

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031941.D
 Acq On : 28 Jul 2025 12:23
 Operator : SY/MD
 Sample : VW0728SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Quant Time: Jul 29 01:18:20 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	7.965	168	206516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	384243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	125704	40.237	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	80.480%
35) Dibromofluoromethane	7.898	113	103855	39.776	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	79.560%
50) Toluene-d8	10.325	98	392857	39.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	79.520%
62) 4-Bromofluorobenzene	12.617	95	152194	40.110	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	80.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	29116	18.970	ug/l	95
3) Chloromethane	2.253	50	37396	18.983	ug/l	100
4) Vinyl Chloride	2.406	62	48939	19.123	ug/l	92
5) Bromomethane	2.820	94	36688	19.469	ug/l	99
6) Chloroethane	2.972	64	32180	19.053	ug/l	93
7) Trichlorofluoromethane	3.308	101	46431	17.913	ug/l	96
8) Diethyl Ether	3.722	74	33854	19.553	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	50084	20.089	ug/l	98
10) Methyl Iodide	4.301	142	72575	19.470	ug/l	99
11) Tert butyl alcohol	5.228	59	23694	129.027	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53040	19.261	ug/l	99
13) Acrolein	3.930	56	22812	82.704	ug/l	97
14) Allyl chloride	4.704	41	80701	18.826	ug/l	100
15) Acrylonitrile	5.405	53	85216	110.087	ug/l	99
16) Acetone	4.155	43	85540	115.388	ug/l	99
17) Carbon Disulfide	4.423	76	134513	18.835	ug/l	97
18) Methyl Acetate	4.710	43	52570	25.739	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	101613	21.357	ug/l	96
20) Methylene Chloride	4.954	84	64019	17.131	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	58102	19.886	ug/l	95
22) Diisopropyl ether	6.344	45	173010	20.170	ug/l	95
23) Vinyl Acetate	6.289	43	571713	102.020	ug/l	99
24) 1,1-Dichloroethane	6.240	63	108312	20.281	ug/l	99
25) 2-Butanone	7.197	43	117858	116.196	ug/l	97
26) 2,2-Dichloropropane	7.185	77	58867	19.470	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	68053	19.813	ug/l	98
28) Bromochloromethane	7.533	49	46934	20.989	ug/l	96
29) Tetrahydrofuran	7.557	42	75903	114.139	ug/l	98
30) Chloroform	7.697	83	115421	20.612	ug/l	97
31) Cyclohexane	7.972	56	94750	19.775	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	85124	19.977	ug/l	97
36) 1,1-Dichloropropene	8.100	75	79005	19.703	ug/l	99
37) Ethyl Acetate	7.277	43	47508	20.770	ug/l	97
38) Carbon Tetrachloride	8.081	117	75413	19.597	ug/l	100
39) Methylcyclohexane	9.343	83	98660	19.552	ug/l	99
40) Benzene	8.337	78	238756	20.115	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29209	21.332	ug/l	98
42) 1,2-Dichloroethane	8.411	62	78886	20.766	ug/l	99
43) Isopropyl Acetate	8.435	43	87718	21.183	ug/l	100
44) Trichloroethene	9.099	130	57452	20.363	ug/l	93
45) 1,2-Dichloropropane	9.380	63	58135	20.337	ug/l	97
46) Dibromomethane	9.465	93	37483	21.153	ug/l	96
47) Bromodichloromethane	9.654	83	86678	20.399	ug/l	97
48) Methyl methacrylate	9.441	41	42032	21.335	ug/l	97
49) 1,4-Dioxane	9.471	88	8244	466.242	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	254159	112.152	ug/l	100
52) Toluene	10.392	92	152851	20.032	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	82332	20.199	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	94679	20.340	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	48645	20.666	ug/l	89
56) Ethyl methacrylate	10.648	69	69168	20.807	ug/l	100
57) 1,3-Dichloropropane	10.934	76	86381	20.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	190643	111.648	ug/l	100
59) 2-Hexanone	10.971	43	177604	112.748	ug/l	99
60) Dibromochloromethane	11.130	129	57643	21.004	ug/l	95
61) 1,2-Dibromoethane	11.239	107	49222	21.163	ug/l	99
64) Tetrachloroethene	10.861	164	45419	19.960	ug/l	95
65) Chlorobenzene	11.654	112	167331	19.809	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.733	131	51335	19.603	ug/l	99
67) Ethyl Benzene	11.727	91	296524	19.979	ug/l	99
68) m/p-Xylenes	11.837	106	227699	40.754	ug/l	99
69) o-Xylene	12.166	106	106945	20.226	ug/l	95
70) Styrene	12.178	104	186281	20.692	ug/l	99
71) Bromoform	12.349	173	29748	20.771	ug/l #	97
73) Isopropylbenzene	12.465	105	274011	19.083	ug/l	99
74) N-amyl acetate	12.270	43	78745	20.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64003	20.999	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	80481	35.224	ug/l #	100
77) Bromobenzene	12.745	156	61937	19.936	ug/l	95
78) n-propylbenzene	12.800	91	343332	19.468	ug/l	100
79) 2-Chlorotoluene	12.891	91	207392	19.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	231045	19.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	19210	19.411	ug/l	96
82) 4-Chlorotoluene	12.989	91	215256	19.487	ug/l	100
83) tert-Butylbenzene	13.202	119	198895	19.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	241832	19.840	ug/l	100
85) sec-Butylbenzene	13.379	105	291512	18.923	ug/l	99
86) p-Isopropyltoluene	13.495	119	245664	19.294	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	126837	19.612	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	126857	20.024	ug/l	98
89) n-Butylbenzene	13.818	91	237858	19.043	ug/l	99
90) Hexachloroethane	14.086	117	41463	18.832	ug/l	98
91) 1,2-Dichlorobenzene	13.861	146	110138	19.216	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11394	20.692	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	68392	19.786	ug/l	93
94) Hexachlorobutadiene	15.232	225	29323	17.903	ug/l	92
95) Naphthalene	15.360	128	176126	20.726	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	60857	19.432	ug/l	93

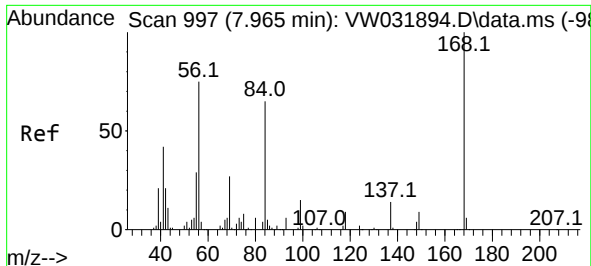
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Response via : Initial Calibration

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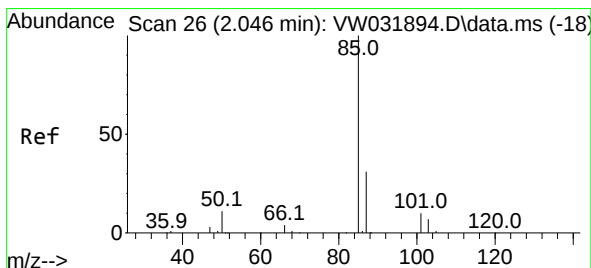
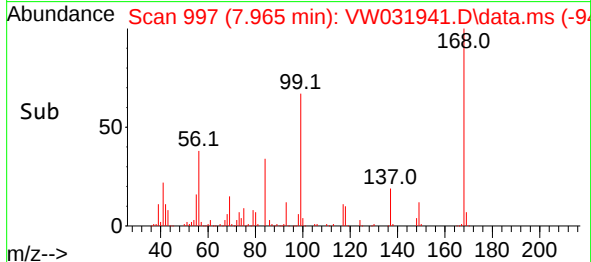
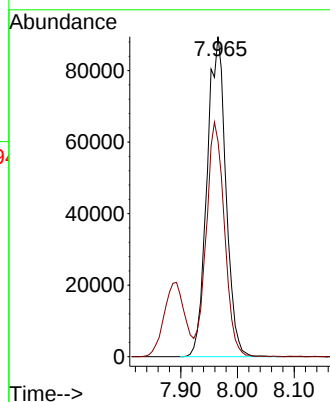
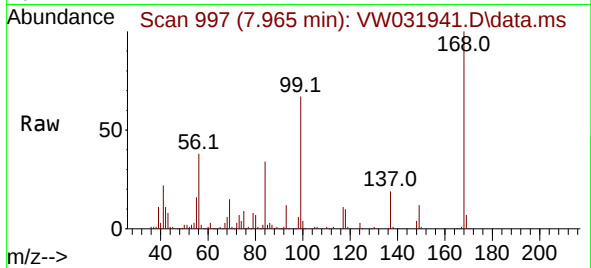
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

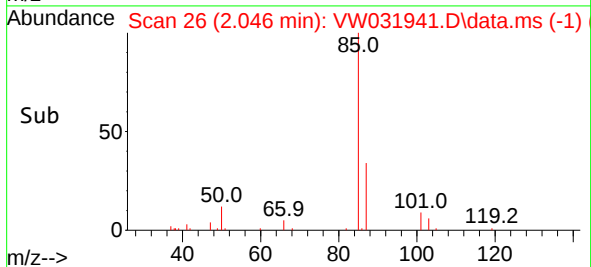
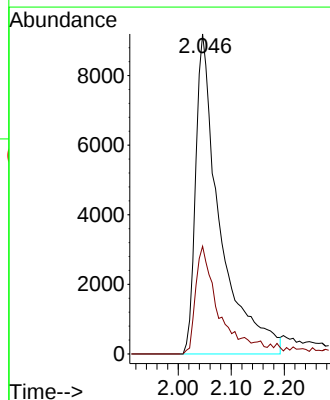
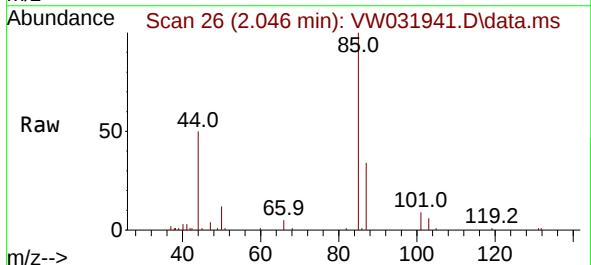
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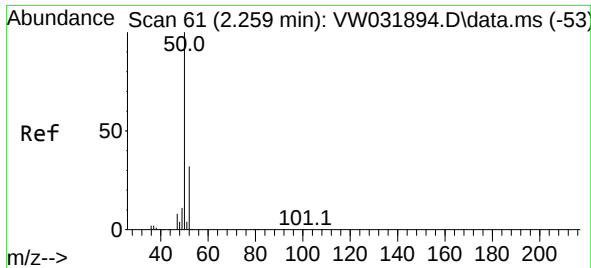
Tgt Ion:168 Resp: 206516
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 18.970 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 85 Resp: 29116
Ion Ratio Lower Upper
85 100
87 33.7 15.5 46.5

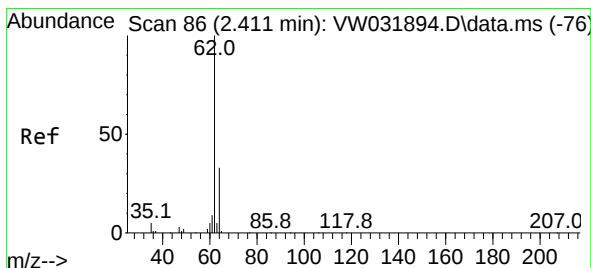
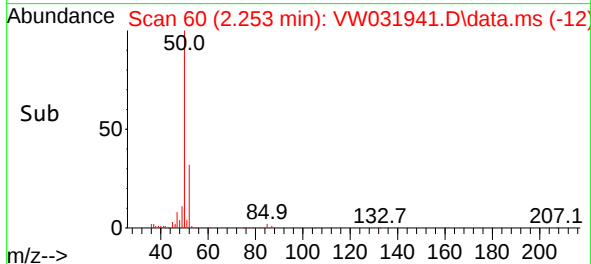
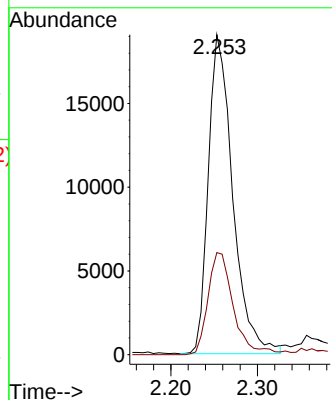
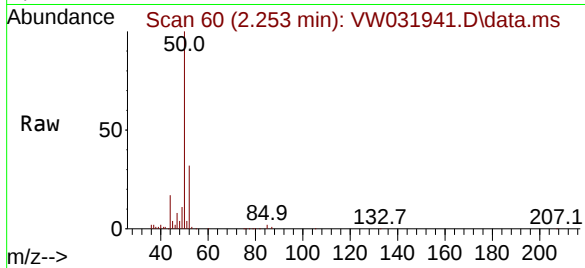




#3
Chloromethane
Concen: 18.983 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

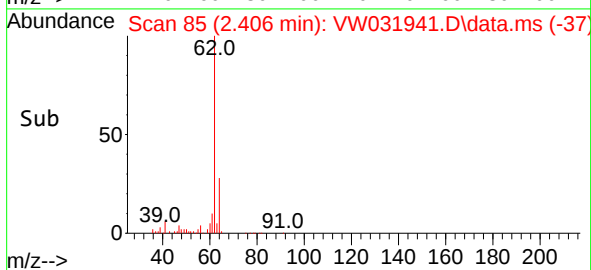
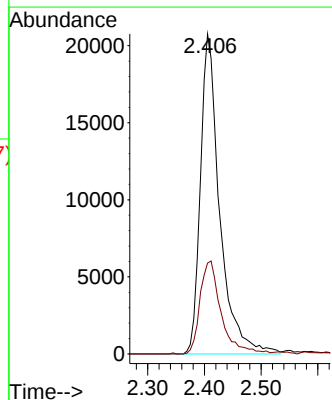
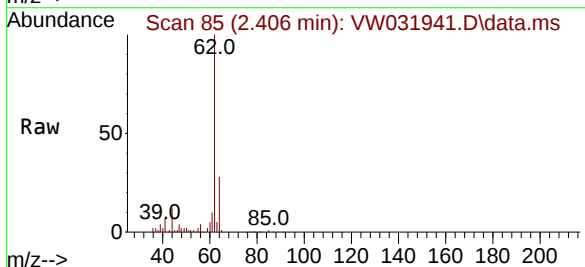
Instrument :
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ClientSampleId :
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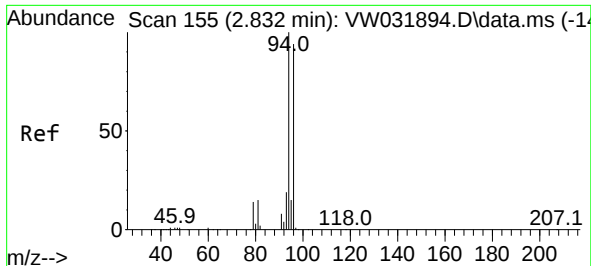
Tgt Ion: 50 Resp: 37396
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 19.123 ug/l
RT: 2.406 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 62 Resp: 48939
Ion Ratio Lower Upper
62 100
64 28.4 26.2 39.2

