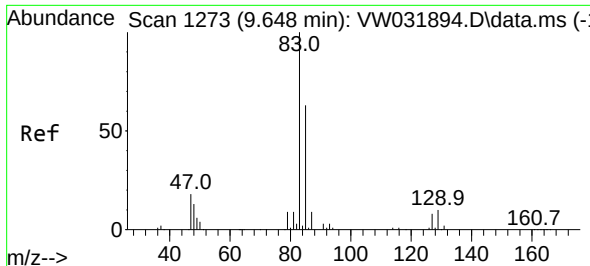
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

174 84.7 70.2 105.2

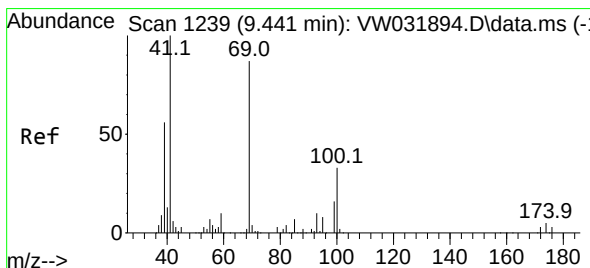
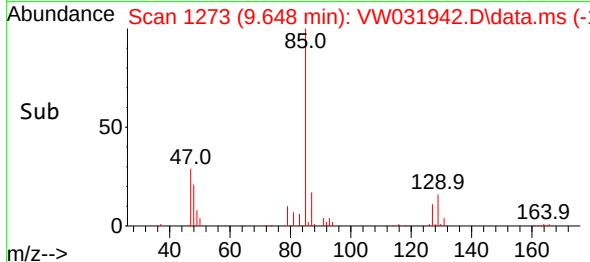
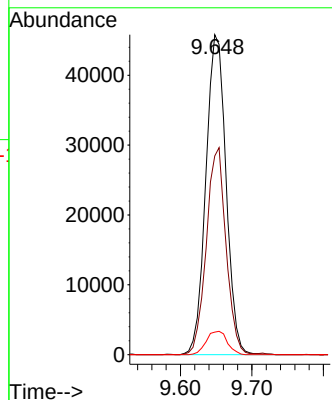
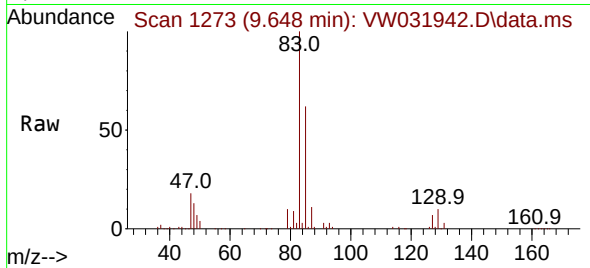




#47
Bromodichloromethane
Concen: 23.247 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

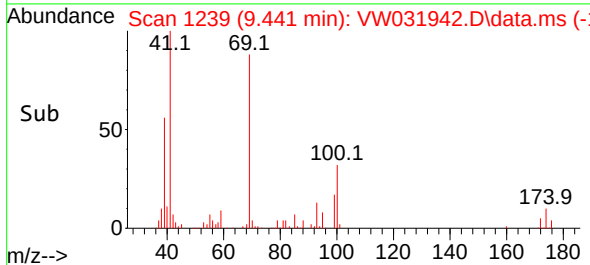
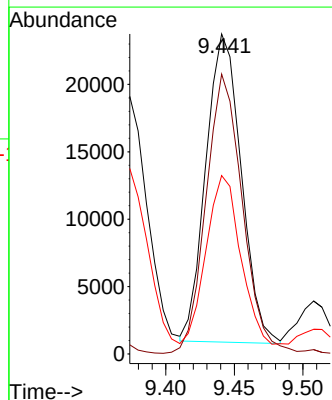
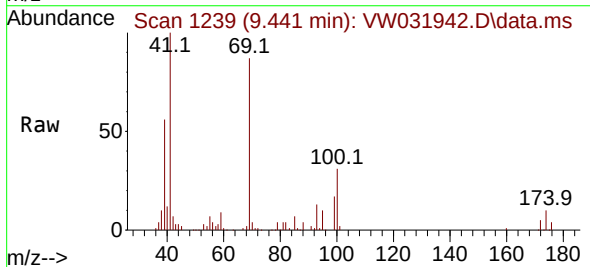
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

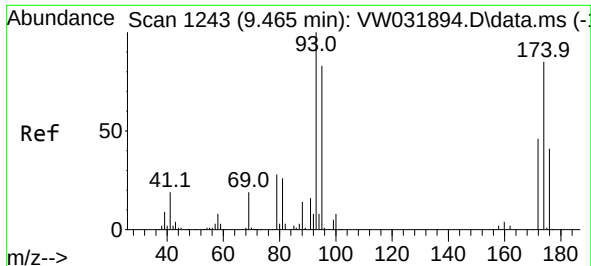
Tgt Ion: 83 Resp: 89753
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0
127 7.0 6.5 9.7



#48
Methyl methacrylate
Concen: 22.886 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 41 Resp: 40967
Ion Ratio Lower Upper
41 100
69 93.9 73.6 110.4
39 54.4 45.5 68.3

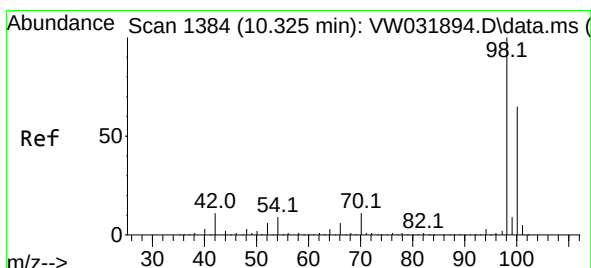
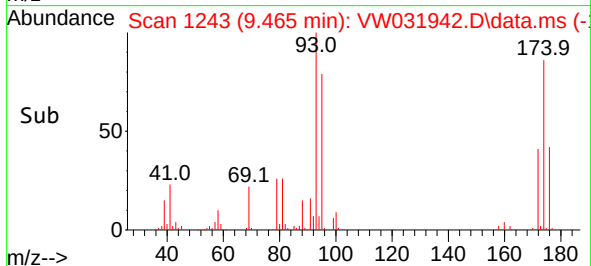
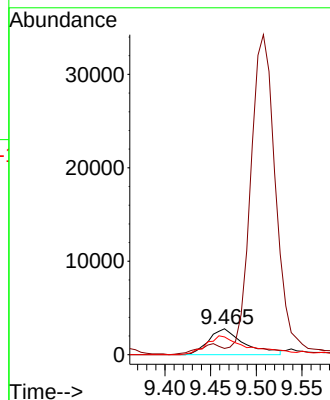
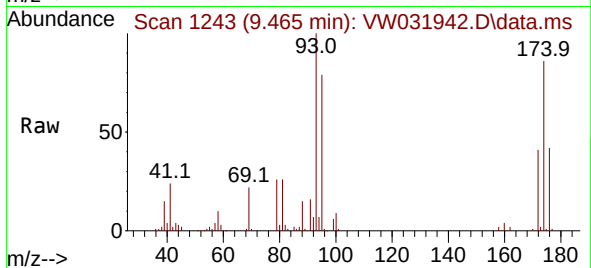




#49
1,4-Dioxane
Concen: 468.068 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

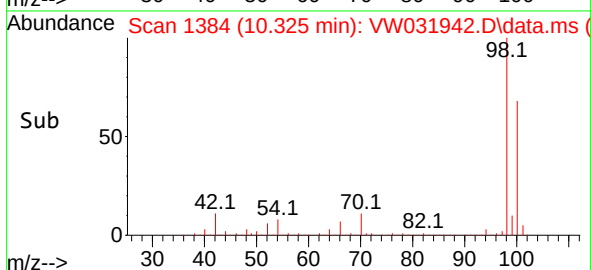
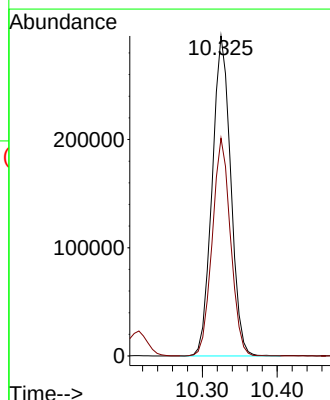
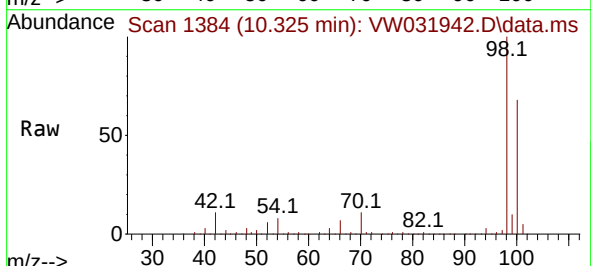
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

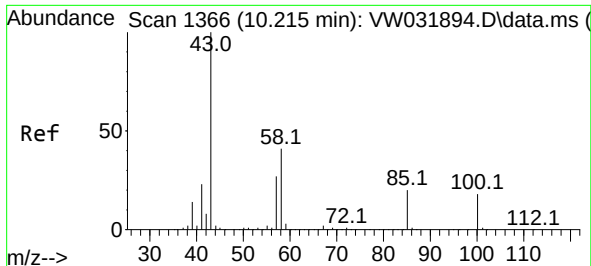
Tgt Ion: 88 Resp: 7520
Ion Ratio Lower Upper
88 100
43 28.7 19.0 28.4#
58 85.1 58.2 87.2



#50
Toluene-d8
Concen: 57.012 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 98 Resp: 511900
Ion Ratio Lower Upper
98 100
100 66.9 51.7 77.5

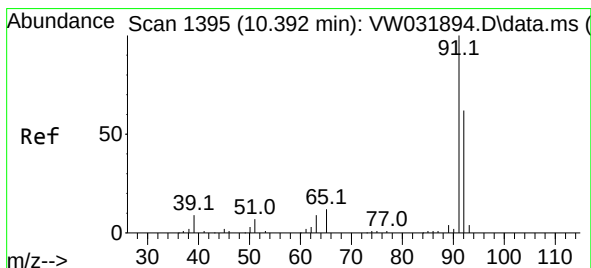
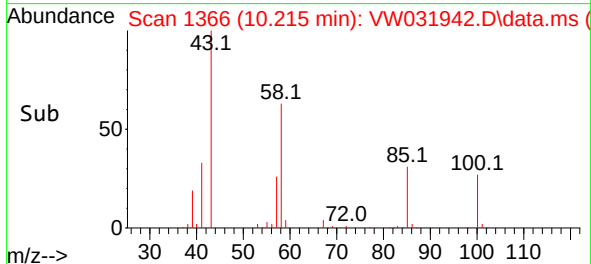
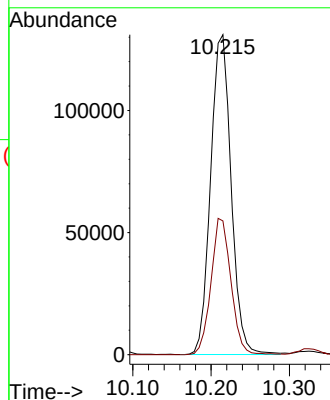
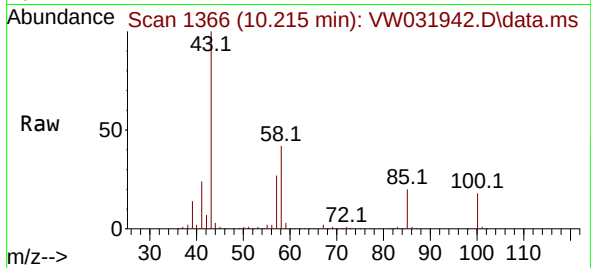




#51
4-Methyl-2-Pentanone
Concen: 115.786 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

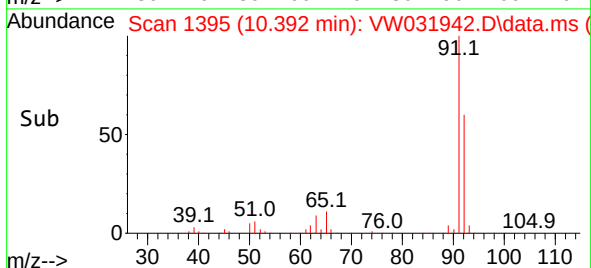
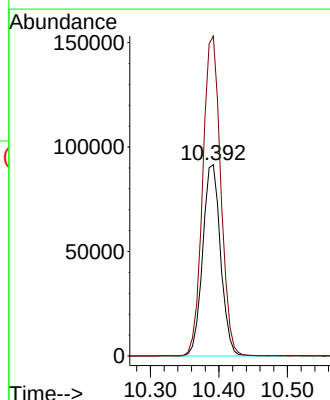
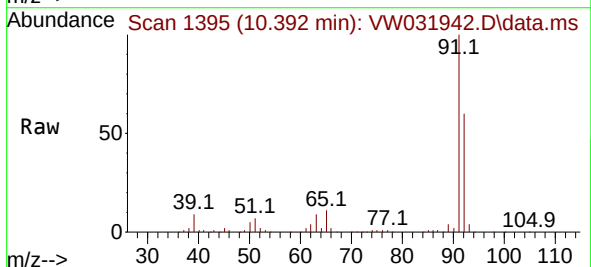
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

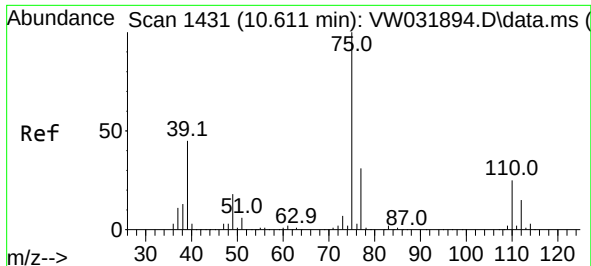
Tgt Ion: 43 Resp: 238418
Ion Ratio Lower Upper
43 100
58 41.5 32.8 49.2