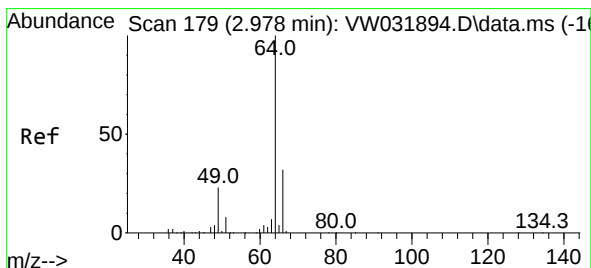
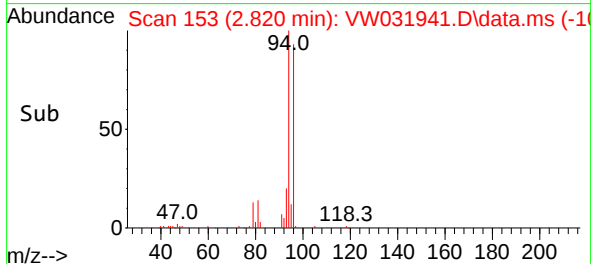
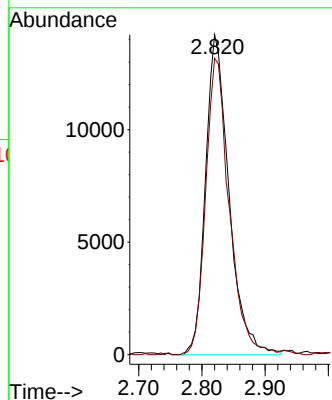
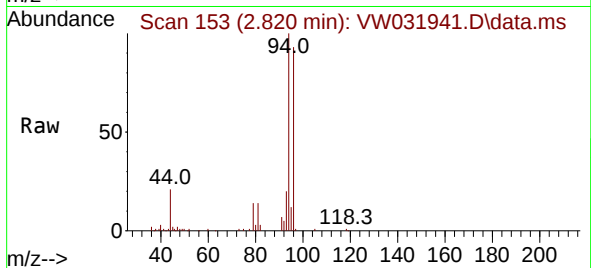




#5
Bromomethane
Concen: 19.469 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

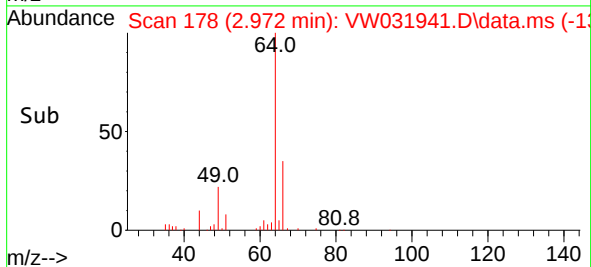
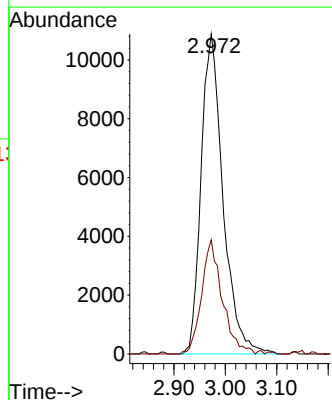
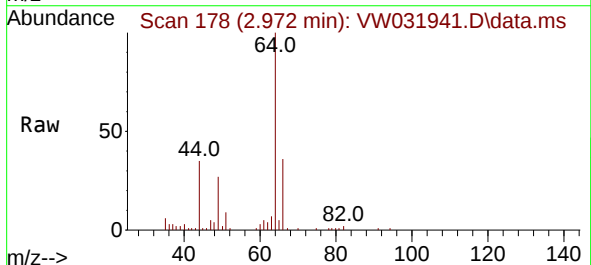
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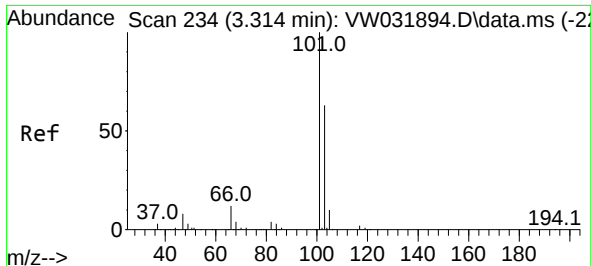
Tgt Ion: 94 Resp: 36688
Ion Ratio Lower Upper
94 100
96 92.6 75.0 112.6



#6
Chloroethane
Concen: 19.053 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 64 Resp: 32180
Ion Ratio Lower Upper
64 100
66 35.7 25.6 38.4

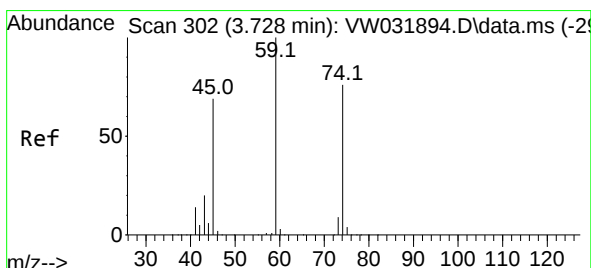
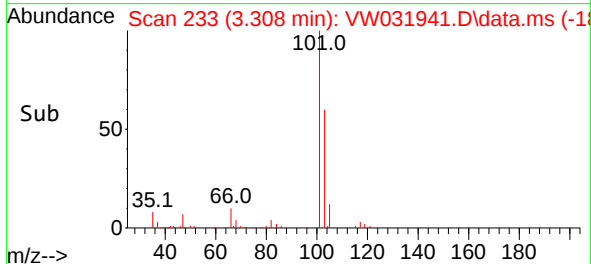
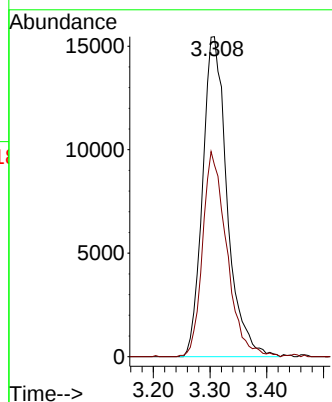
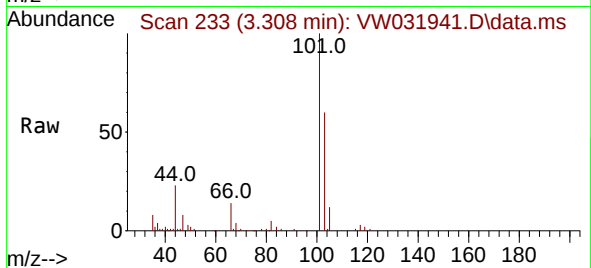




#7
 Trichlorofluoromethane
 Concen: 17.913 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

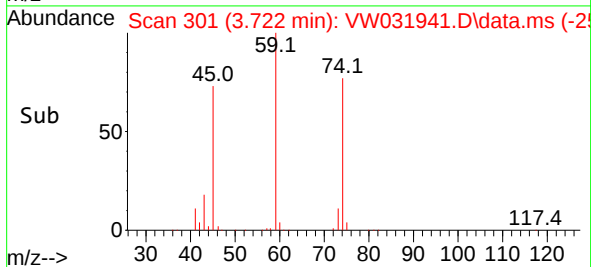
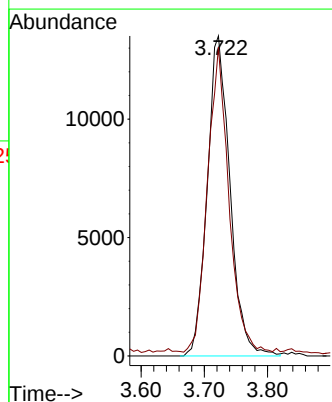
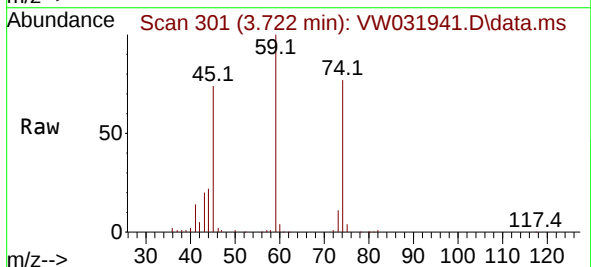
Instrument :
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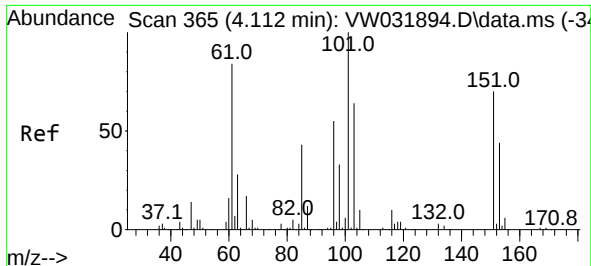
Tgt Ion:101 Resp: 46431
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.553 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

Tgt Ion: 74 Resp: 33854
 Ion Ratio Lower Upper
 74 100
 45 89.2 45.5 136.5

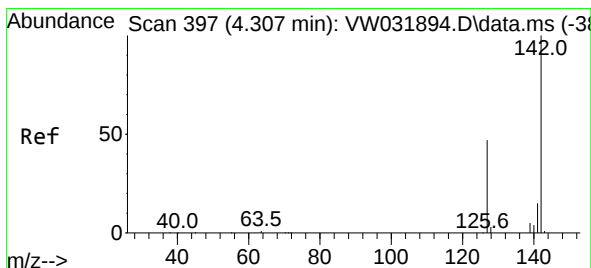
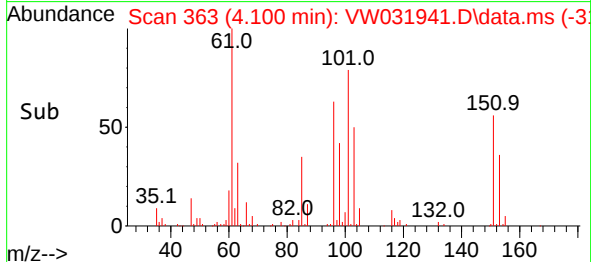
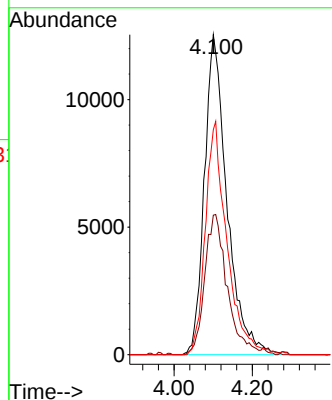
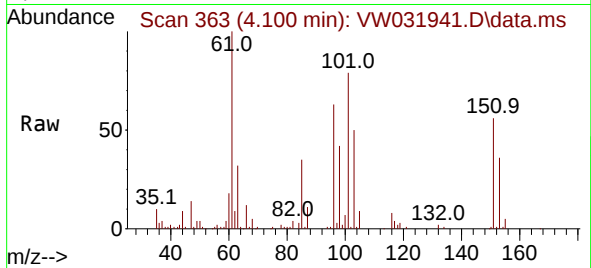




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.089 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW031941.D
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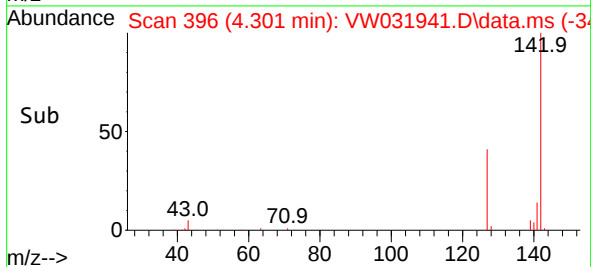
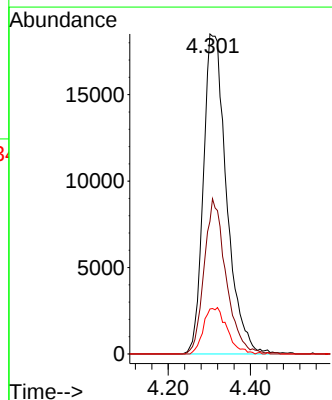
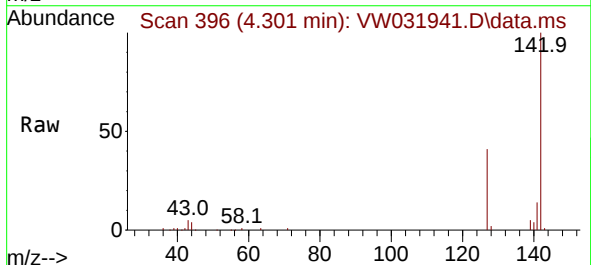
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

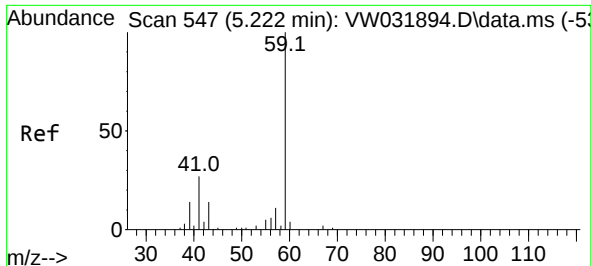
Tgt Ion:101 Resp: 50084
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 69.7 54.6 81.8