#52
Toluene
Concen: 23.995 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 92 Resp: 166357
Ion Ratio Lower Upper
92 100
91 168.3 133.7 200.5

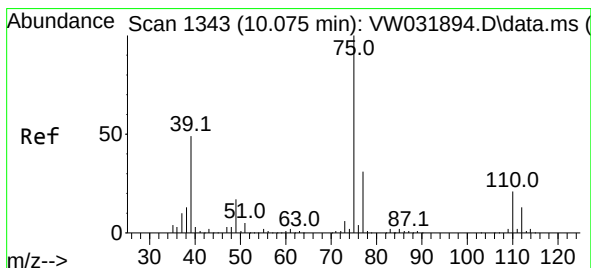
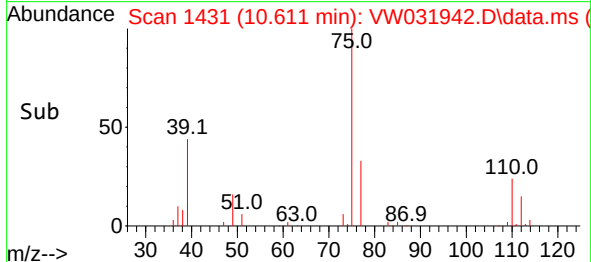
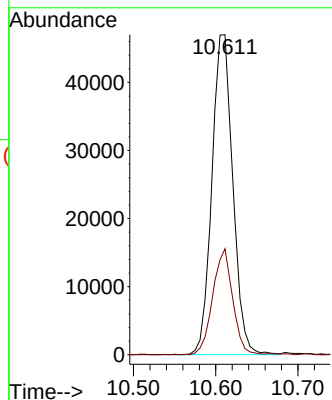
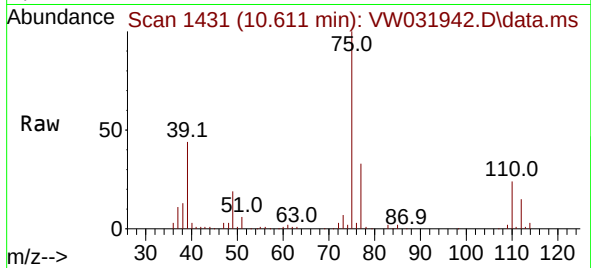




#53
 t-1,3-Dichloropropene
 Concen: 22.426 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

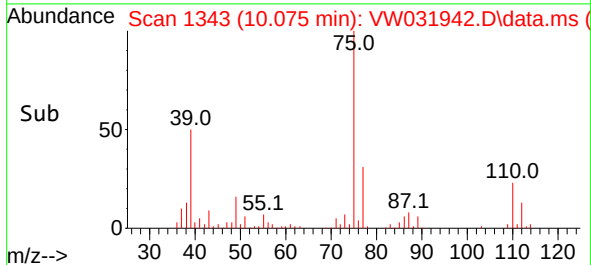
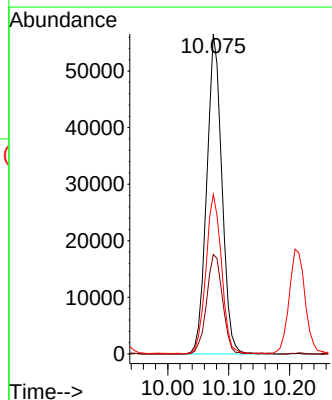
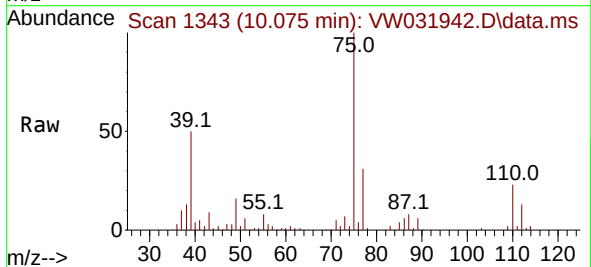
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

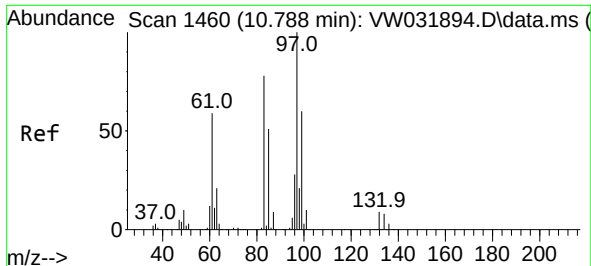
Tgt Ion: 75 Resp: 83057
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.141 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031942.D
 Acq: 28 Jul 2025 13:38

Tgt Ion: 75 Resp: 97873
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7
 39 49.7 39.3 58.9

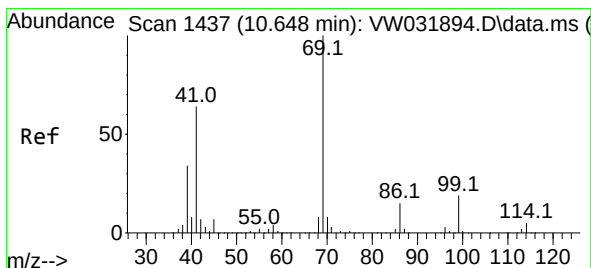
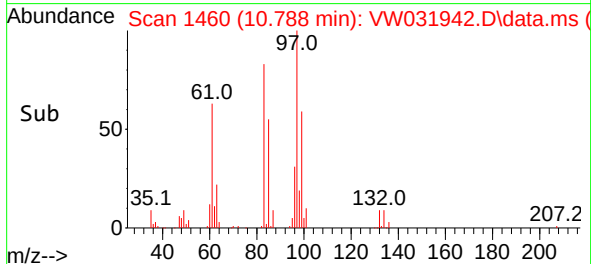
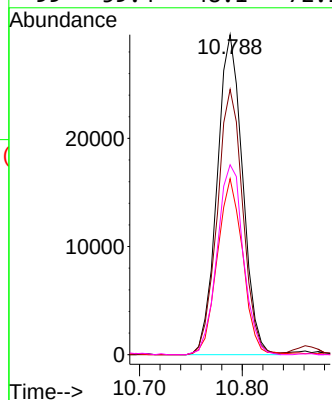
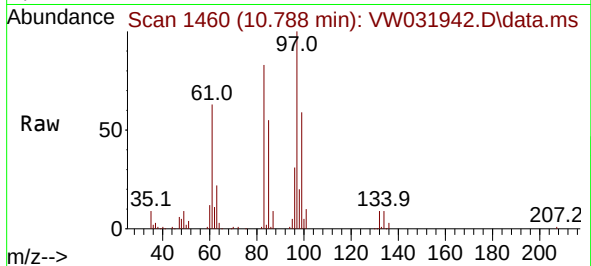




#55
1,1,2-Trichloroethane
Concen: 23.846 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

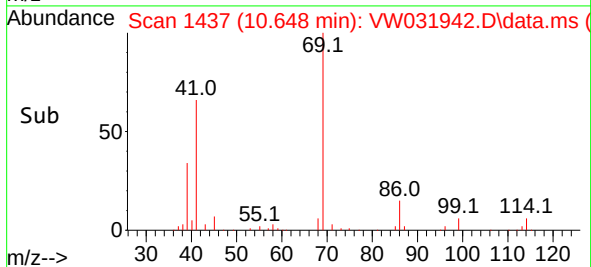
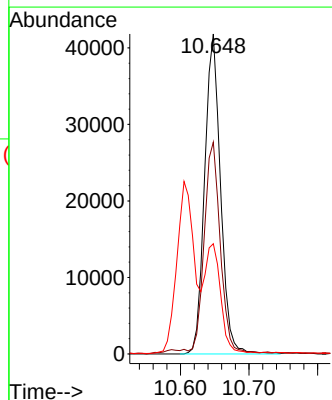
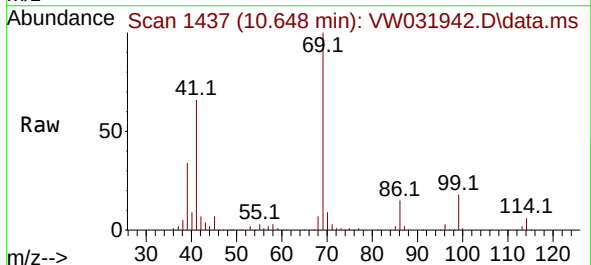
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

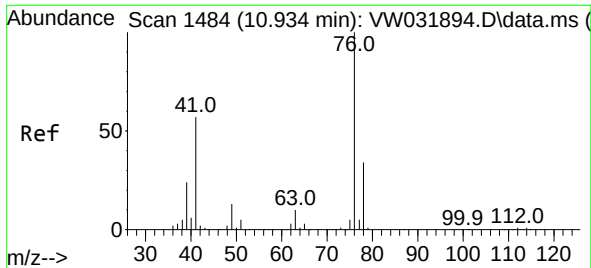
Tgt Ion:	97	Resp:	51001
Ion	Ratio	Lower	Upper
97	100		
83	82.9	62.4	93.6
85	55.0	41.0	61.6
99	59.4	48.1	72.1



#56
Ethyl methacrylate
Concen: 22.388 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:	69	Resp:	67624
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.0	78.0
39	32.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 23.701 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

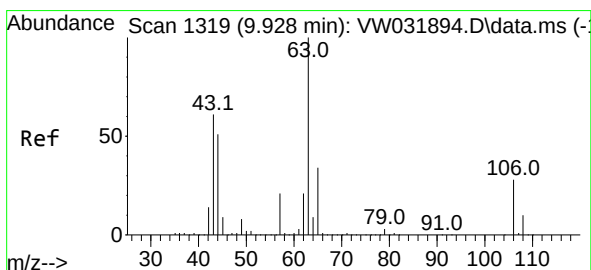
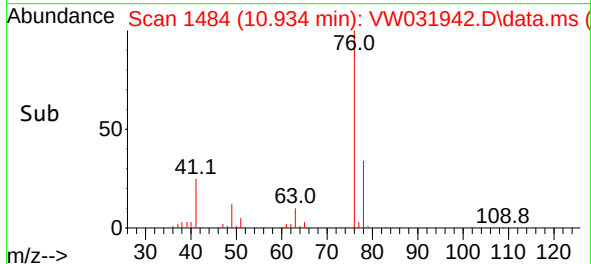
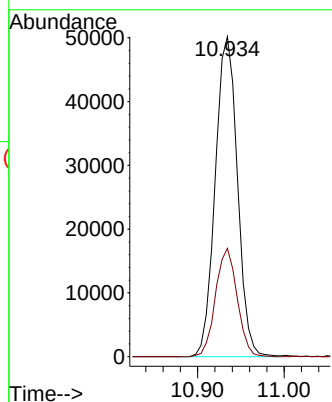
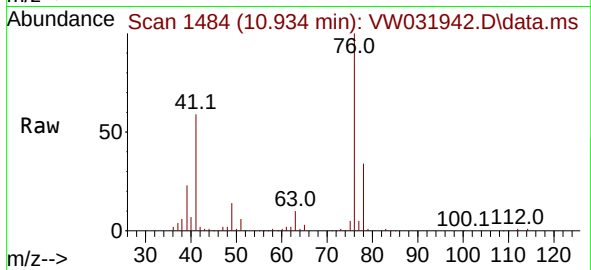
VW0728SBSD01

Tgt Ion: 76 Resp: 89302

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 114.758 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031942.D

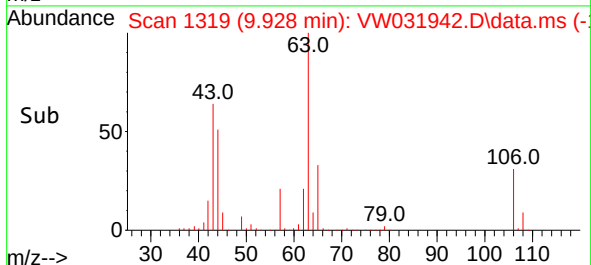
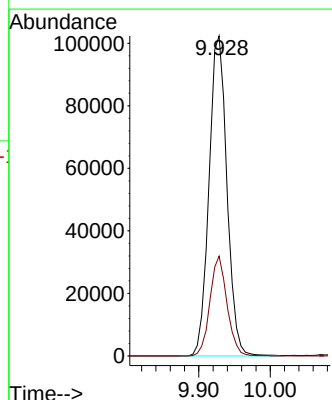
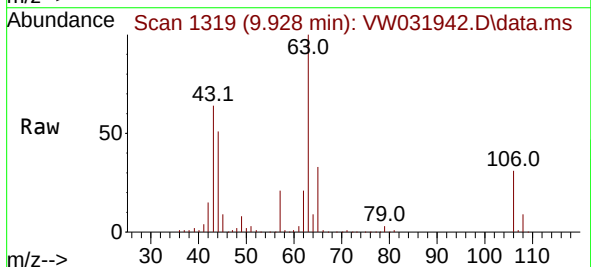
Acq: 28 Jul 2025 13:38

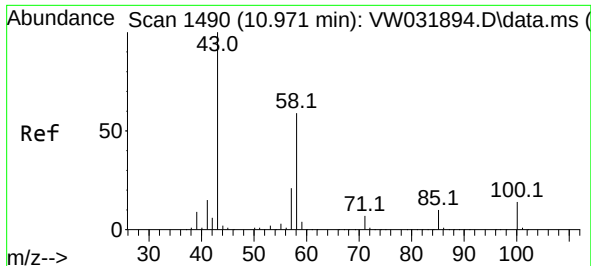
Tgt Ion: 63 Resp: 178048

Ion Ratio Lower Upper

63 100

106 29.7 22.7 34.1

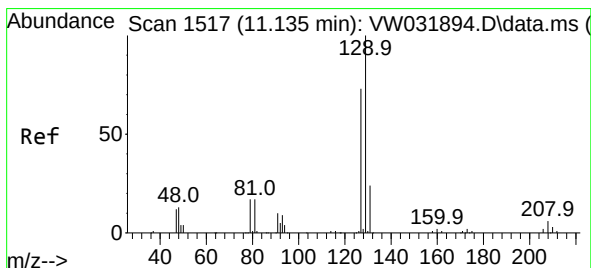
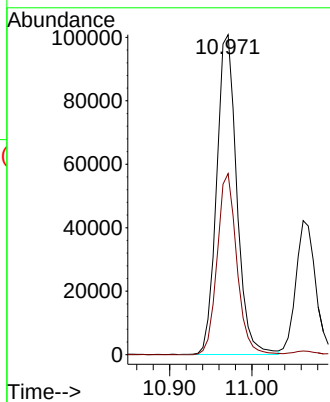
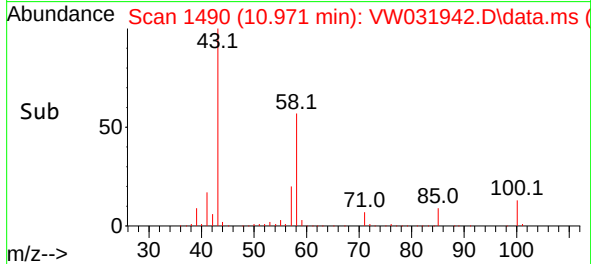
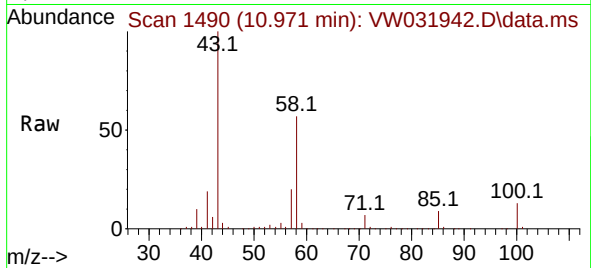




#59
2-Hexanone
Concen: 119.929 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

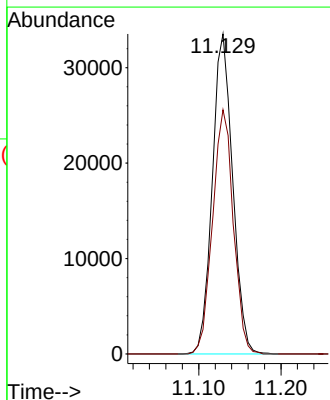
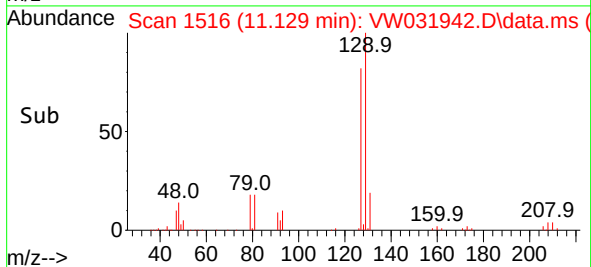
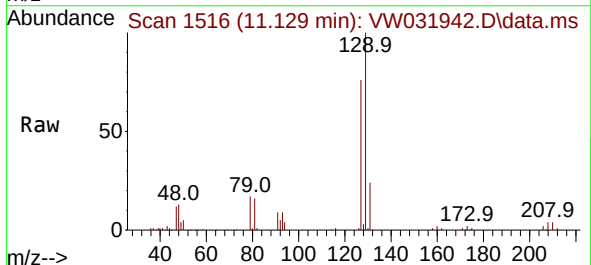
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

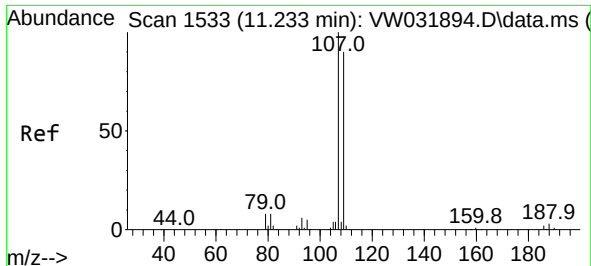
Tgt Ion: 43 Resp: 171654
Ion Ratio Lower Upper
43 100
58 55.3 28.5 85.6



#60
Dibromochloromethane
Concen: 23.145 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:129 Resp: 57715
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8

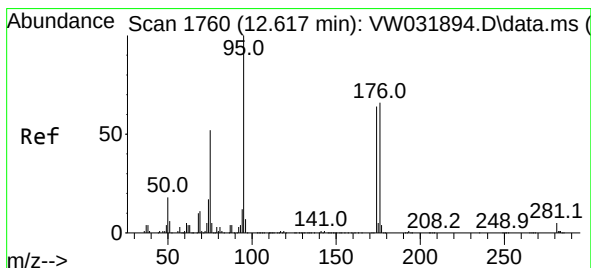
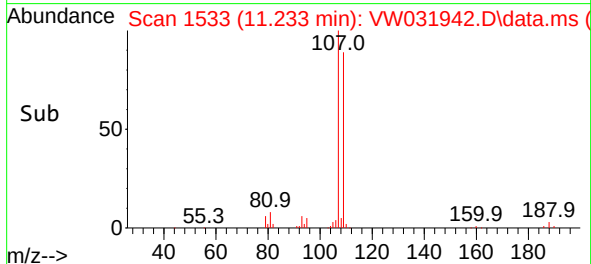
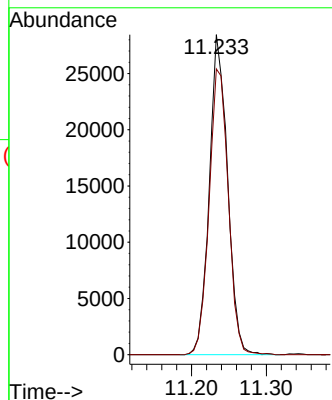
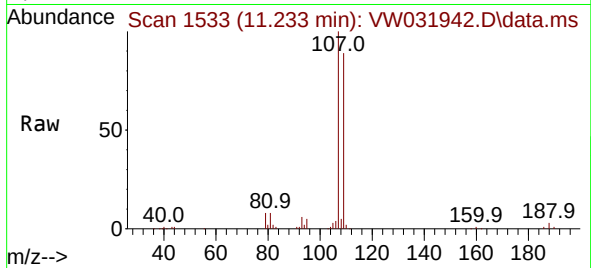




#61
1,2-Dibromoethane
Concen: 22.777 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

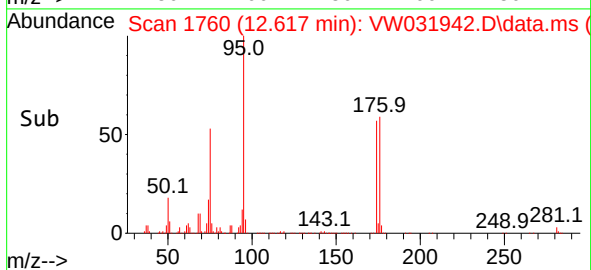
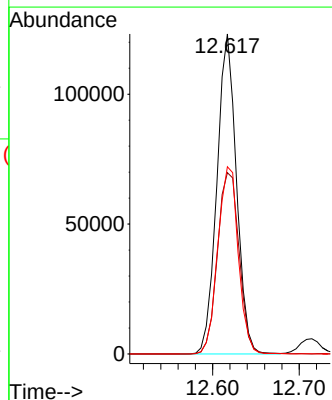
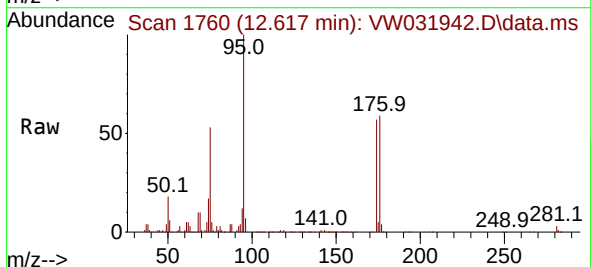
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

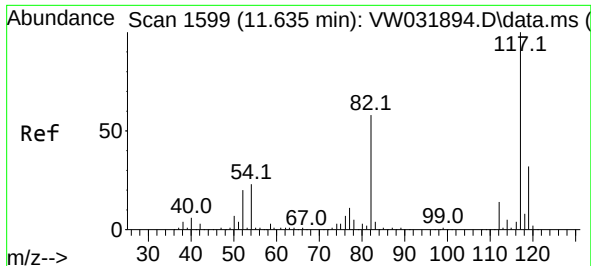
Tgt Ion:107 Resp: 48136
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.057 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 95 Resp: 193265
Ion Ratio Lower Upper
95 100
174 62.9 0.0 129.8
176 61.5 0.0 130.4

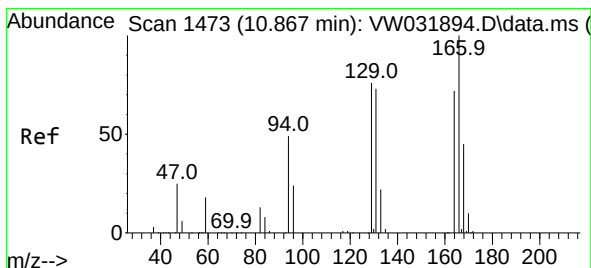
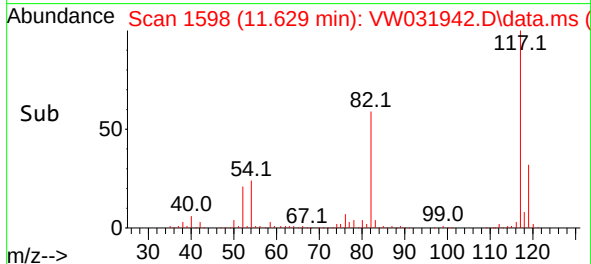
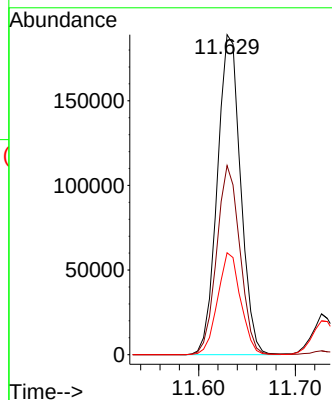
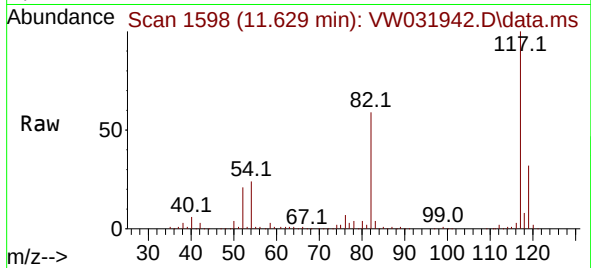




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

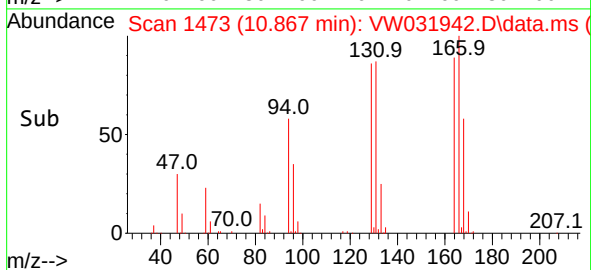
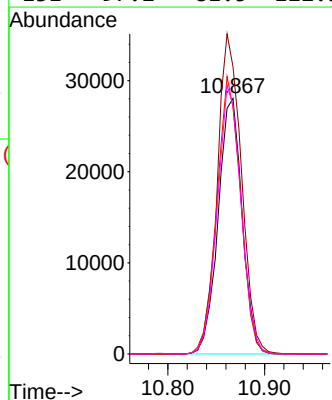
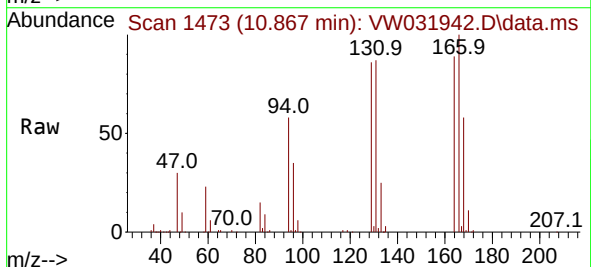
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

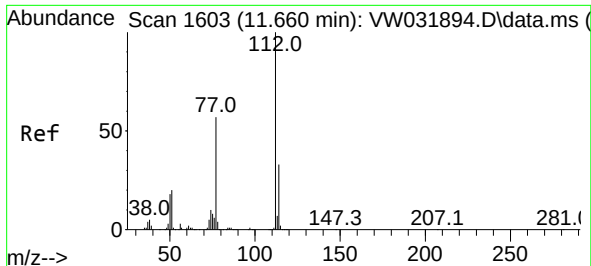
Tgt Ion:117 Resp: 315776
Ion Ratio Lower Upper
117 100
82 59.1 46.5 69.7
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 23.140 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:164 Resp: 48176
Ion Ratio Lower Upper
164 100
166 112.4 111.5 167.3
129 96.3 85.1 127.7
131 97.2 81.5 122.3