#10
Methyl Iodide
Concen: 19.470 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:142 Resp: 72575
Ion Ratio Lower Upper
142 100
127 45.7 37.4 56.2
141 14.7 11.9 17.9

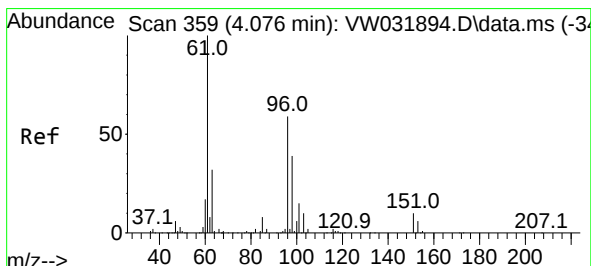
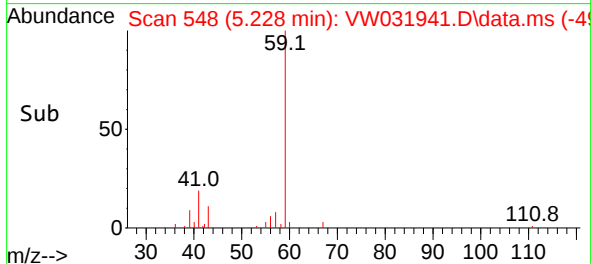
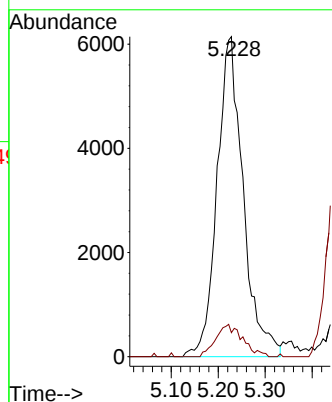
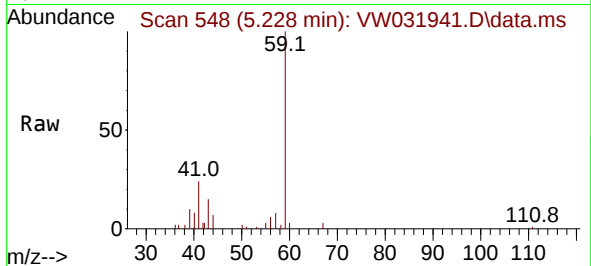




#11
Tert butyl alcohol
Concen: 129.027 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

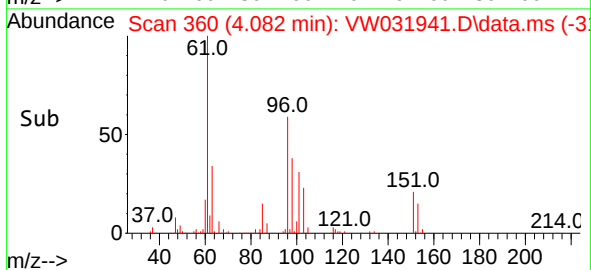
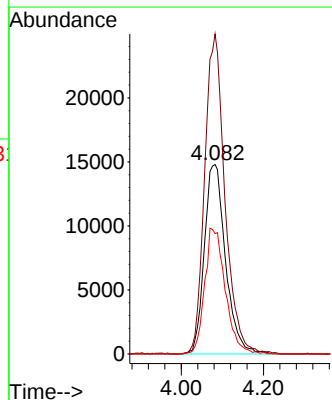
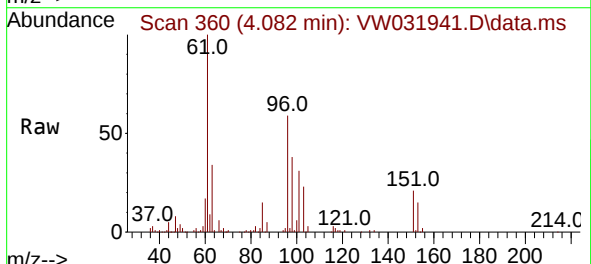
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

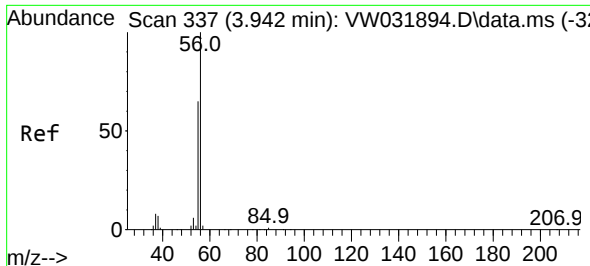
Tgt Ion: 59 Resp: 23694
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.261 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 96 Resp: 53040
Ion Ratio Lower Upper
96 100
61 168.9 135.0 202.6
98 63.5 52.3 78.5

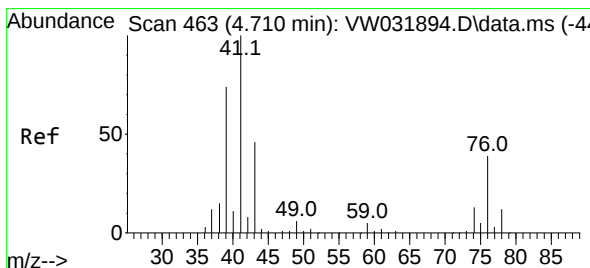
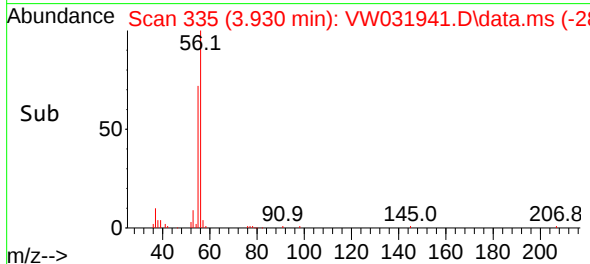
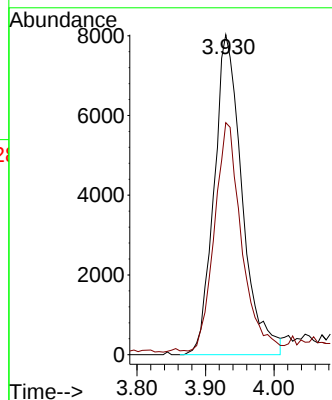
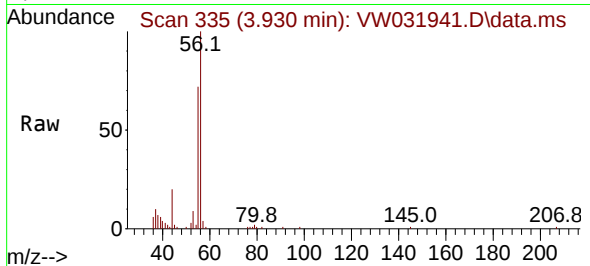




#13
Acrolein
Concen: 82.704 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

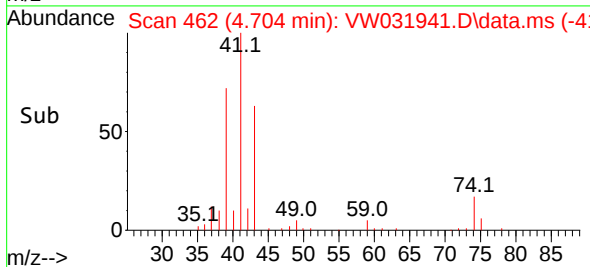
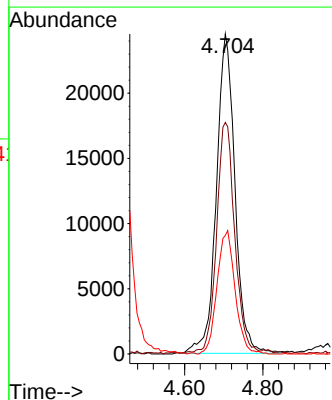
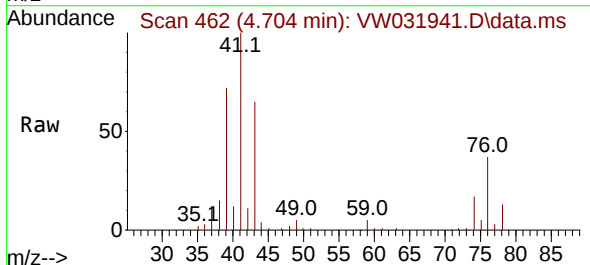
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

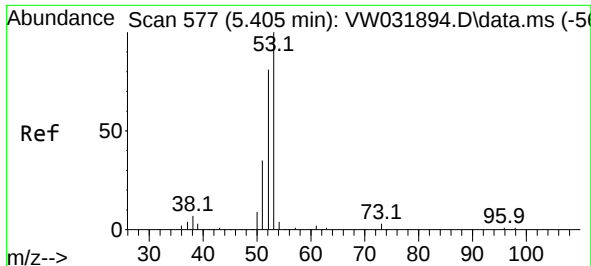
Tgt Ion: 56 Resp: 22812
Ion Ratio Lower Upper
56 100
55 68.8 56.7 85.1



#14
Allyl chloride
Concen: 18.826 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 41 Resp: 80701
Ion Ratio Lower Upper
41 100
39 70.3 56.6 85.0
76 37.6 30.1 45.1

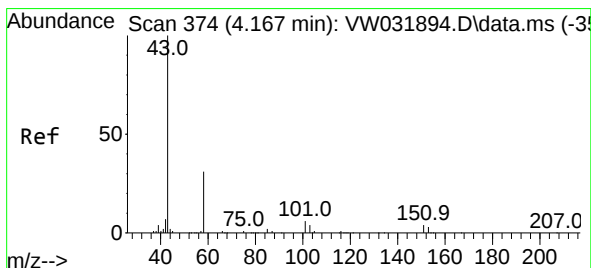
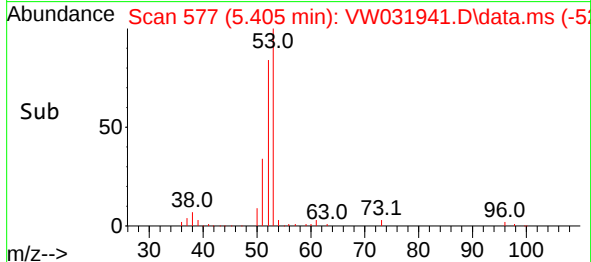
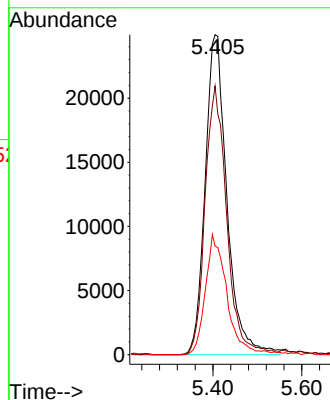
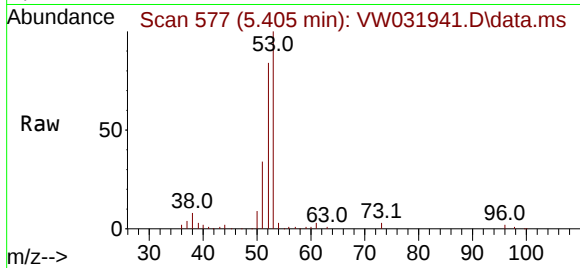




#15
Acrylonitrile
Concen: 110.087 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

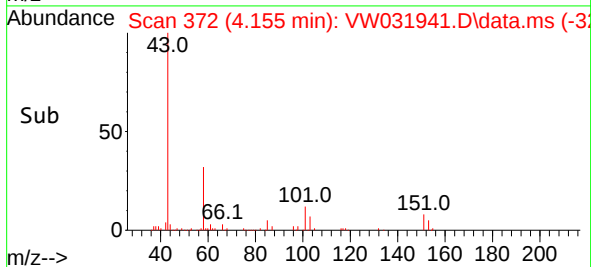
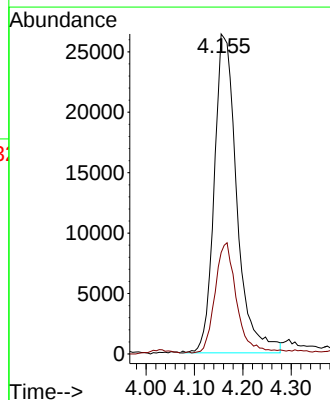
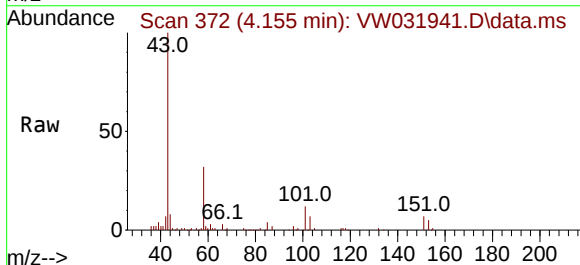
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

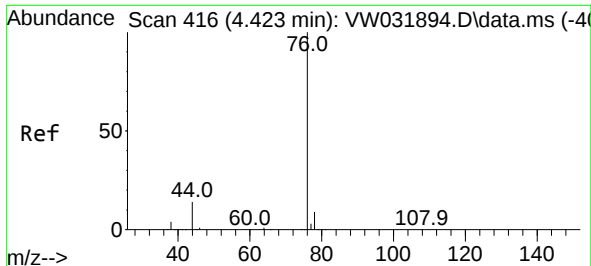
Tgt Ion:	53	Resp:	85216
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.0	100.4
51	37.0	29.9	44.9



#16
Acetone
Concen: 115.388 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:	43	Resp:	85540
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.5	38.3