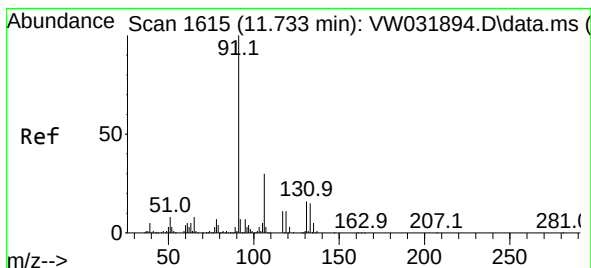
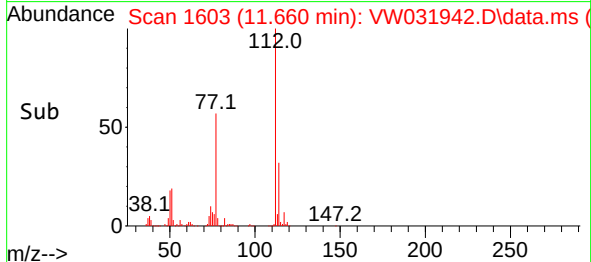
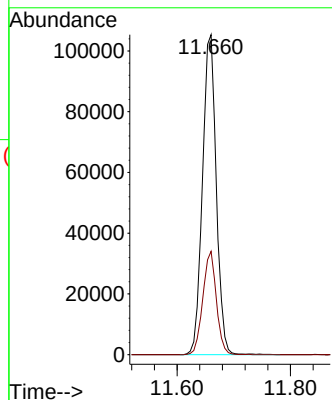
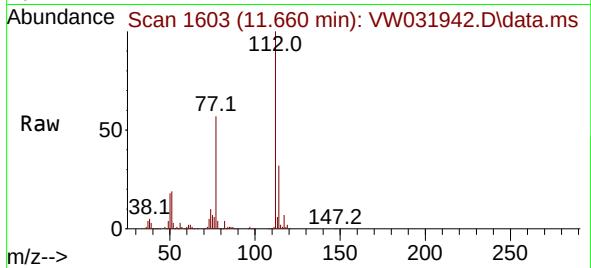




#65
Chlorobenzene
Concen: 23.027 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

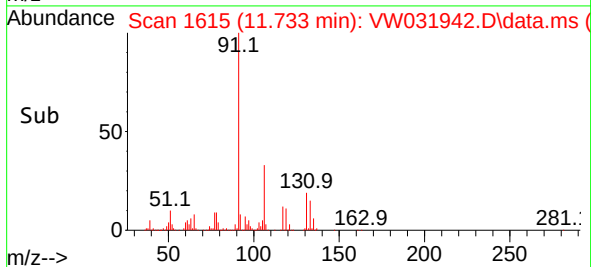
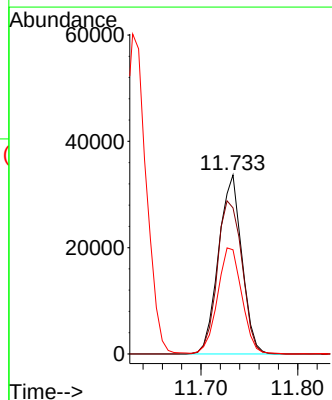
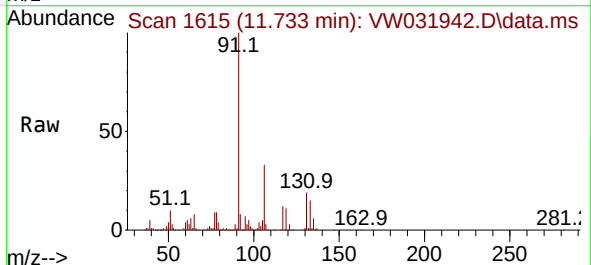
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

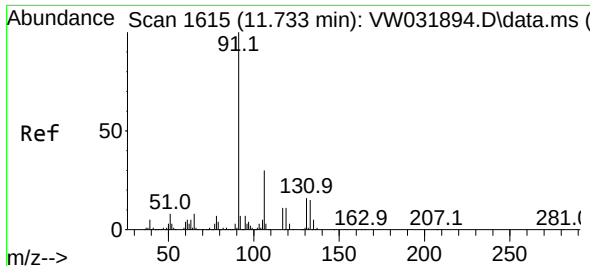
Tgt Ion:112 Resp: 177961
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.544 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:131 Resp: 56409
Ion Ratio Lower Upper
131 100
133 91.6 48.1 144.4
119 62.1 33.7 101.1

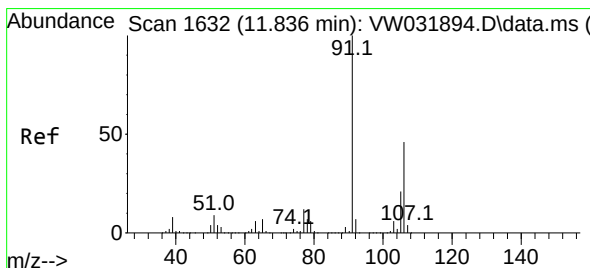
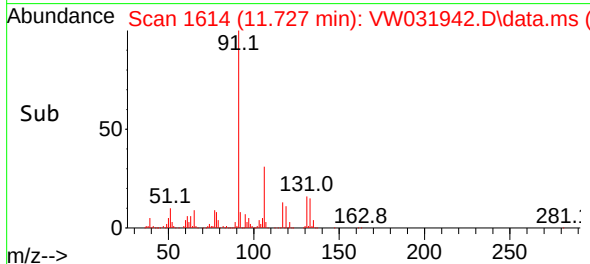
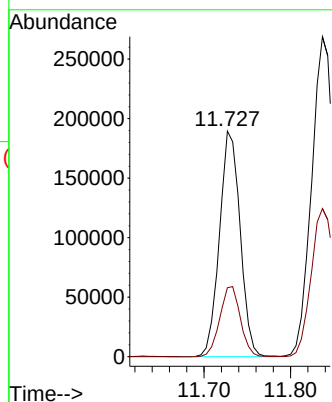
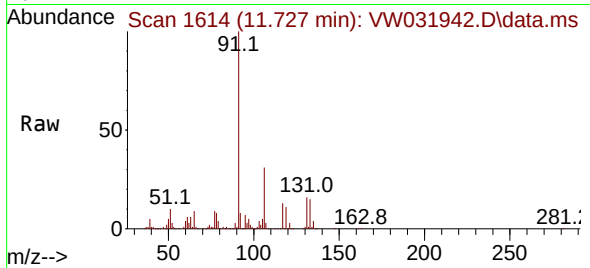




#67
Ethyl Benzene
Concen: 23.150 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

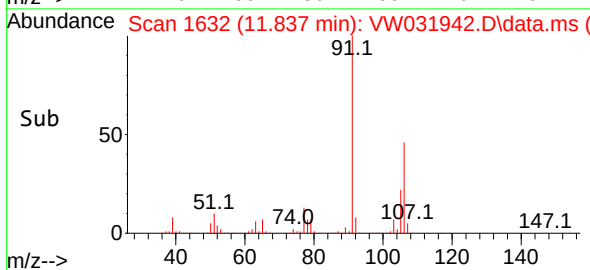
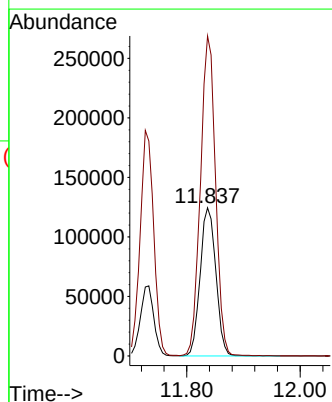
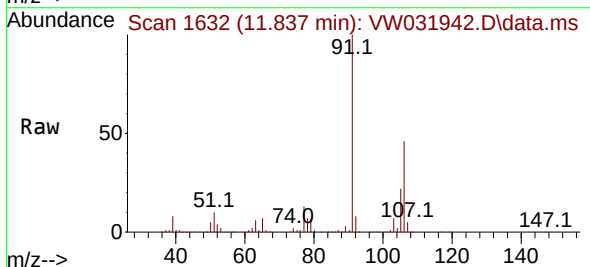
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

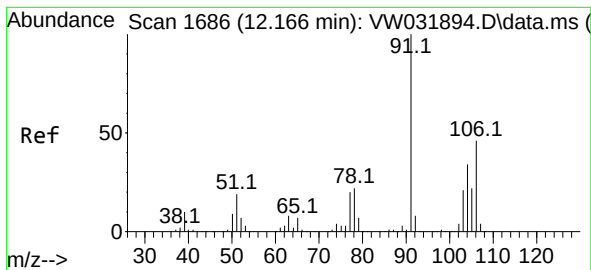
Tgt Ion: 91 Resp: 314355
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 46.710 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:106 Resp: 238776
Ion Ratio Lower Upper
106 100
91 208.1 167.7 251.5

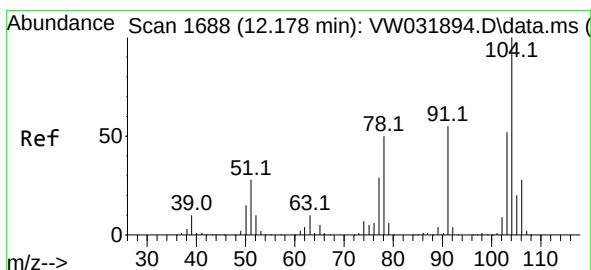
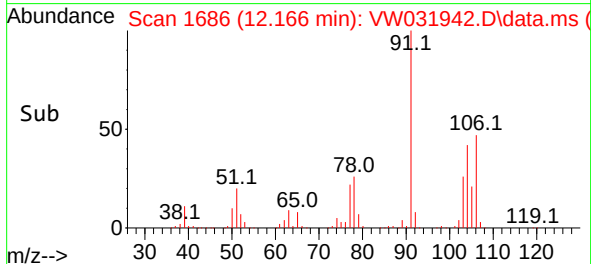
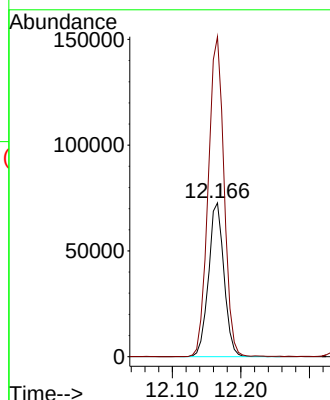
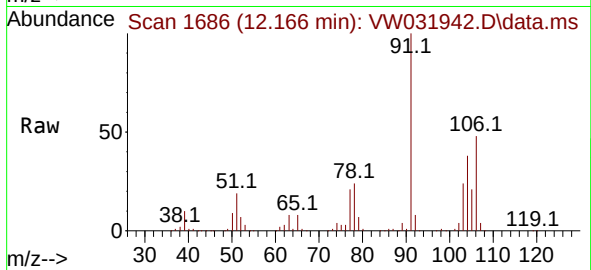




#69
o-Xylene
Concen: 23.604 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

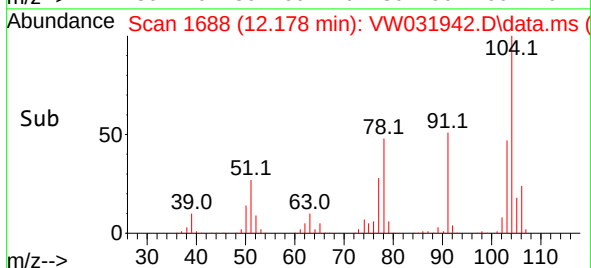
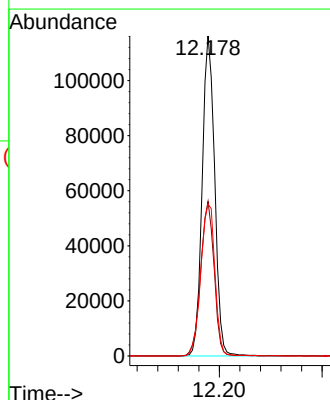
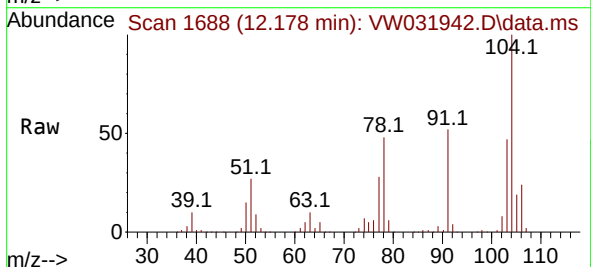
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

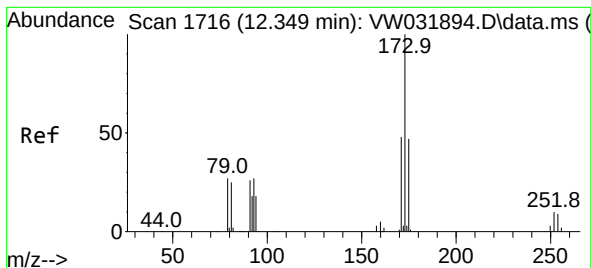
Tgt Ion:106 Resp: 114191
Ion Ratio Lower Upper
106 100
91 212.4 108.2 324.6



#70
Styrene
Concen: 23.787 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:104 Resp: 195923
Ion Ratio Lower Upper
104 100
78 51.7 42.2 63.4
103 53.7 42.8 64.2





#71

Bromoform

Concen: 22.254 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

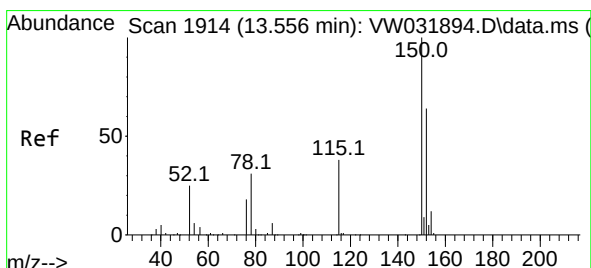
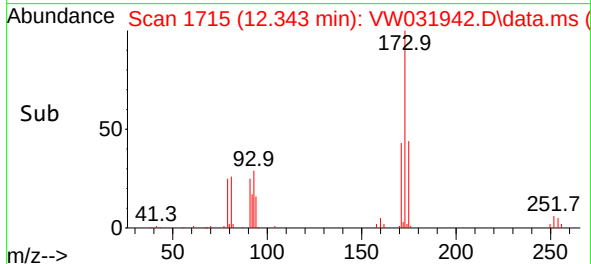
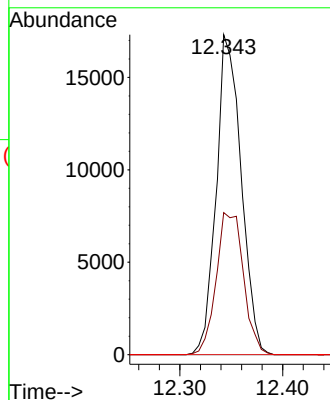
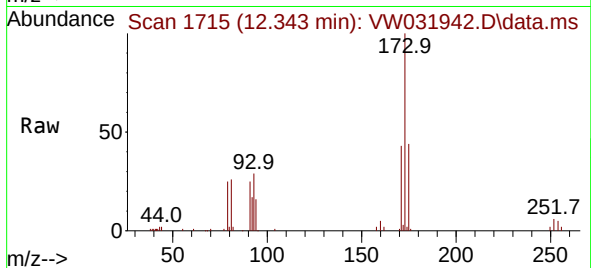
Tgt Ion:173 Resp: 29160

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

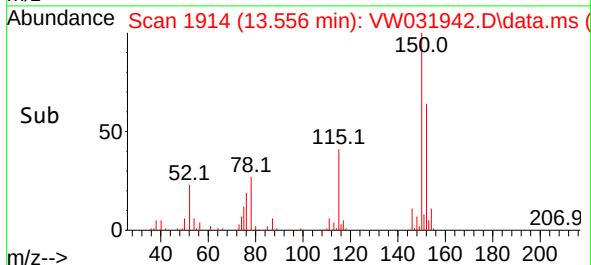
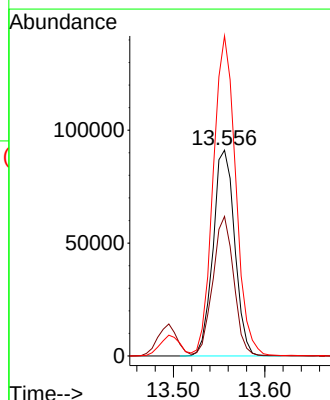
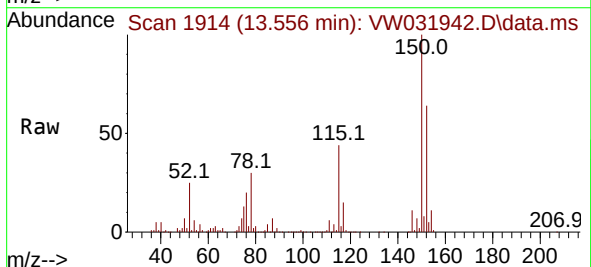
Tgt Ion:152 Resp: 150028

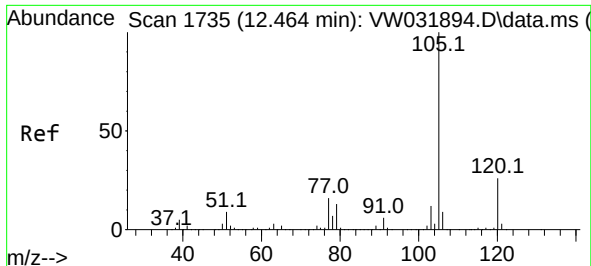
Ion Ratio Lower Upper

152 100

115 65.4 33.4 100.1

150 161.7 0.0 352.2

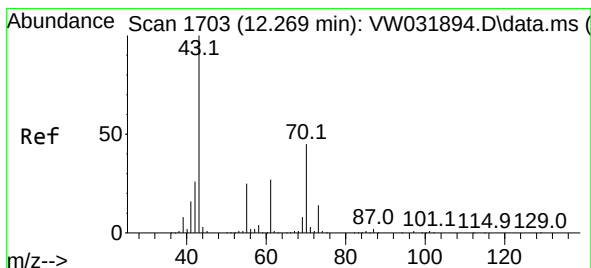
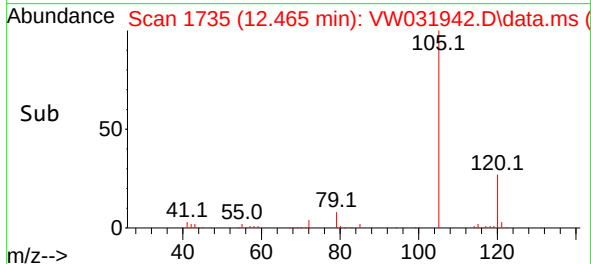
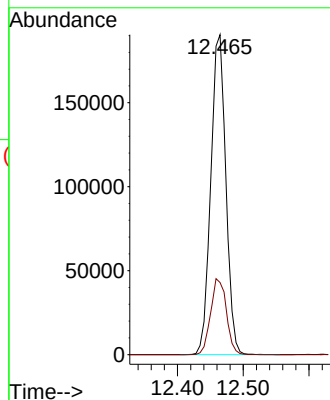
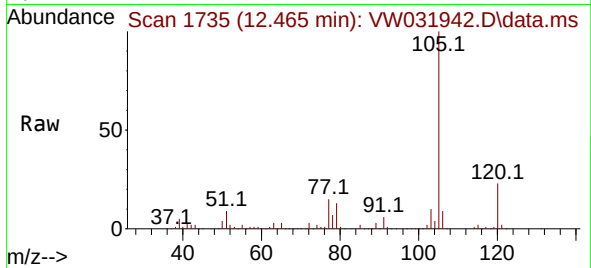




#73
Isopropylbenzene
Concen: 23.331 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

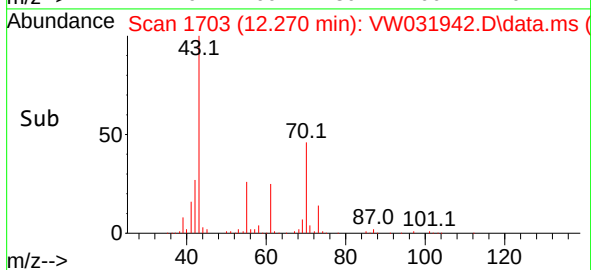
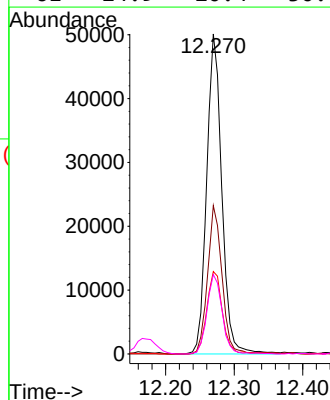
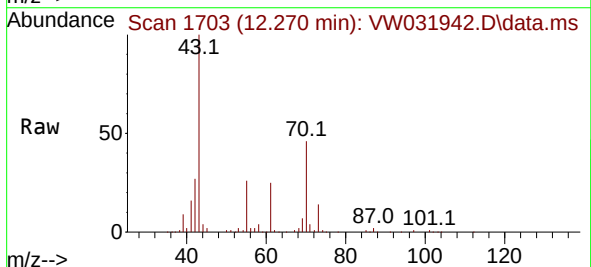
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

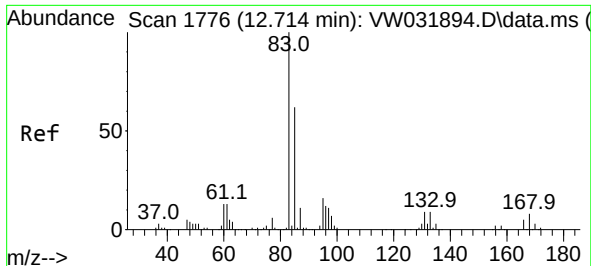
Tgt Ion:105 Resp: 303708
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8



#74
N-ethyl acetate
Concen: 21.914 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 43 Resp: 77118
Ion Ratio Lower Upper
43 100
70 44.0 36.6 55.0
55 27.0 20.7 31.1
61 24.9 20.4 30.6

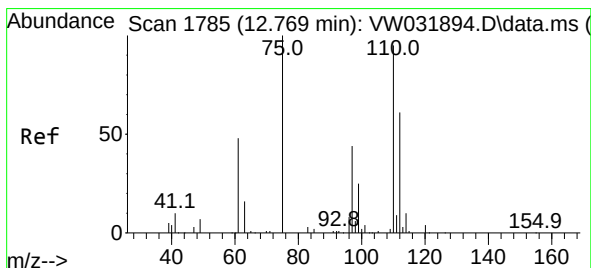
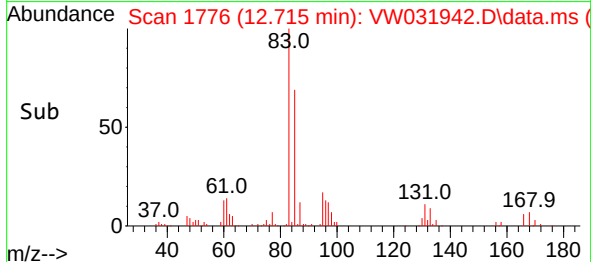
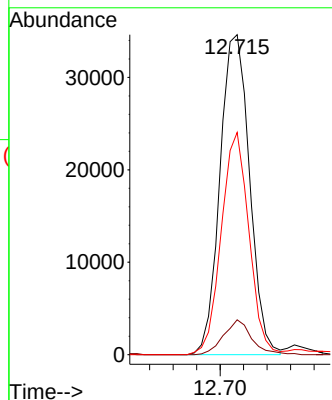
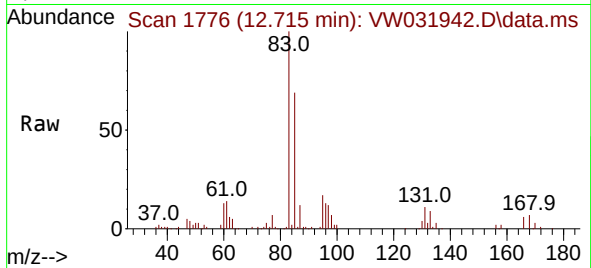




#75
1,1,2,2-Tetrachloroethane
Concen: 21.923 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

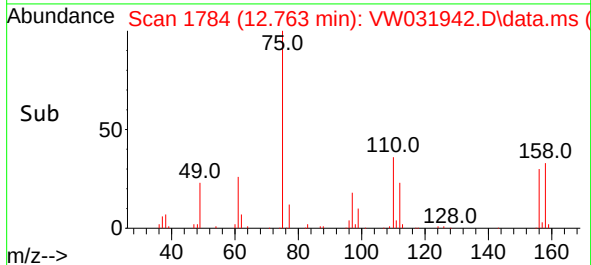
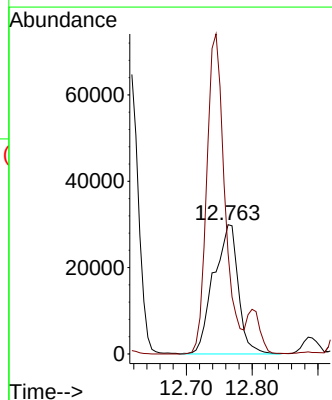
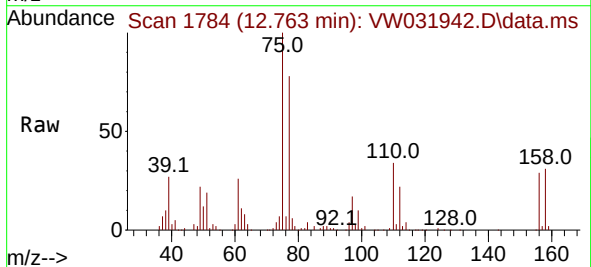
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

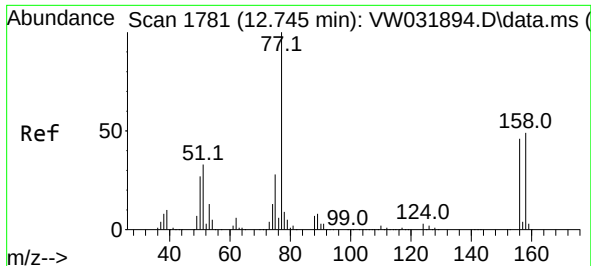
Tgt Ion: 83 Resp: 60575
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 37.675 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 75 Resp: 78039
Ion Ratio Lower Upper
75 100
77 182.2 0.0 0.0#

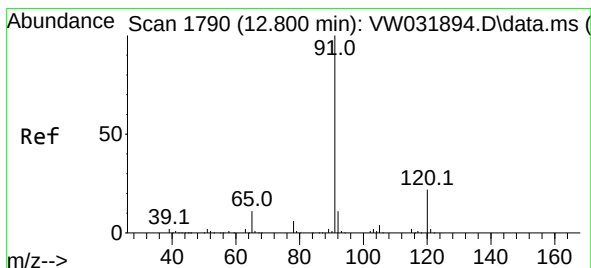
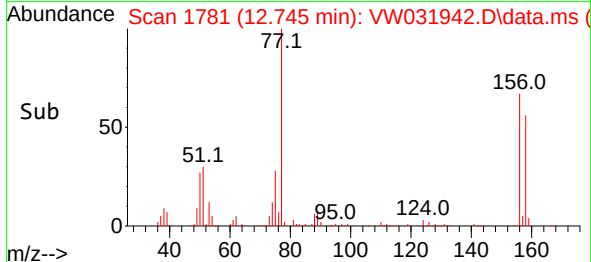
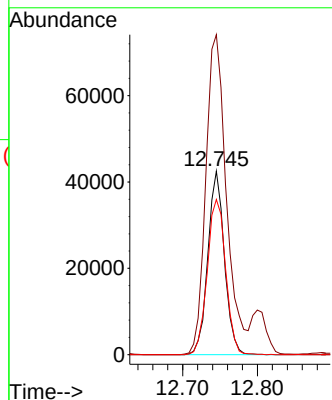
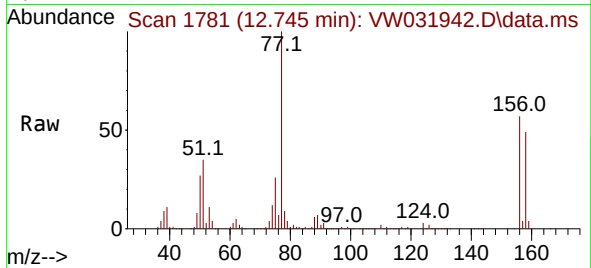