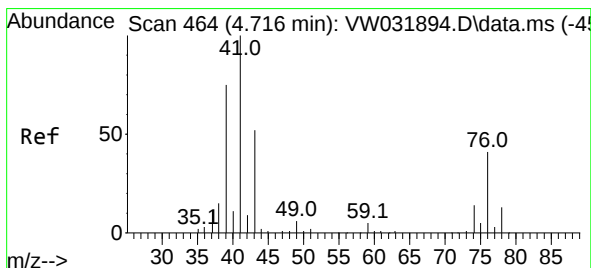
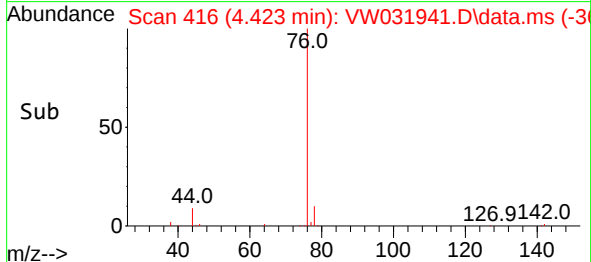
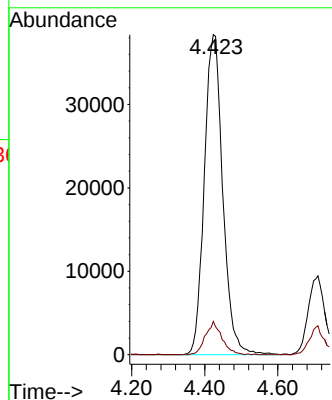
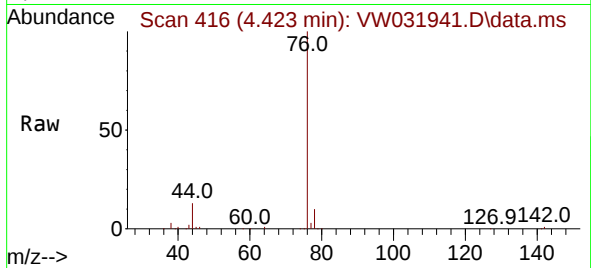




#17
Carbon Disulfide
Concen: 18.835 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

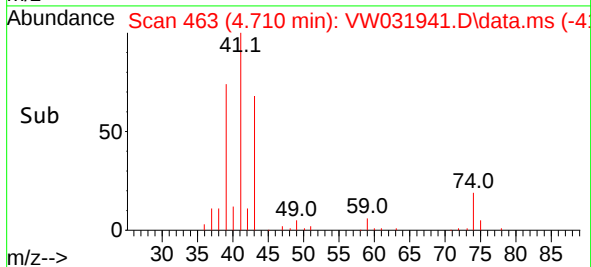
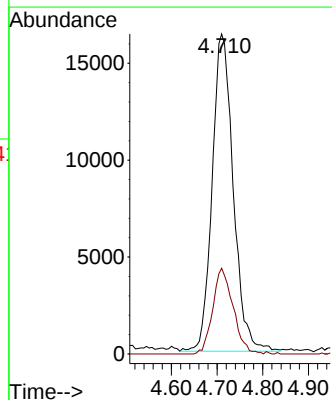
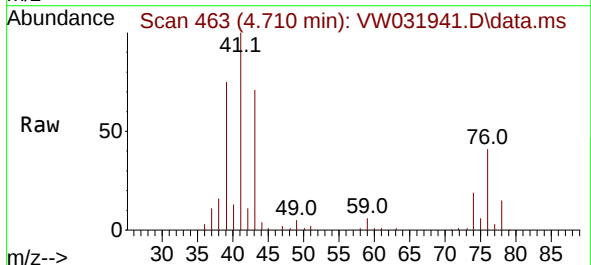
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

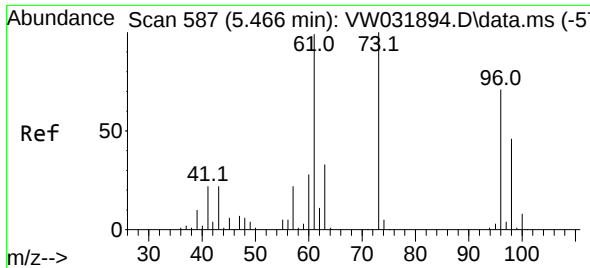
Tgt Ion: 76 Resp: 134513
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#18
Methyl Acetate
Concen: 25.739 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 43 Resp: 52570
Ion Ratio Lower Upper
43 100
74 26.0 20.6 31.0

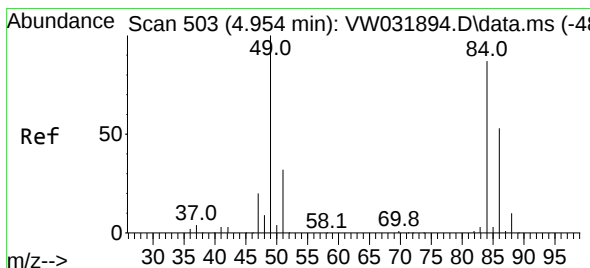
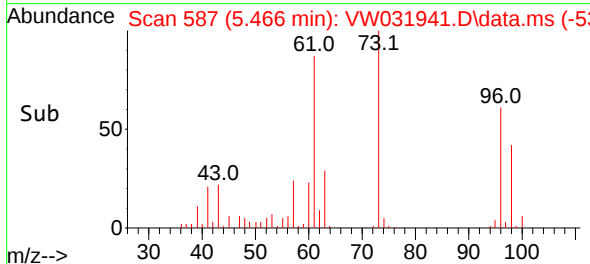
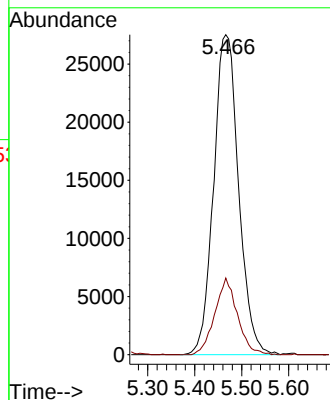
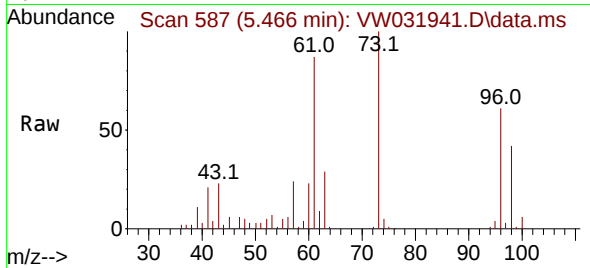




#19
Methyl tert-butyl Ether
Concen: 21.357 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

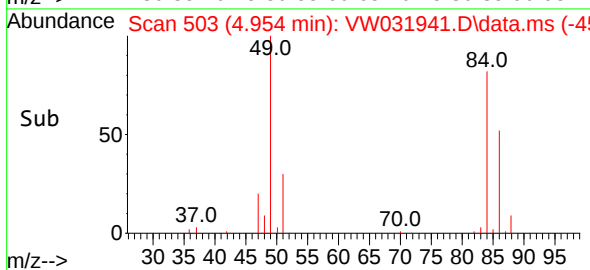
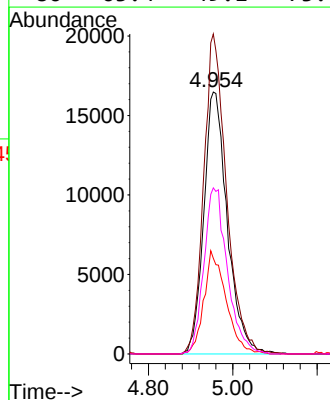
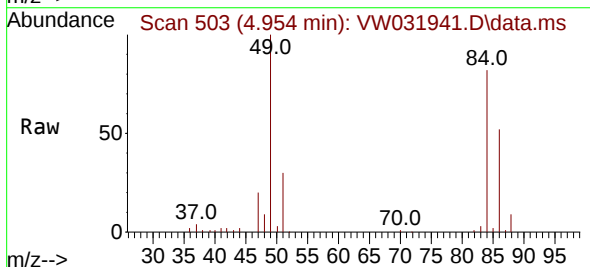
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

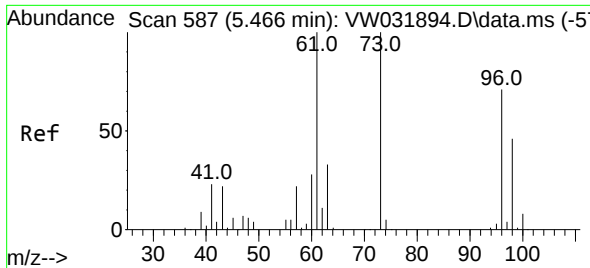
Tgt Ion: 73 Resp: 101613
Ion Ratio Lower Upper
73 100
57 24.0 17.5 26.3



#20
Methylene Chloride
Concen: 17.131 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 84 Resp: 64019
Ion Ratio Lower Upper
84 100
49 122.1 91.9 137.9
51 36.5 29.0 43.6
86 63.4 49.1 73.7

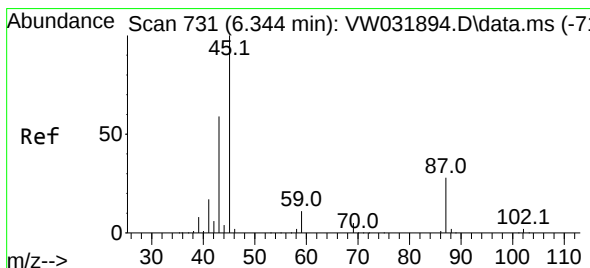
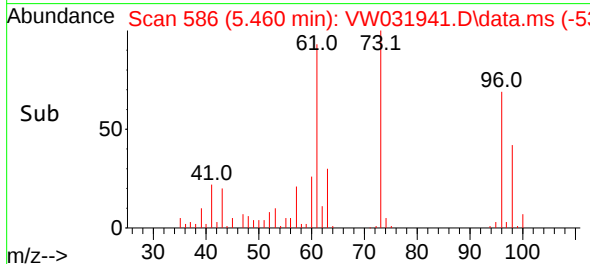
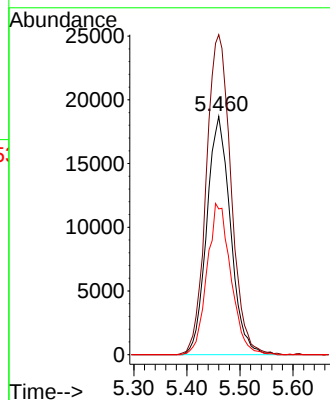
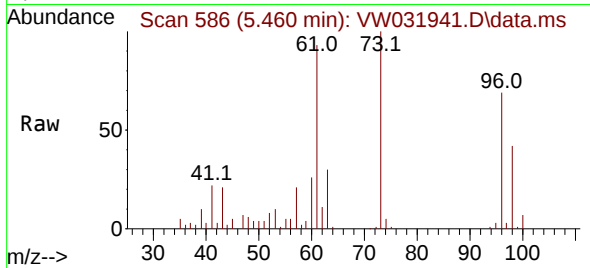




#21
trans-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

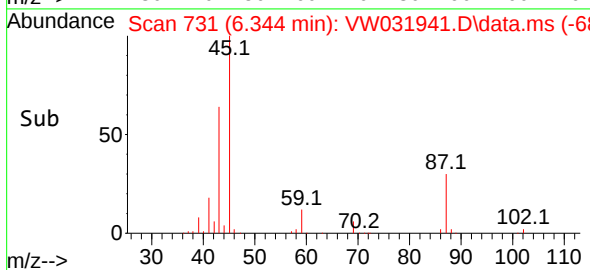
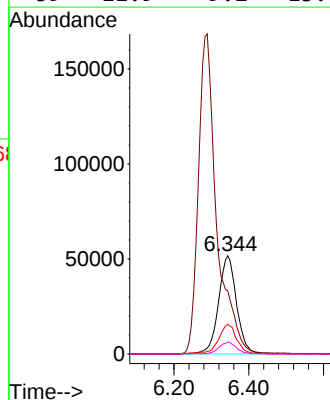
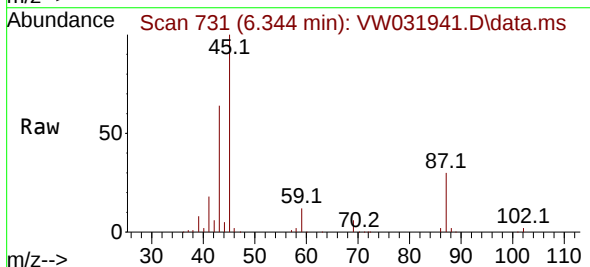
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

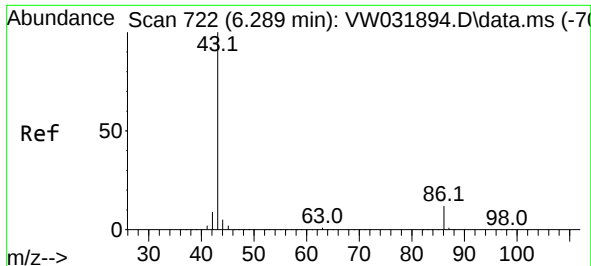
Tgt Ion: 96 Resp: 58102
Ion Ratio Lower Upper
96 100
61 134.0 112.8 169.2
98 61.2 51.9 77.9



#22
Diisopropyl ether
Concen: 20.170 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 45 Resp: 173010
Ion Ratio Lower Upper
45 100
43 64.1 47.0 70.6
87 30.0 22.8 34.2
59 11.9 9.2 13.8

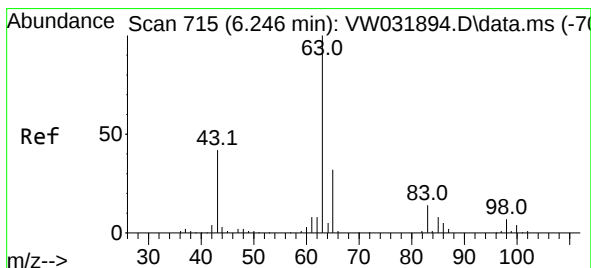
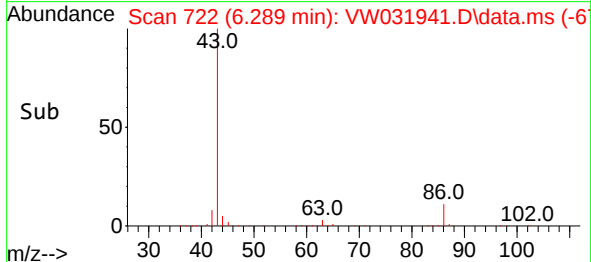
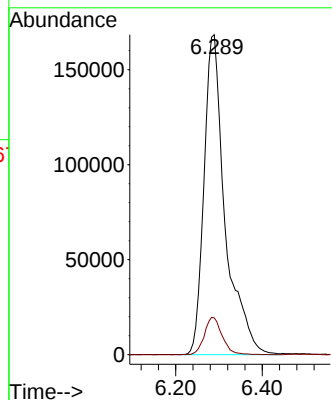
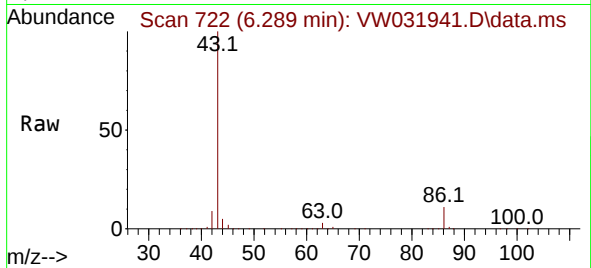