#77
Bromobenzene
Concen: 23.218 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

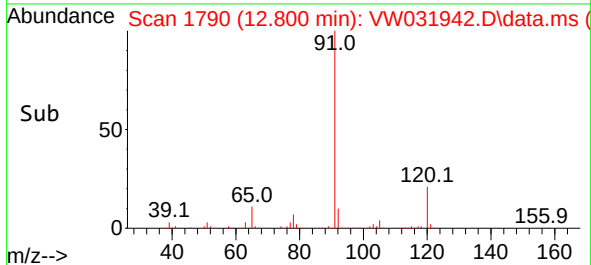
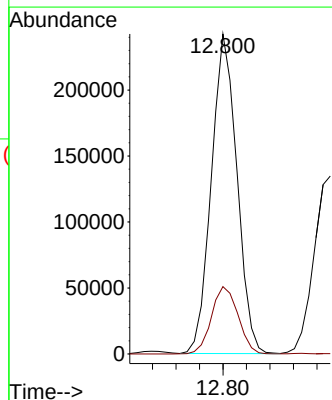
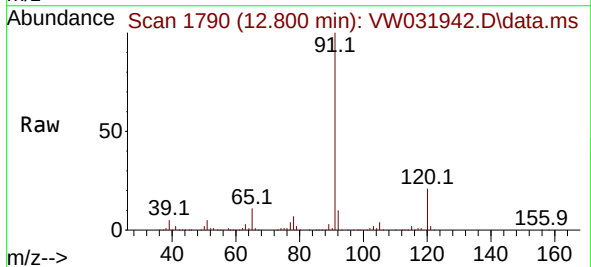
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

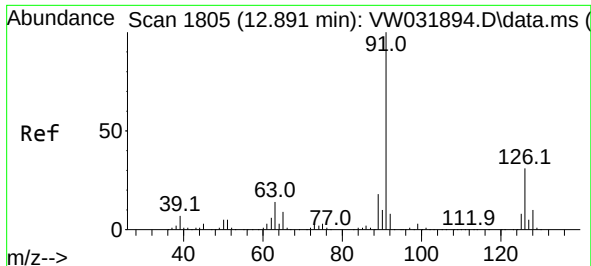
Tgt Ion:156 Resp: 65393
Ion Ratio Lower Upper
156 100
77 217.5 115.3 345.8
158 93.9 50.1 150.3



#78
n-propylbenzene
Concen: 22.932 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 91 Resp: 366631
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6

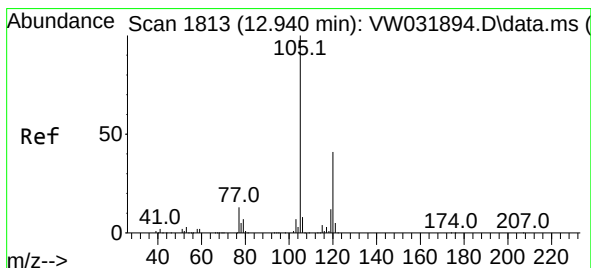
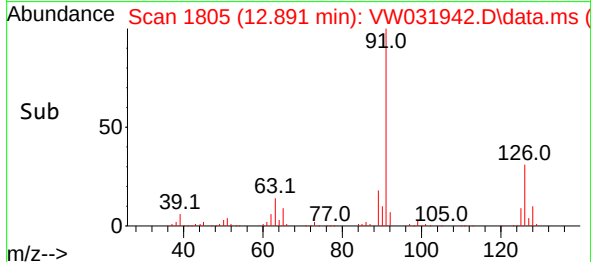
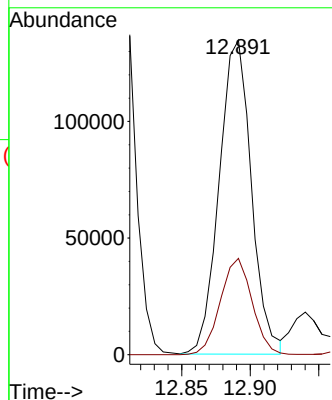
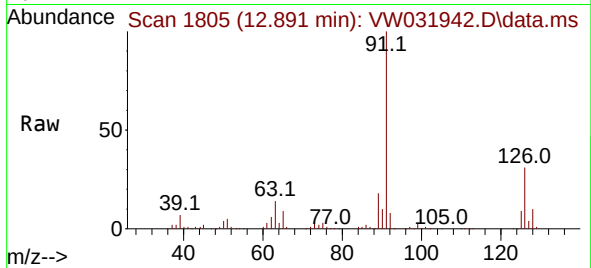




#79
2-Chlorotoluene
Concen: 23.046 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

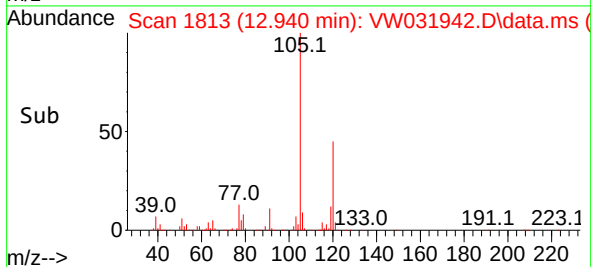
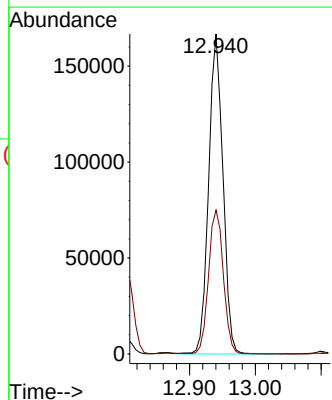
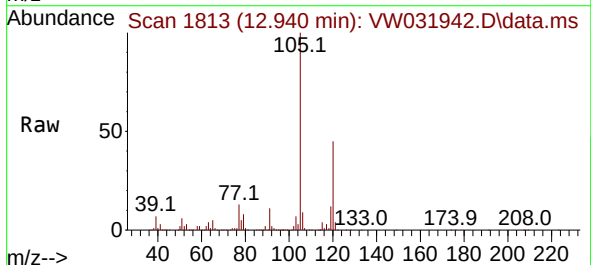
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

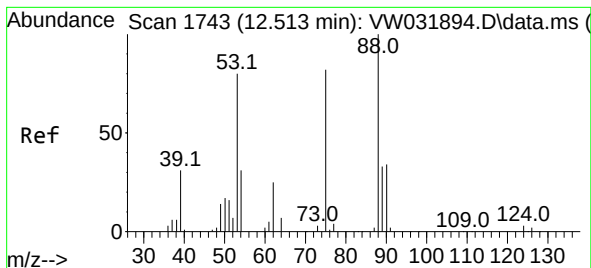
Tgt Ion: 91 Resp: 219987
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 23.054 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 105 Resp: 251694
Ion Ratio Lower Upper
105 100
120 46.8 23.5 70.5

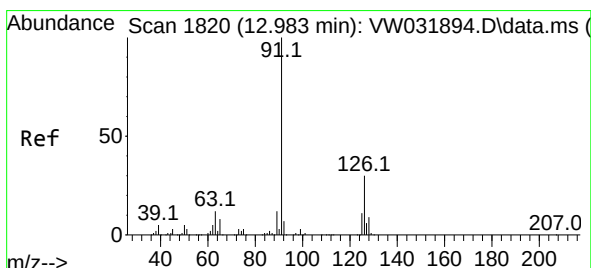
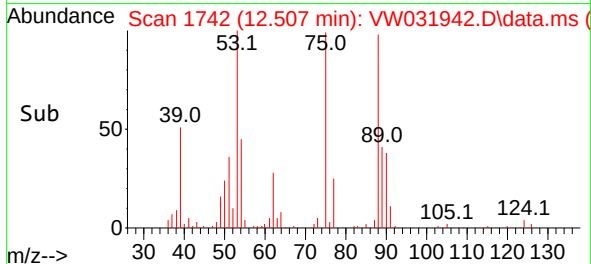
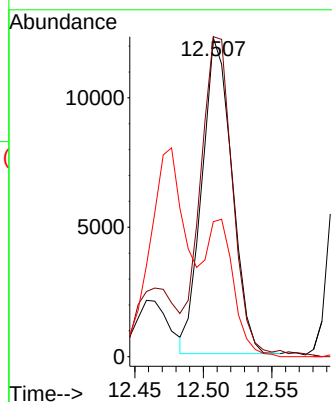
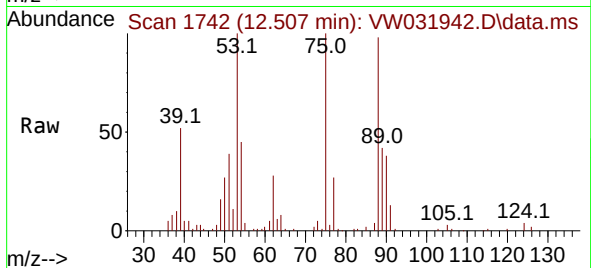




#81
trans-1,4-Dichloro-2-butene
Concen: 20.740 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

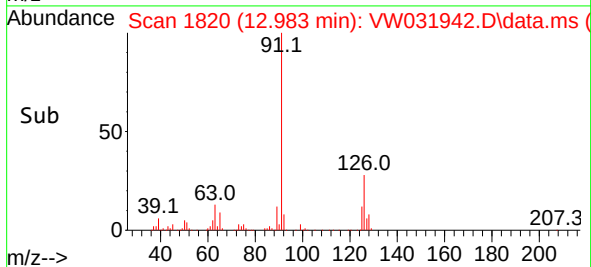
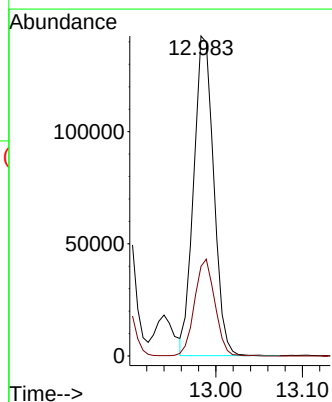
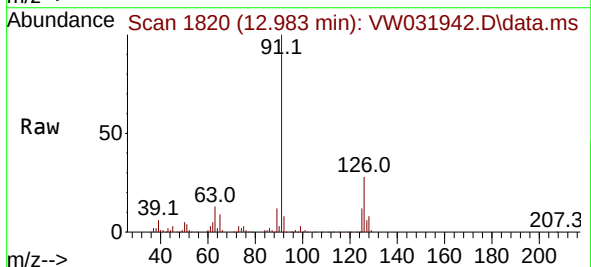
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

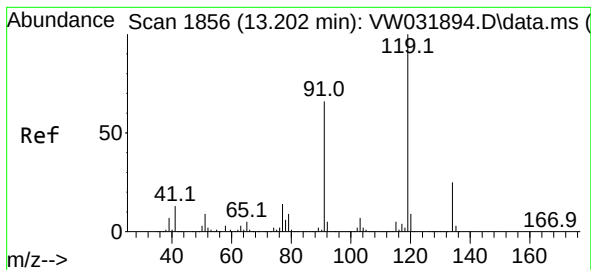
Tgt Ion: 75 Resp: 18608
Ion Ratio Lower Upper
75 100
53 109.9 83.7 125.5
89 41.2 39.0 58.6



#82
4-Chlorotoluene
Concen: 22.808 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion: 91 Resp: 228407
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.3

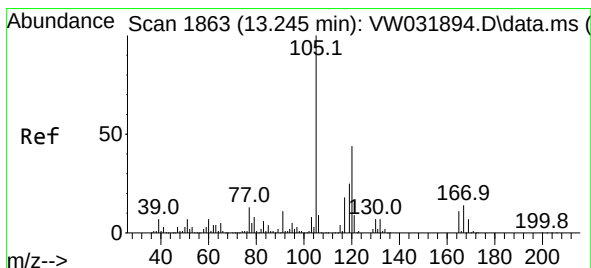
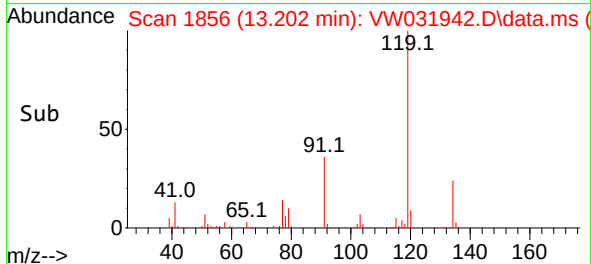
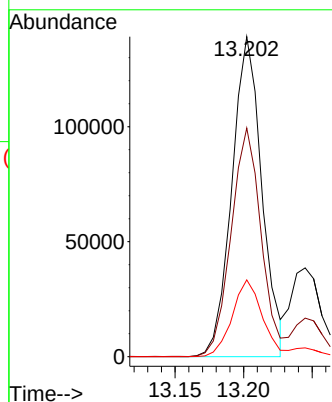
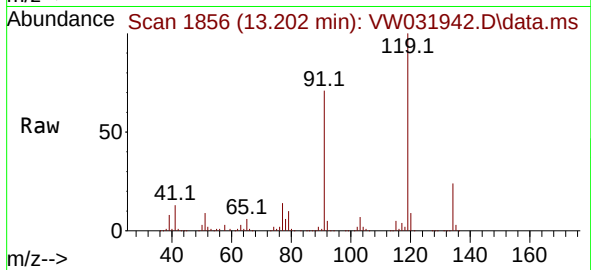