#23
 Vinyl Acetate
 Concen: 102.020 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

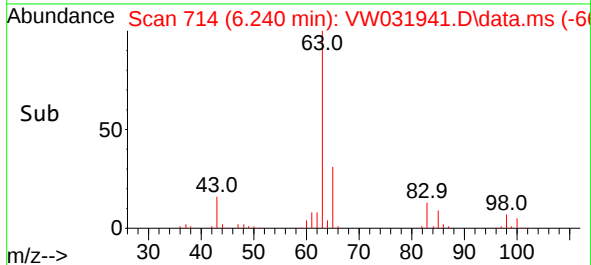
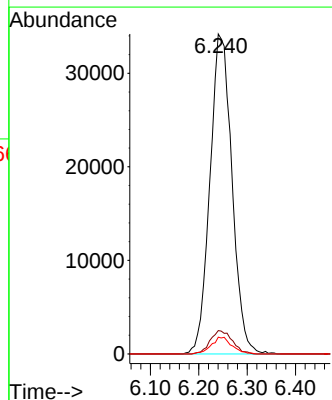
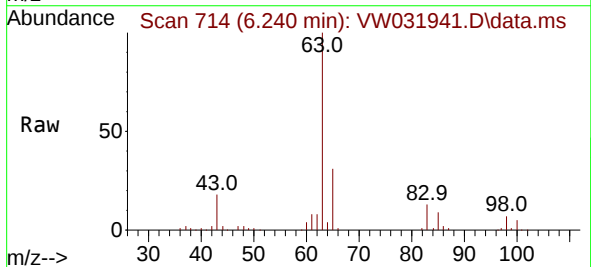
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

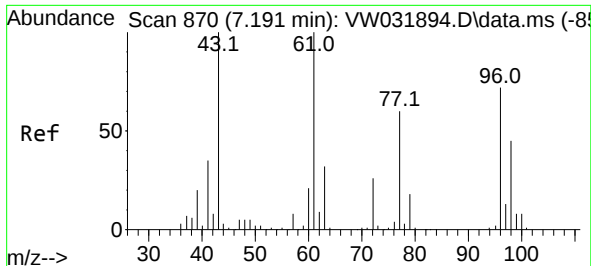
Tgt Ion: 43 Resp: 571713
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.281 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

Tgt Ion: 63 Resp: 108312
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.3 2.2 6.6

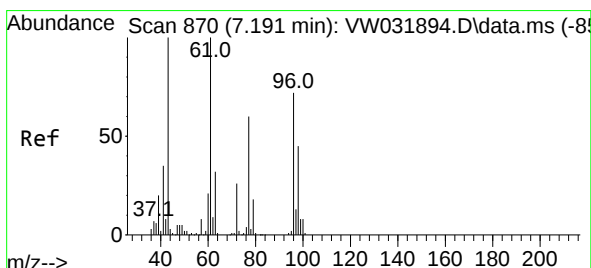
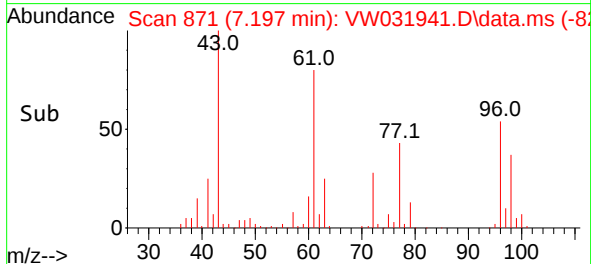
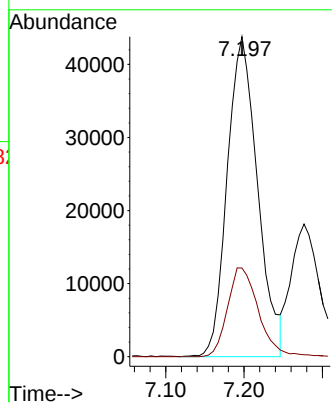
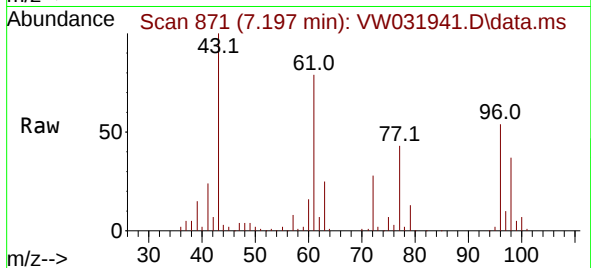




#25
2-Butanone
Concen: 116.196 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

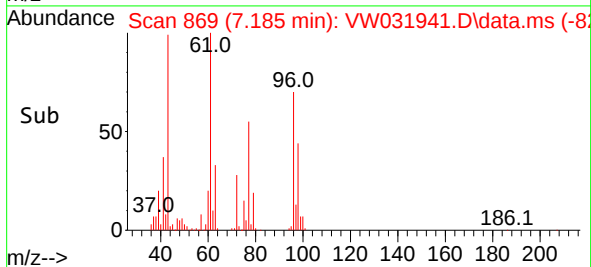
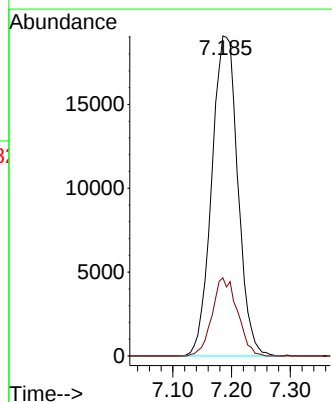
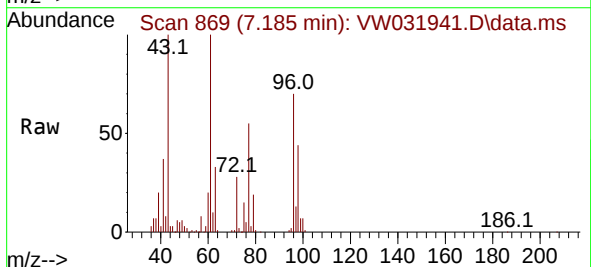
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

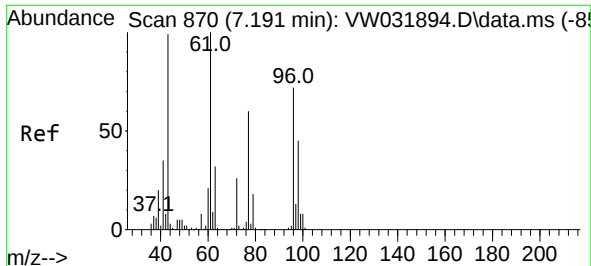
Tgt Ion: 43 Resp: 117858
Ion Ratio Lower Upper
43 100
72 27.7 20.8 31.2



#26
2,2-Dichloropropane
Concen: 19.470 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 77 Resp: 58867
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.1

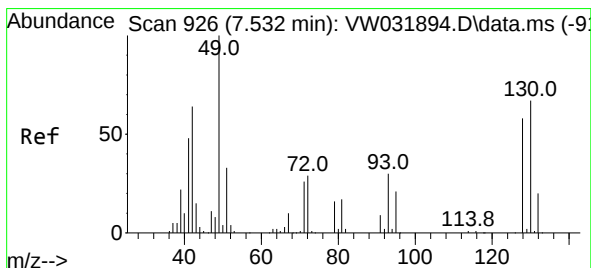
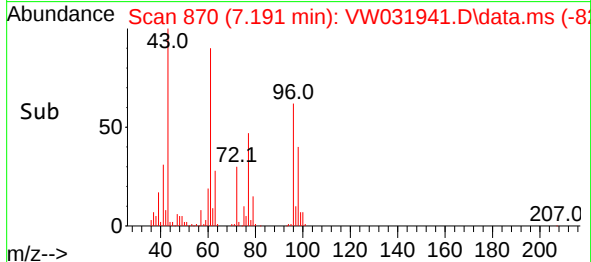
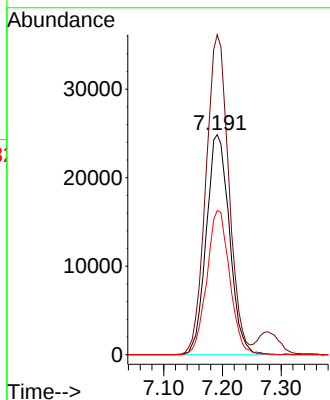
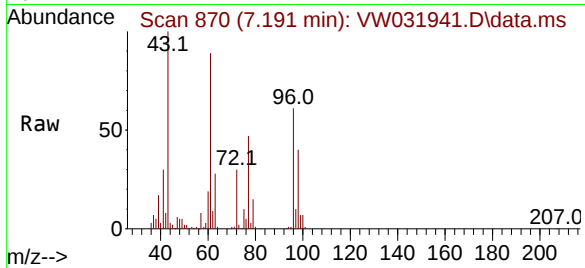




#27
 cis-1,2-Dichloroethene
 Concen: 19.813 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

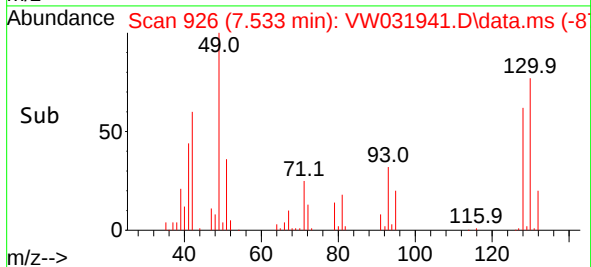
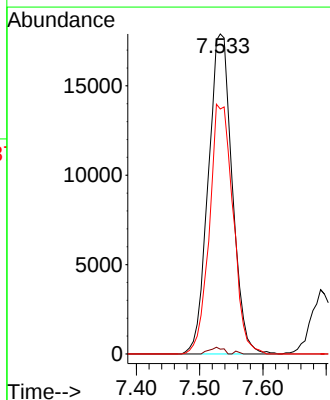
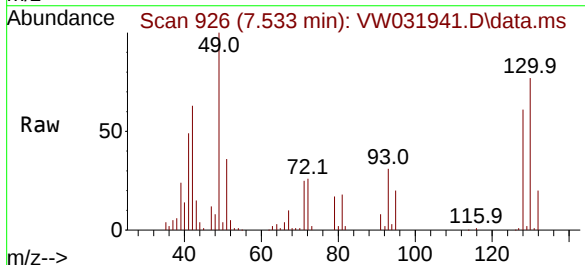
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

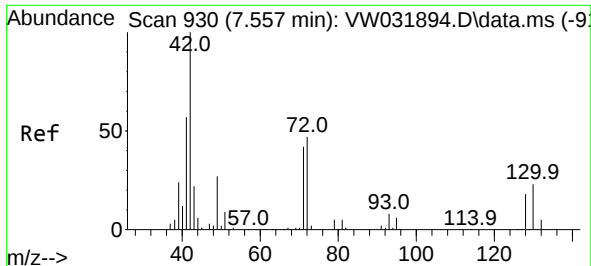
Tgt Ion: 96	Resp: 68053
Ion Ratio	Lower Upper
96 100	
61 143.4	0.0 280.2
98 64.7	0.0 126.8



#28
 Bromochloromethane
 Concen: 20.989 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

Tgt Ion: 49	Resp: 46934		
Ion Ratio	Lower	Upper	
49 100			
129 1.2	0.0	4.4	
130 77.2	59.0	88.4	





#29

Tetrahydrofuran

Concen: 114.139 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

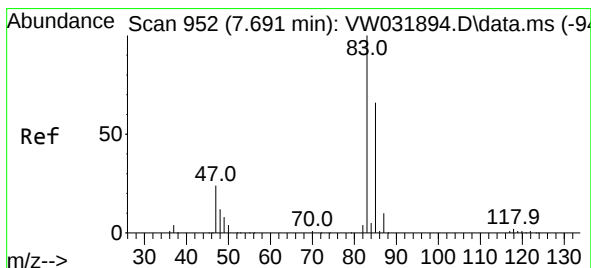
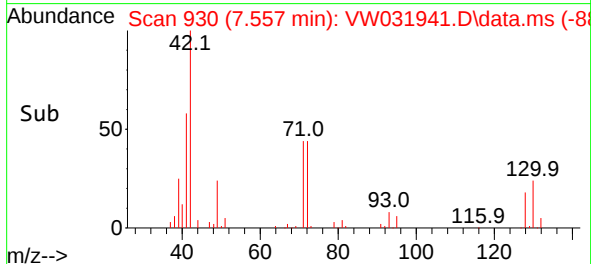
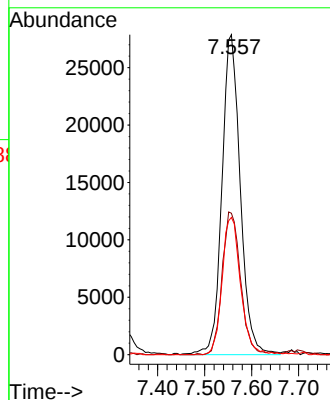
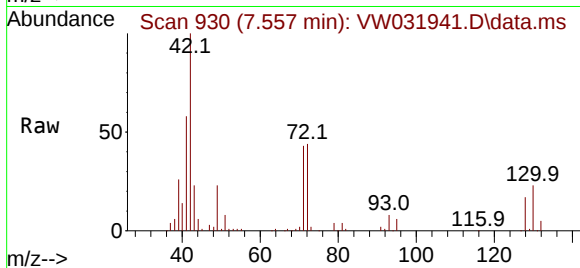
Tgt Ion: 42 Resp: 75903