#83
tert-Butylbenzene
Concen: 22.817 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

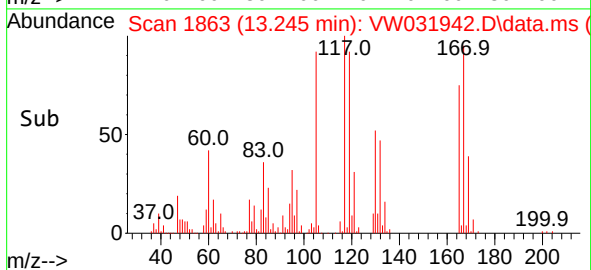
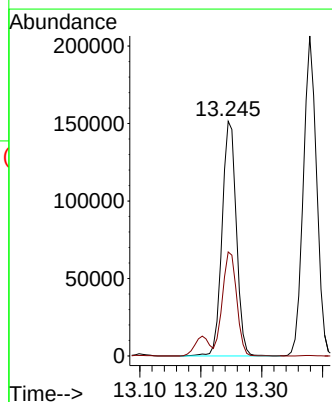
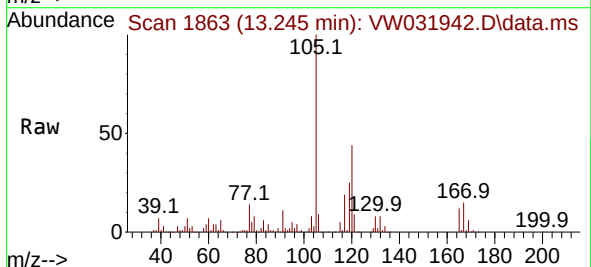
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

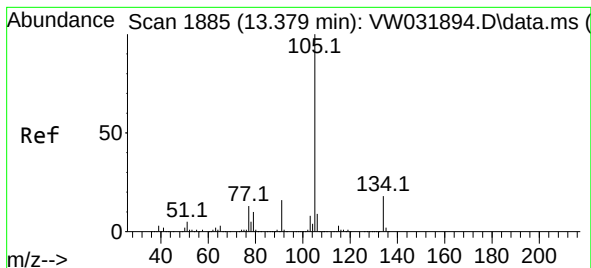
Tgt Ion:119 Resp: 212189
Ion Ratio Lower Upper
119 100
91 70.9 35.5 106.5
134 24.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 22.319 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:105 Resp: 246634
Ion Ratio Lower Upper
105 100
120 44.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 22.365 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

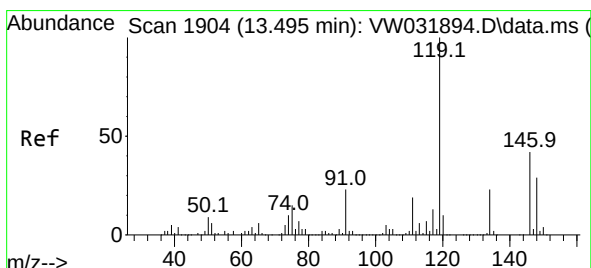
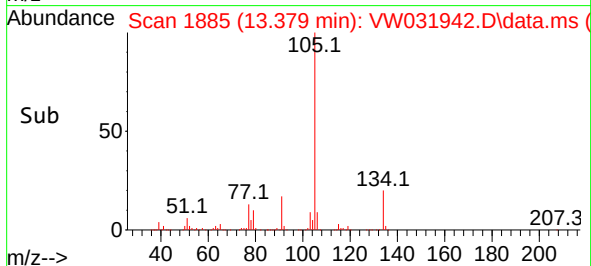
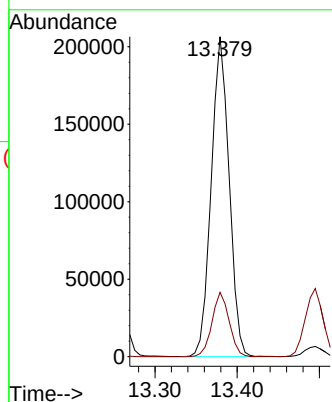
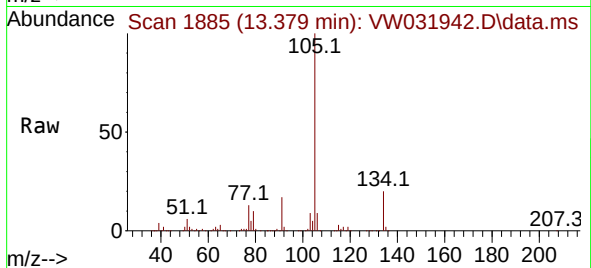
VW0728SBSD01

Tgt Ion:105 Resp: 312345

Ion Ratio Lower Upper

105 100

134 19.4 9.2 27.6



#86

p-Isopropyltoluene

Concen: 23.525 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

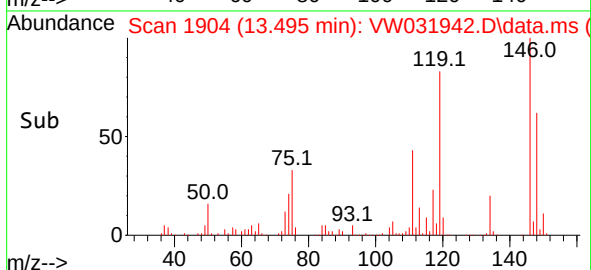
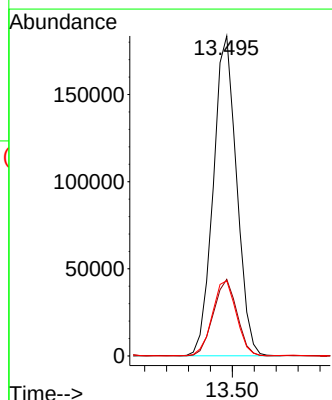
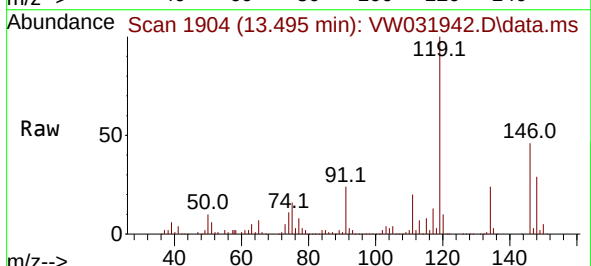
Tgt Ion:119 Resp: 271557

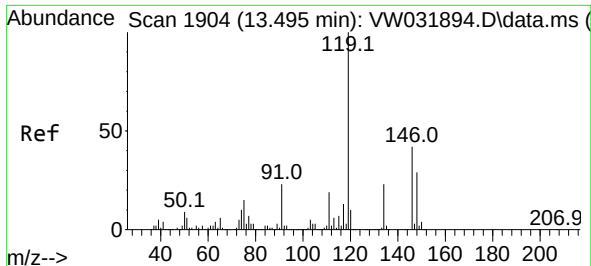
Ion Ratio Lower Upper

119 100

134 24.2 13.0 39.0

91 24.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 22.602 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

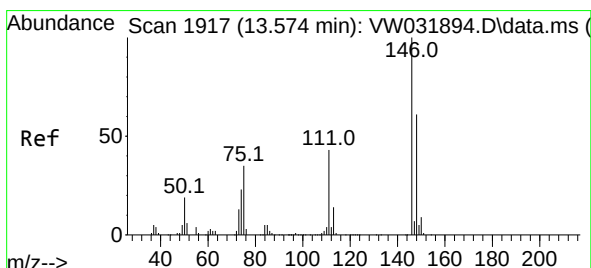
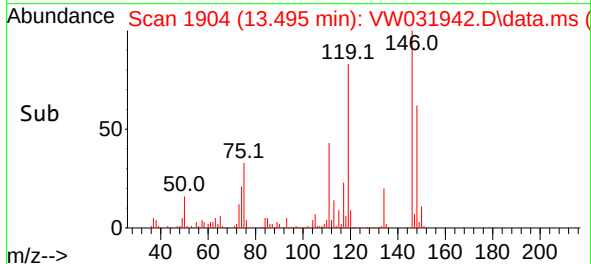
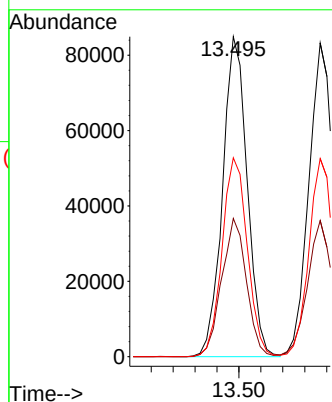
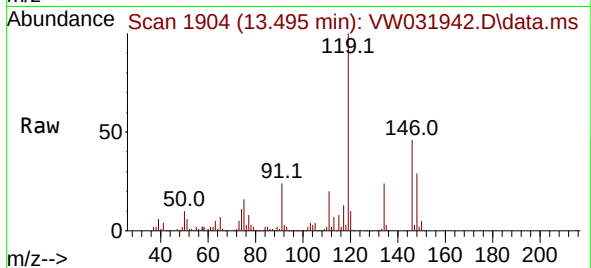
Tgt Ion:146 Resp: 132513

Ion Ratio Lower Upper

146 100

111 43.4 21.9 65.7

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 23.055 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

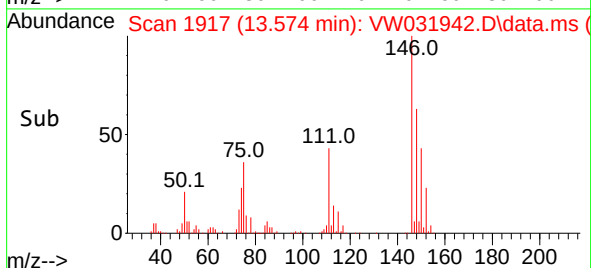
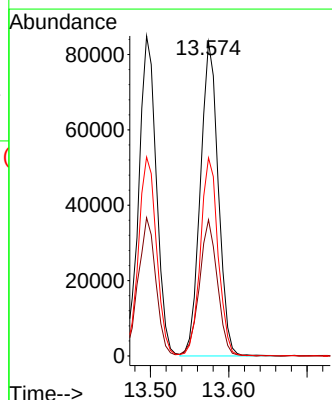
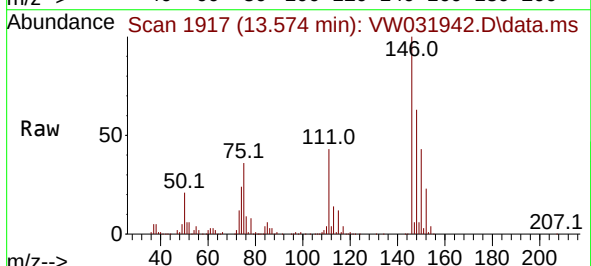
Tgt Ion:146 Resp: 132413

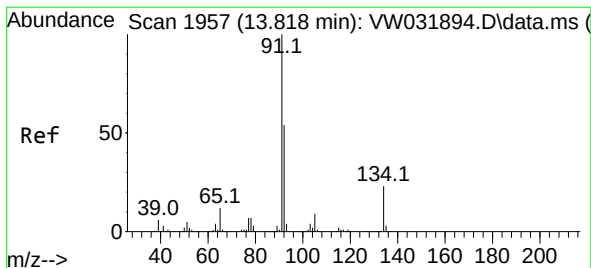
Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

148 62.3 31.8 95.3





#89

n-Butylbenzene

Concen: 22.576 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

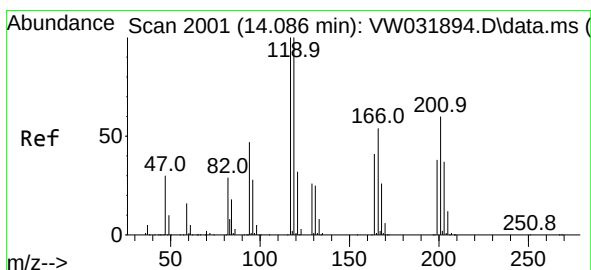
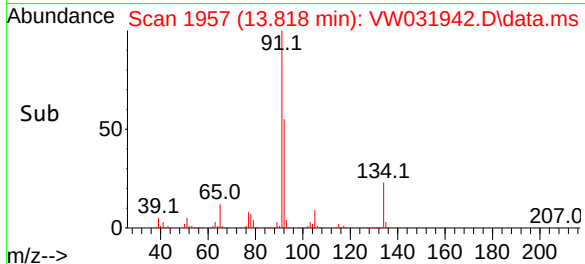
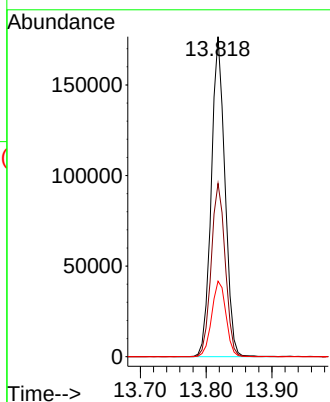
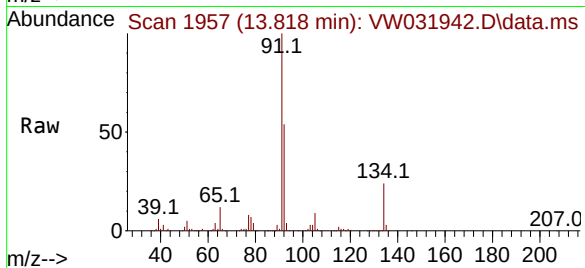
Tgt Ion: 91 Resp: 255649