Ion Ratio Lower Upper

42 100

72 44.4 37.0 55.6

71 43.2 34.5 51.7



#30

Chloroform

Concen: 20.612 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031941.D

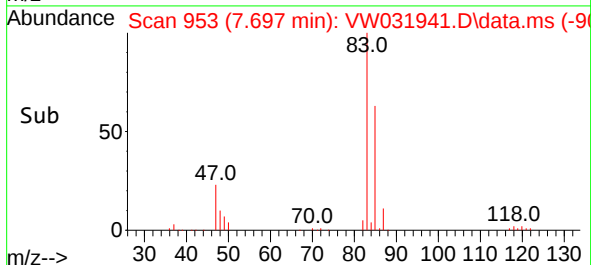
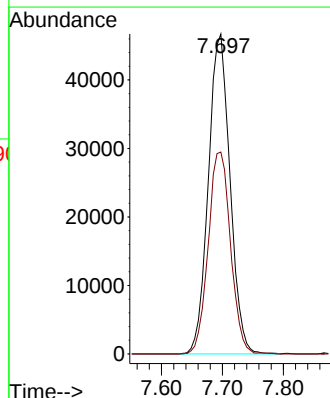
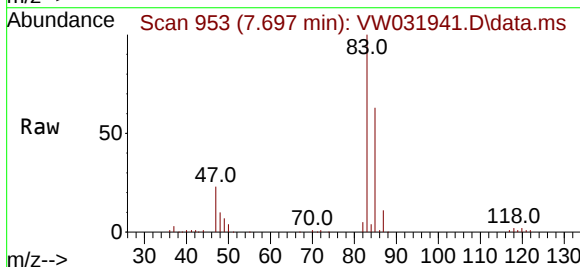
Acq: 28 Jul 2025 12:23

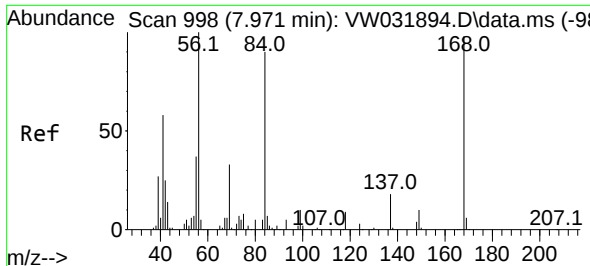
Tgt Ion: 83 Resp: 115421

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

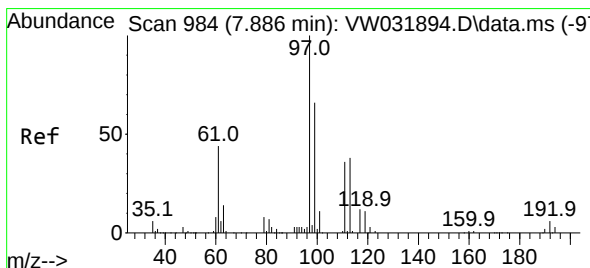
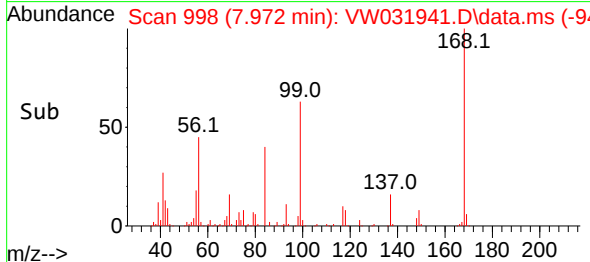
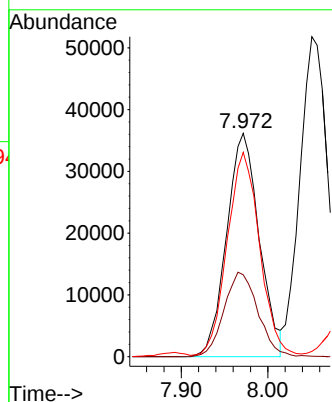
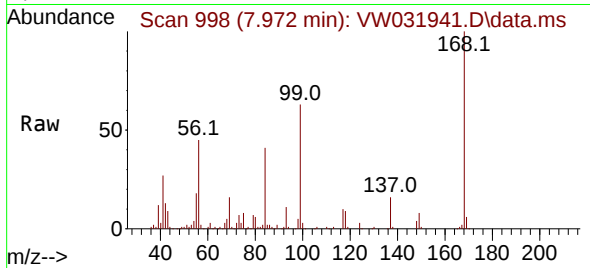




#31
Cyclohexane
Concen: 19.775 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

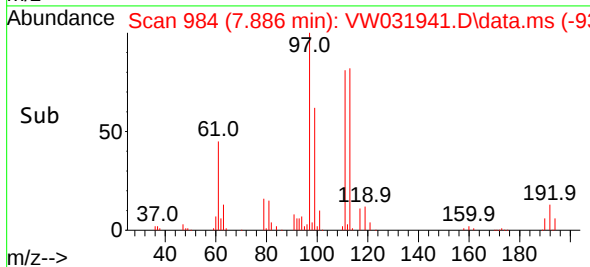
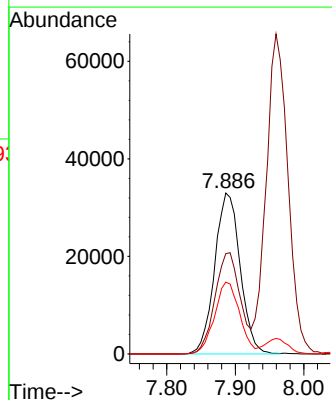
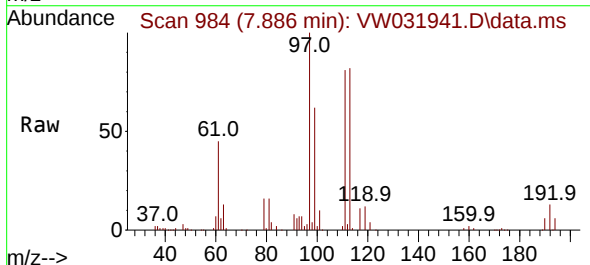
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

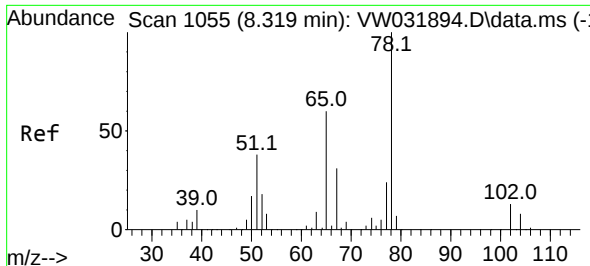
Tgt Ion: 56 Resp: 94750
Ion Ratio Lower Upper
56 100
69 36.6 26.7 40.1
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.977 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 97 Resp: 85124
Ion Ratio Lower Upper
97 100
99 62.8 53.0 79.4
61 43.8 35.4 53.0

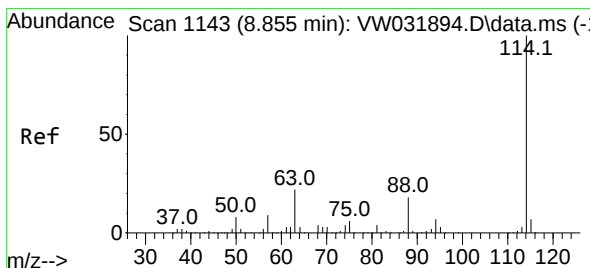
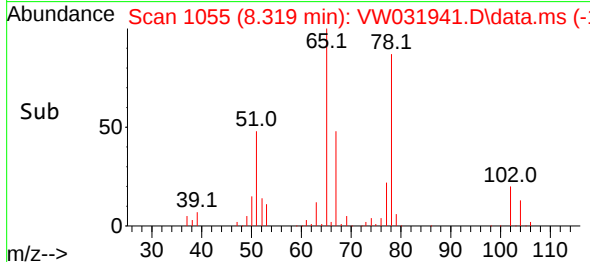
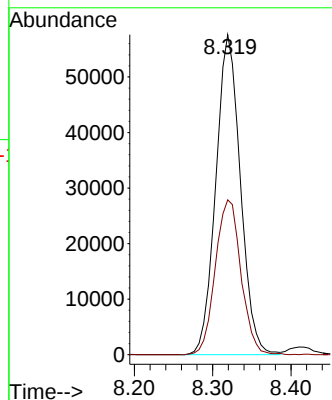
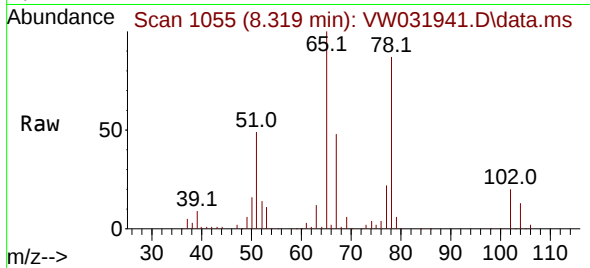




#33
 1,2-Dichloroethane-d4
 Concen: 40.237 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

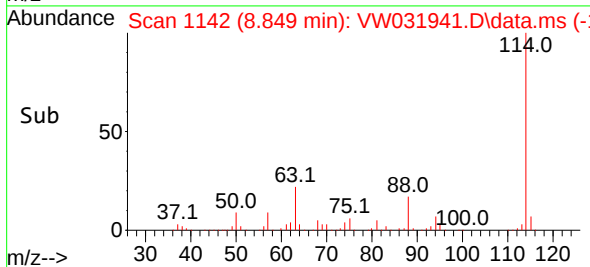
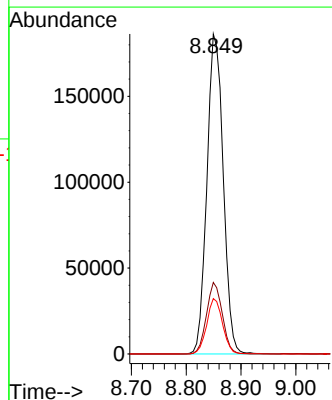
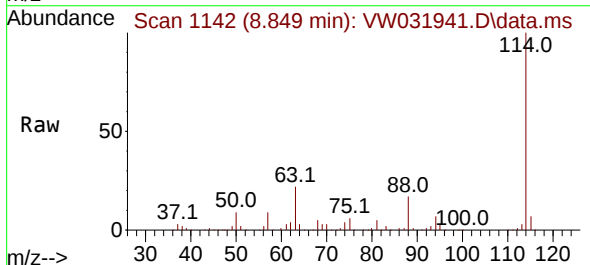
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

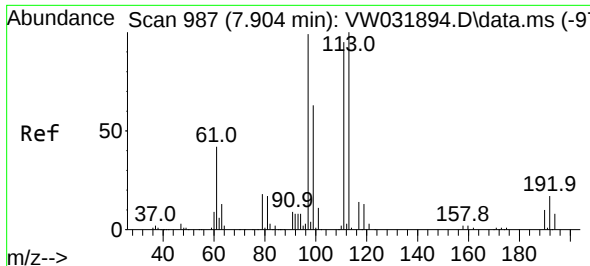
Tgt Ion: 65 Resp: 125704
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

Tgt Ion: 114 Resp: 384243
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 17.3 0.0 35.6

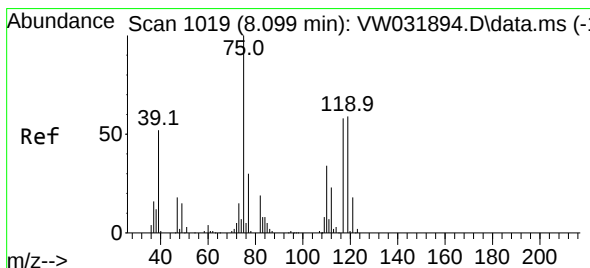
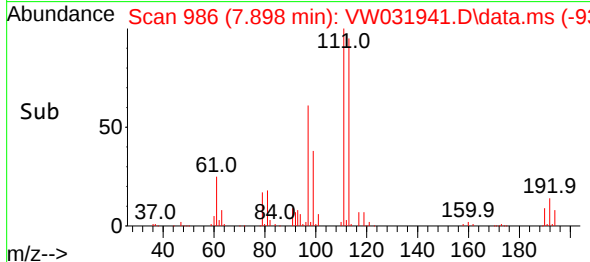
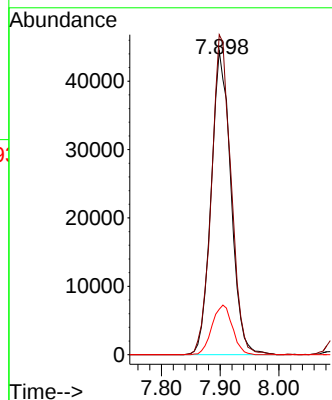
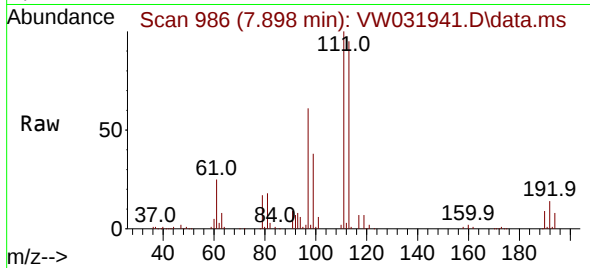




#35
 Dibromofluoromethane
 Concen: 39.776 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

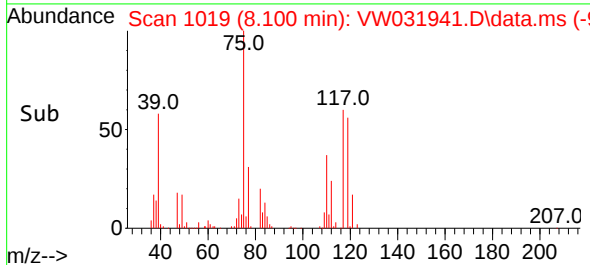
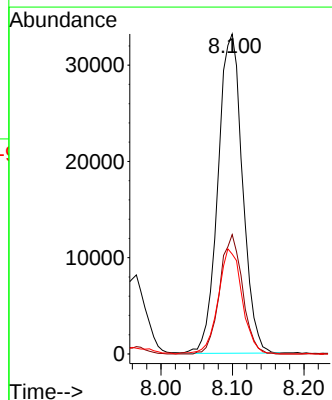
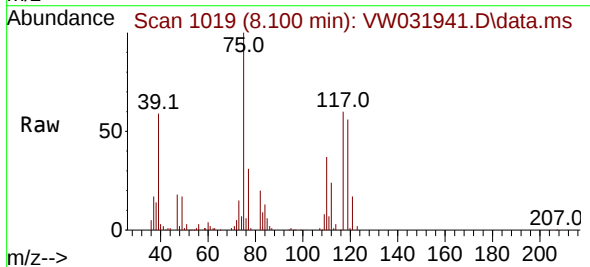
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

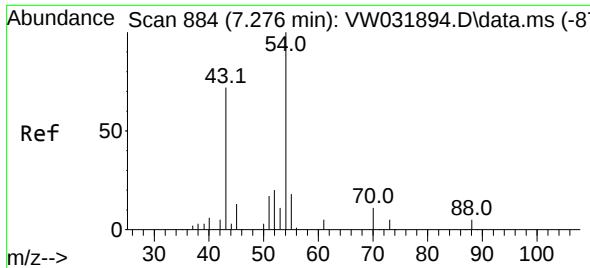
Tgt Ion:113 Resp: 103855
 Ion Ratio Lower Upper
 113 100
 111 104.3 79.9 119.9
 192 16.8 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 19.703 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW031941.D
 Acq: 28 Jul 2025 12:23

Tgt Ion: 75 Resp: 79005
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.0 50.9
 77 32.2 25.1 37.7

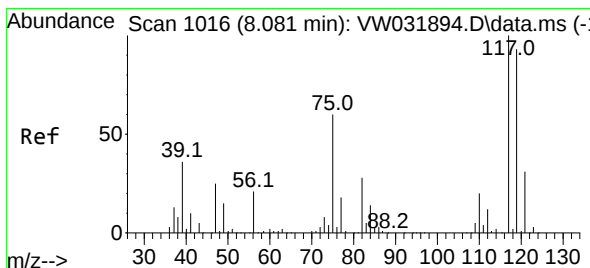
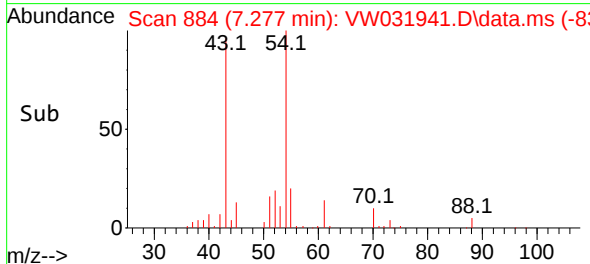
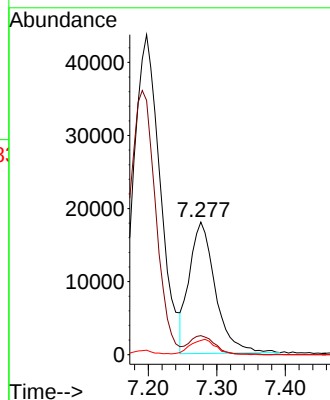
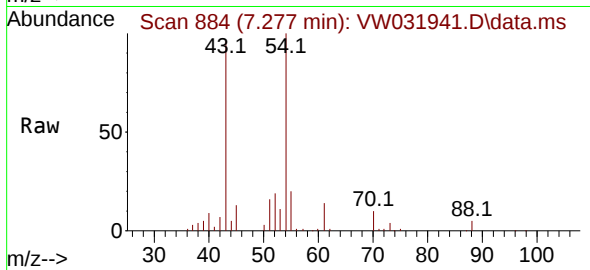




#37
Ethyl Acetate
Concen: 20.770 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

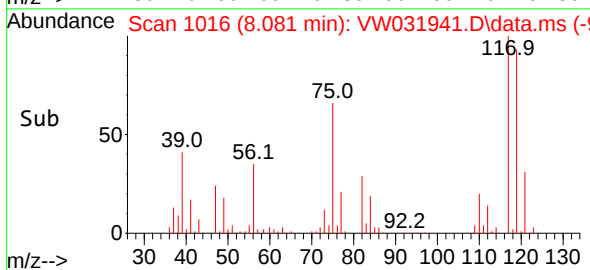
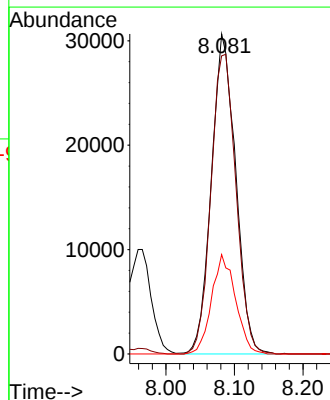
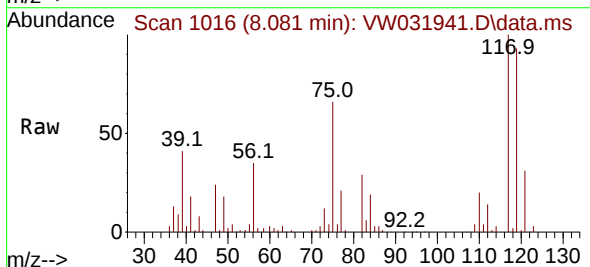
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

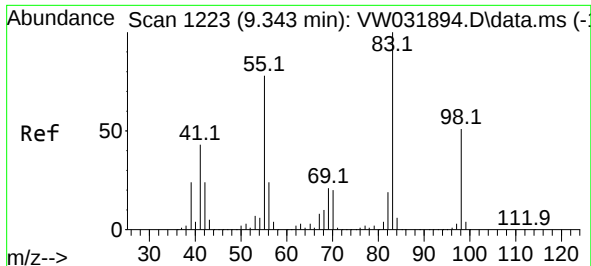
Tgt Ion: 43	Resp: 47508
Ion Ratio	Lower Upper
43 100	
61 14.9	10.6 15.8
70 11.8	9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.597 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:117	Resp:	75413	
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.3	111.5
121	31.0	24.6	37.0





#39

Methylcyclohexane

Concen: 19.552 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

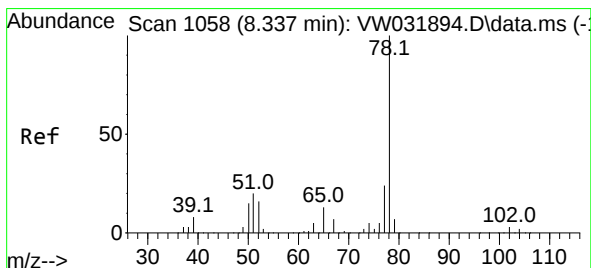
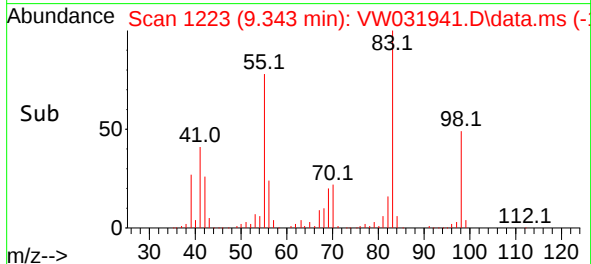
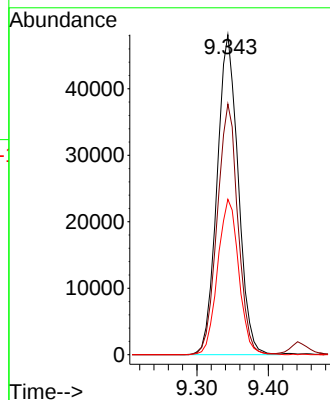
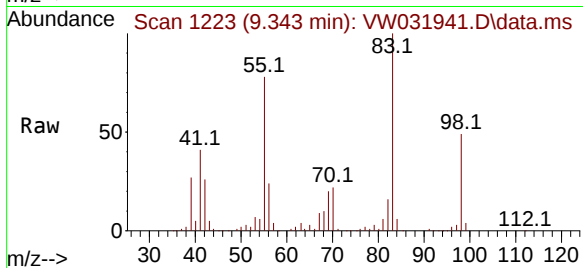
Tgt Ion: 83 Resp: 98660

Ion Ratio Lower Upper

83 100

55 78.3 62.5 93.7

98 48.5 40.6 61.0



#40

Benzene

Concen: 20.115 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031941.D

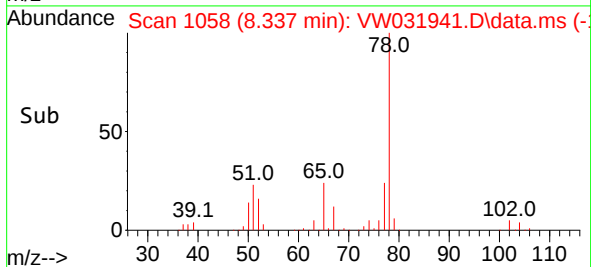
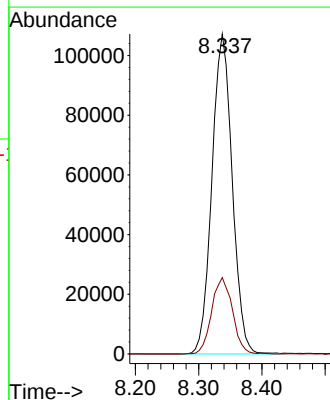
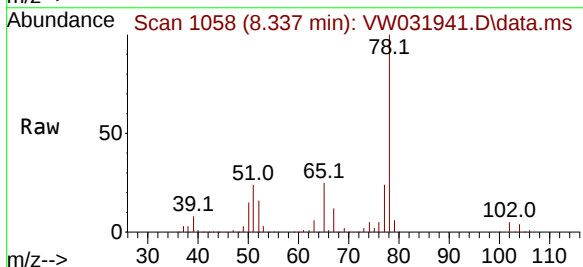
Acq: 28 Jul 2025 12:23

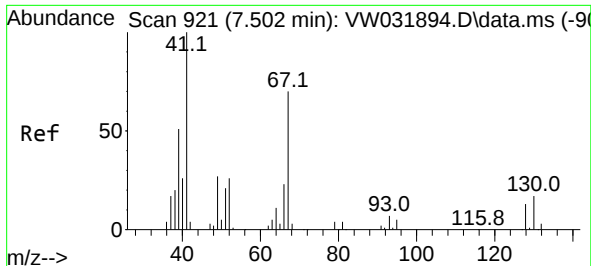
Tgt Ion: 78 Resp: 238756

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

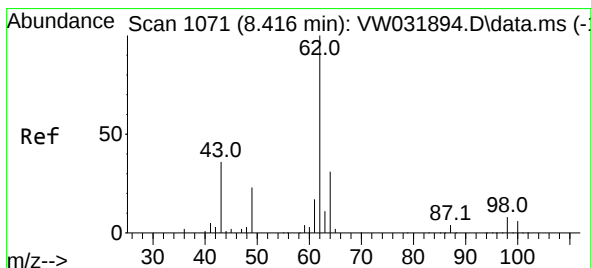
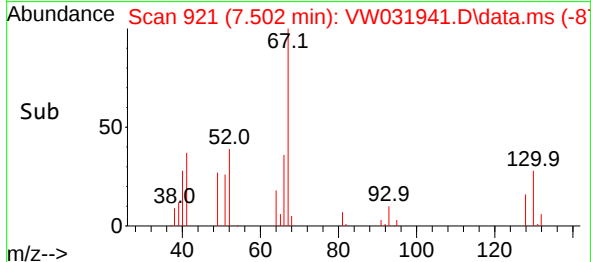
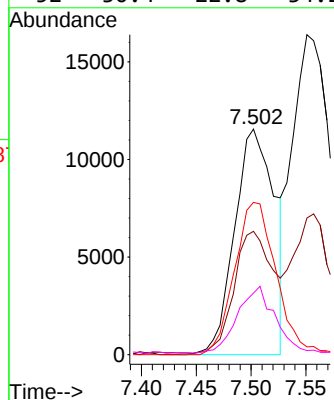
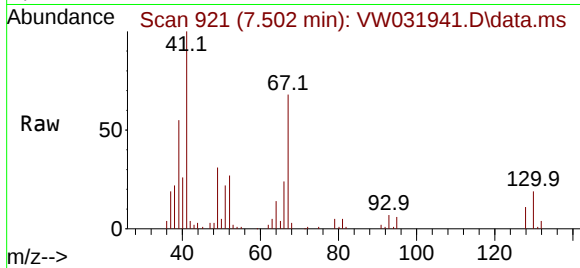




#41
Methacrylonitrile
Concen: 21.332 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

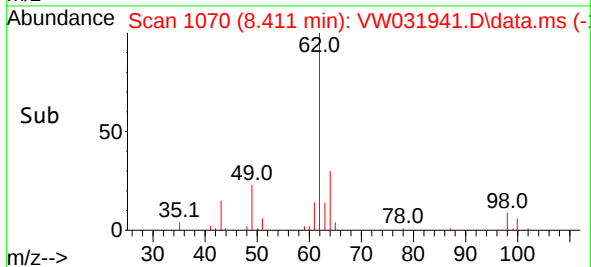
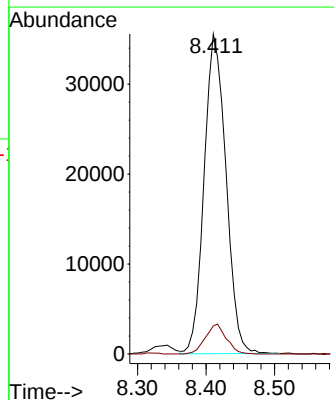
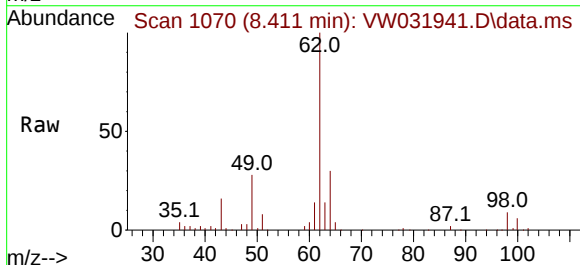
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

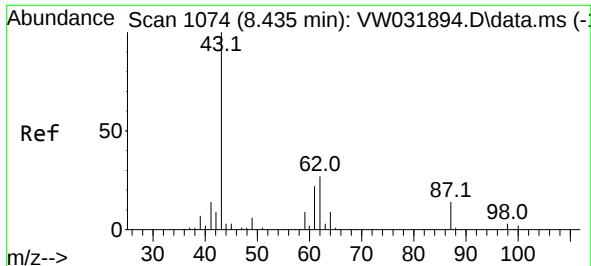
Tgt Ion:	41	Resp:	29209
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.1	61.7
67	70.7	56.2	84.4
52	30.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.766 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:	62	Resp:	78886
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