Ion Ratio Lower Upper

91 100

92 55.5 27.2 81.5

134 24.6 11.6 34.7



#90

Hexachloroethane

Concen: 21.874 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031942.D

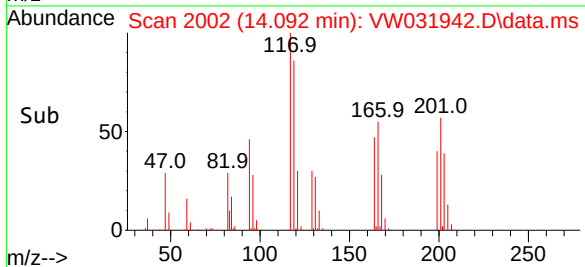
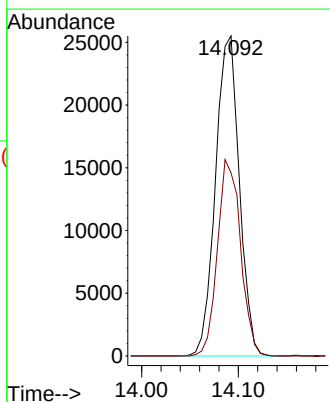
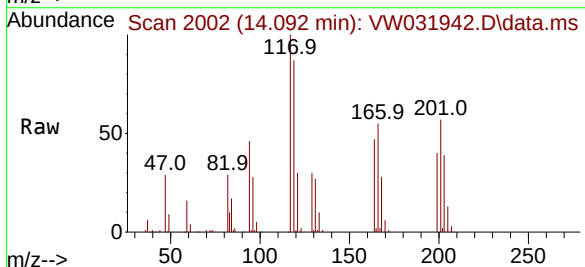
Acq: 28 Jul 2025 13:38

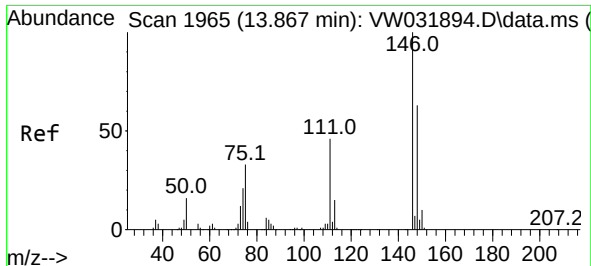
Tgt Ion: 117 Resp: 43661

Ion Ratio Lower Upper

117 100

201 59.4 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 22.337 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

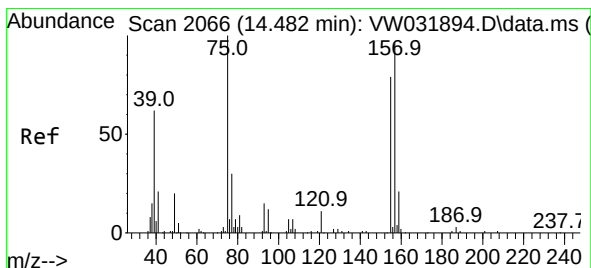
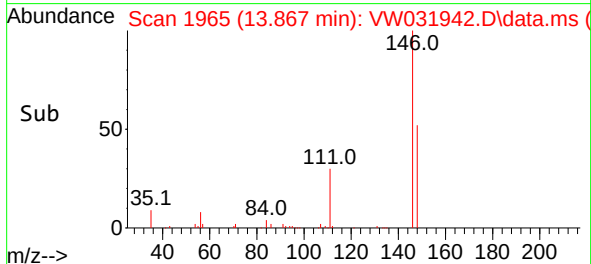
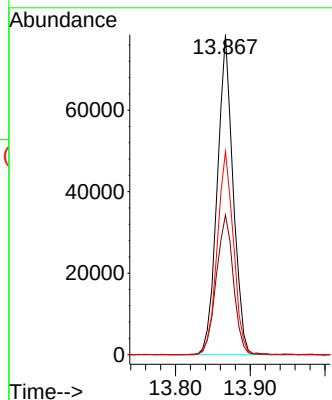
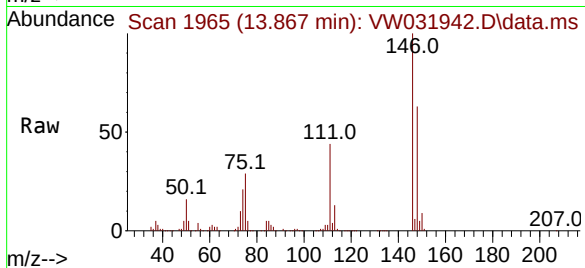
Tgt Ion:146 Resp: 116060

Ion Ratio Lower Upper

146 100

111 46.9 23.6 71.0

148 65.1 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.043 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

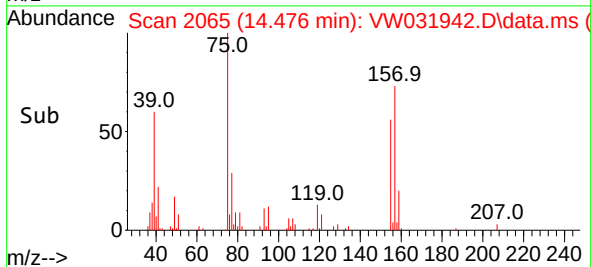
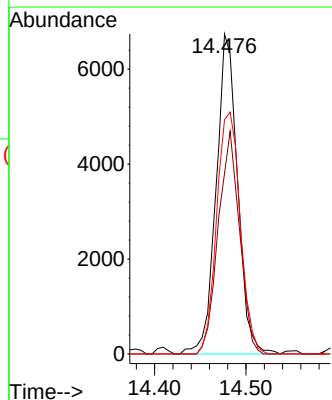
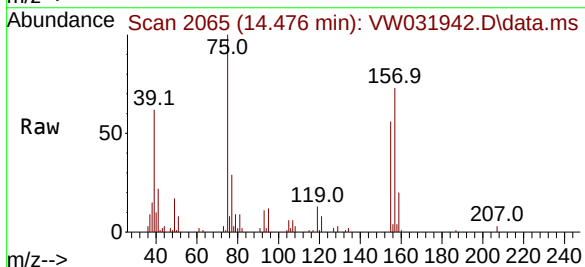
Tgt Ion: 75 Resp: 11004

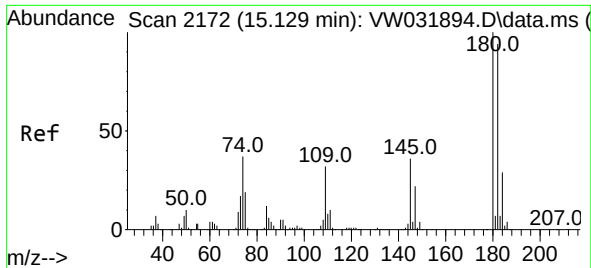
Ion Ratio Lower Upper

75 100

155 69.1 35.9 107.7

157 82.8 47.4 142.2

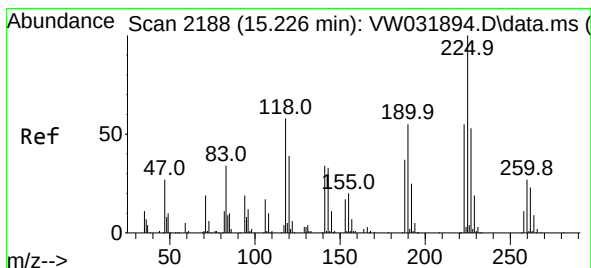
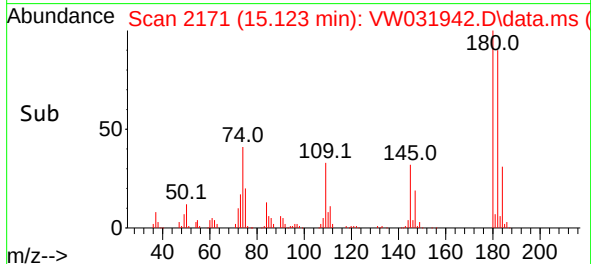
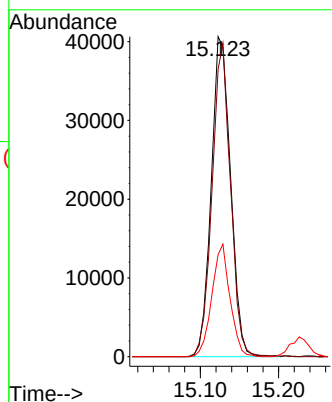
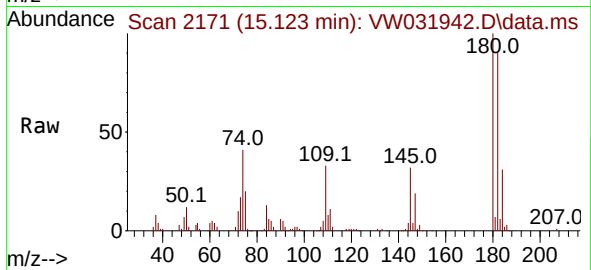




#93
1,2,4-Trichlorobenzene
Concen: 22.235 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

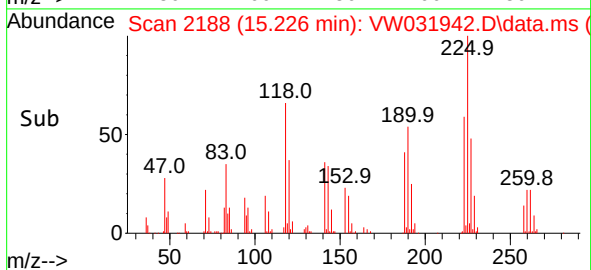
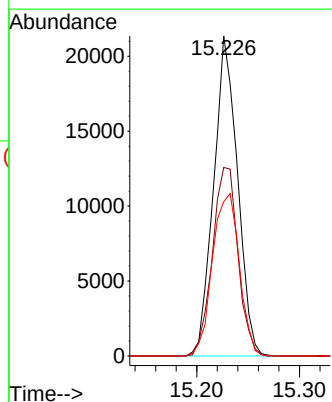
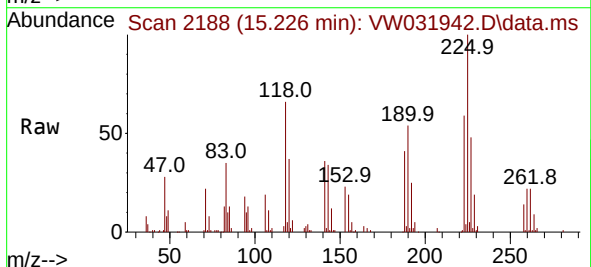
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBSD01

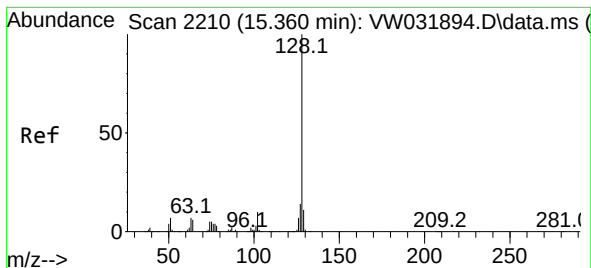
Tgt Ion:180 Resp: 69673
Ion Ratio Lower Upper
180 100
182 93.3 51.0 153.1
145 33.0 18.4 55.4



#94
Hexachlorobutadiene
Concen: 23.148 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031942.D
Acq: 28 Jul 2025 13:38

Tgt Ion:225 Resp: 34371
Ion Ratio Lower Upper
225 100
223 63.0 30.9 92.7
227 57.2 30.0 90.1





#95

Naphthalene

Concen: 21.529 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBSD01

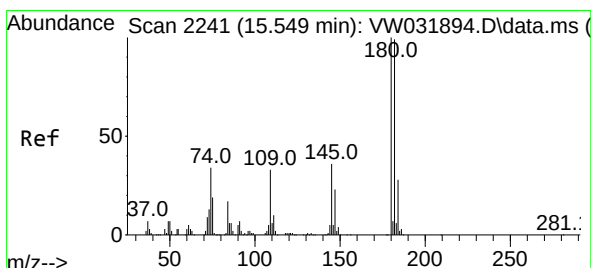
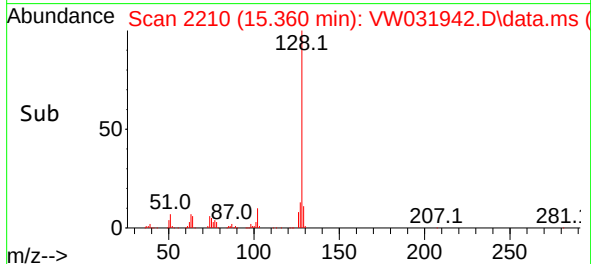
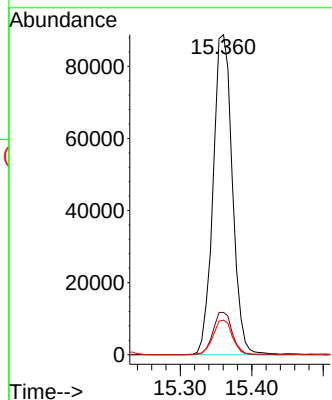
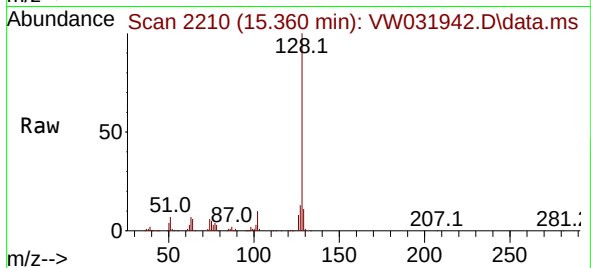
Tgt Ion:128 Resp: 165856

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.8 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 22.049 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031942.D

Acq: 28 Jul 2025 13:38

Tgt Ion:180 Resp: 62600

Ion Ratio Lower Upper

180 100

182 96.9 50.4 151.2

145 37.9 18.6 55.8