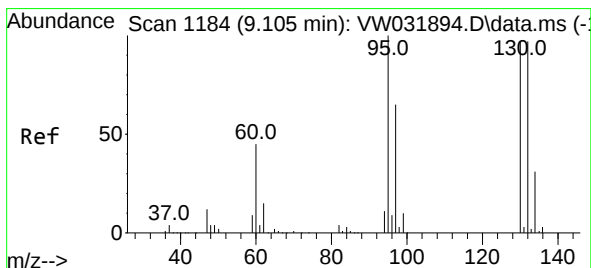
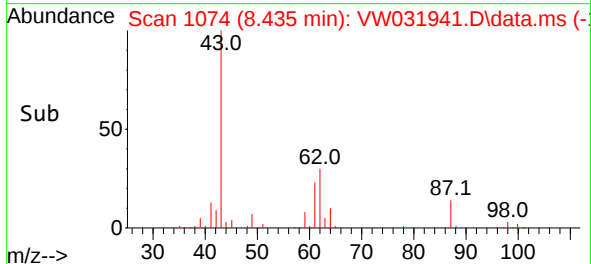
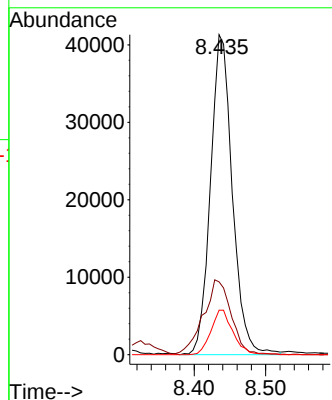
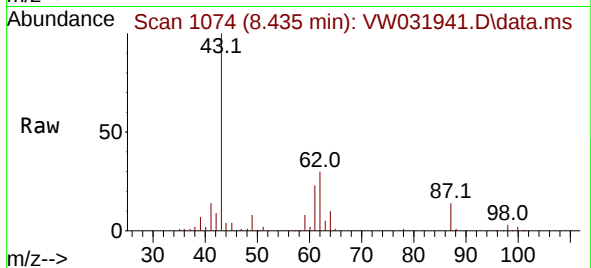




#43
Isopropyl Acetate
Concen: 21.183 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

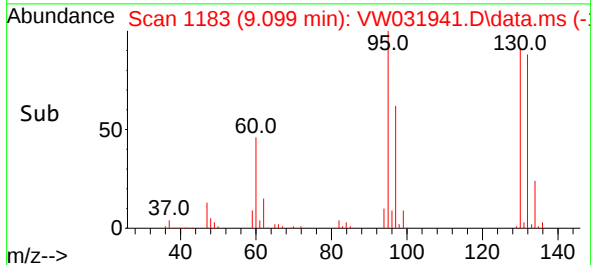
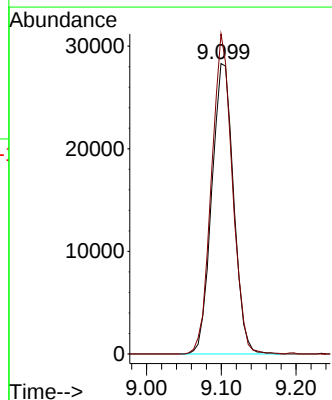
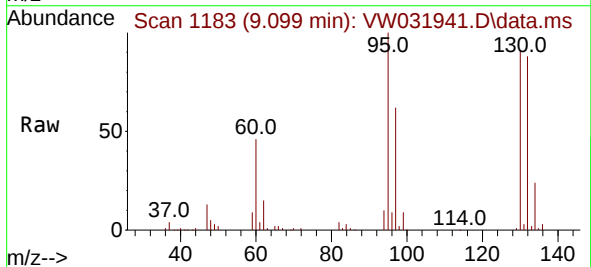
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

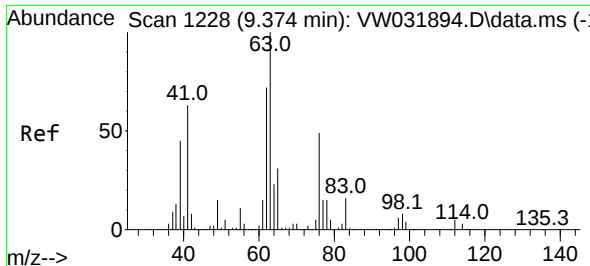
Tgt Ion: 43 Resp: 87718
Ion Ratio Lower Upper
43 100
61 29.8 24.0 36.0
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 20.363 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:130 Resp: 57452
Ion Ratio Lower Upper
130 100
95 110.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.337 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

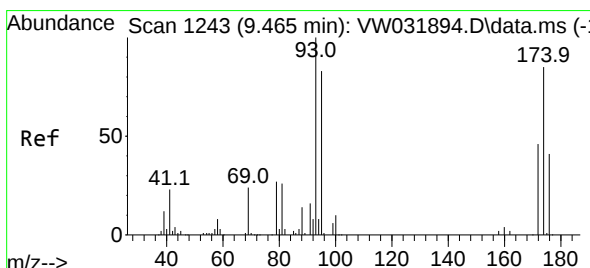
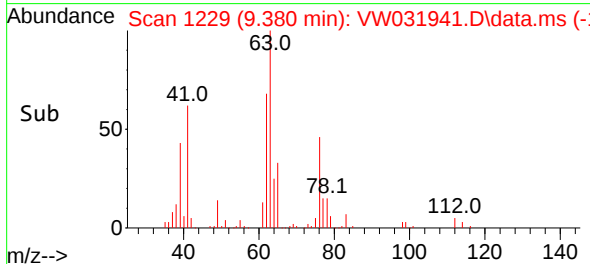
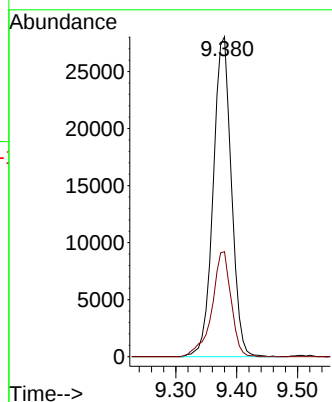
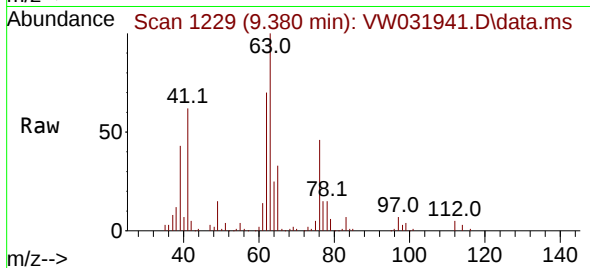
VW0728SBS01

Tgt Ion: 63 Resp: 58135

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 21.153 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

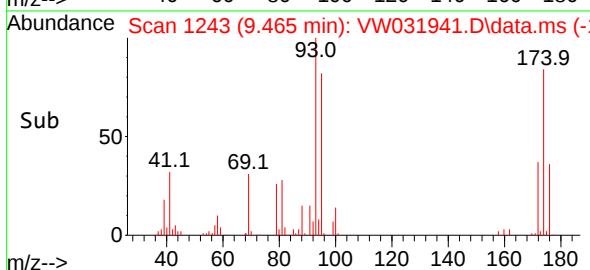
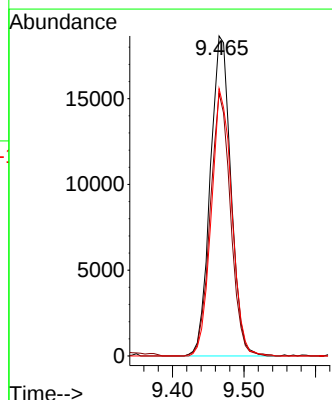
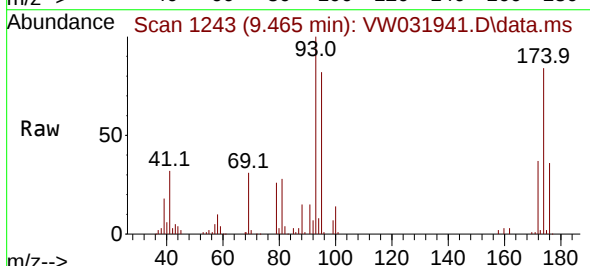
Tgt Ion: 93 Resp: 37483

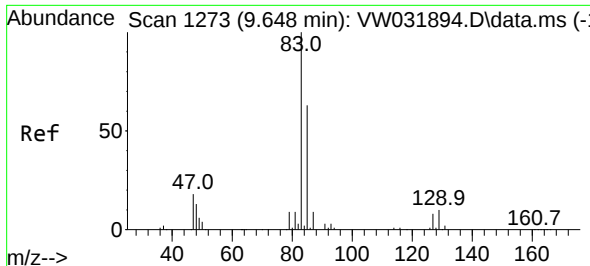
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.6

174 82.6 70.2 105.2

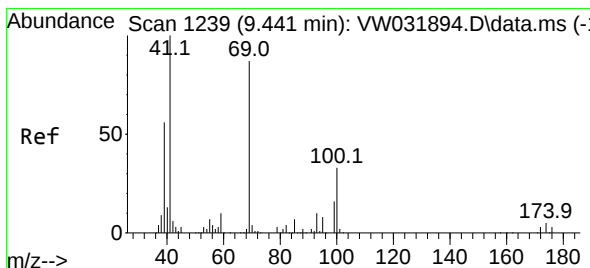
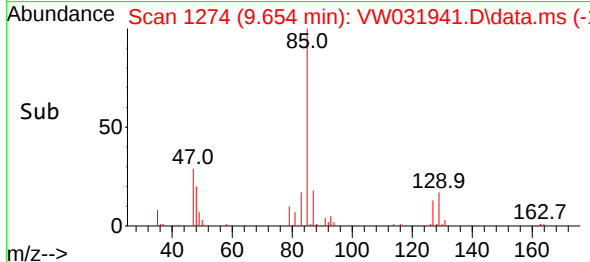
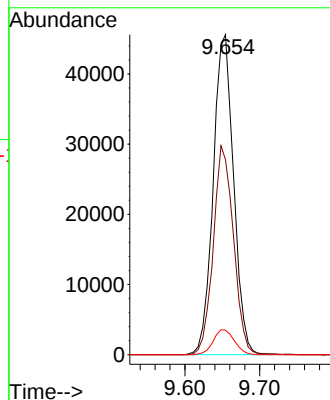
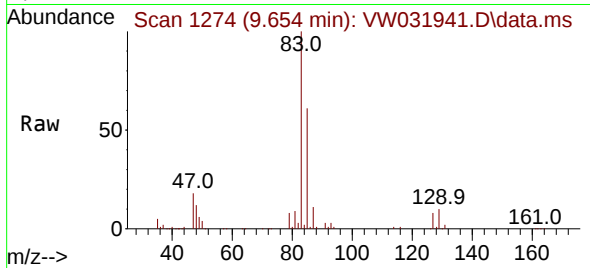




#47
Bromodichloromethane
Concen: 20.399 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

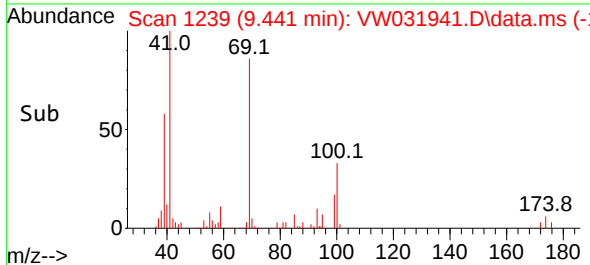
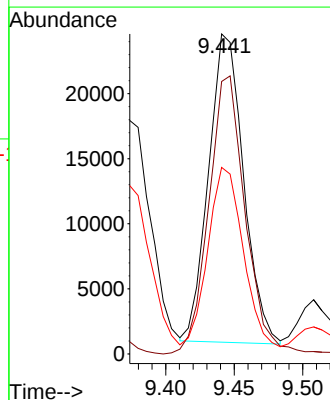
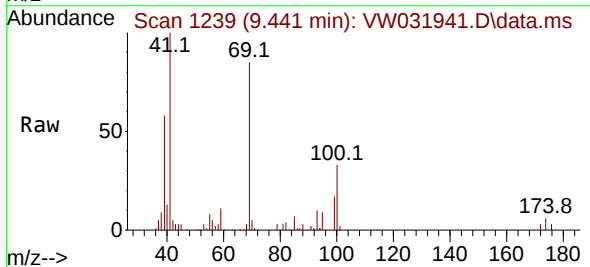
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

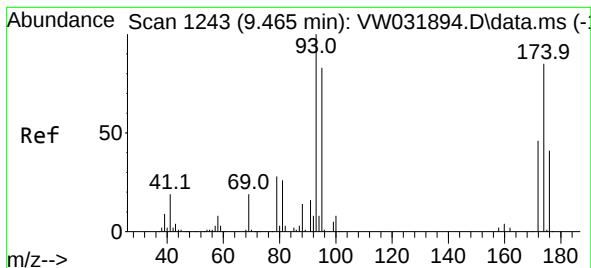
Tgt Ion: 83 Resp: 86678
Ion Ratio Lower Upper
83 100
85 60.9 50.6 76.0
127 7.6 6.5 9.7



#48
Methyl methacrylate
Concen: 21.335 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 41 Resp: 42032
Ion Ratio Lower Upper
41 100
69 94.7 73.6 110.4
39 58.6 45.5 68.3





#49

1,4-Dioxane

Concen: 466.242 ug/l

RT: 9.471 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

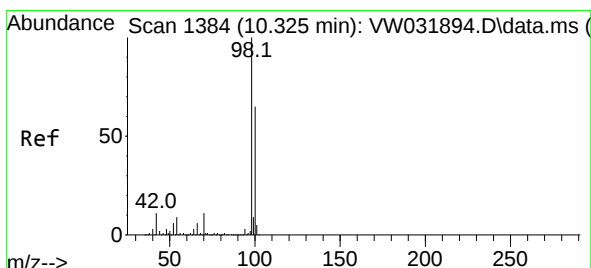
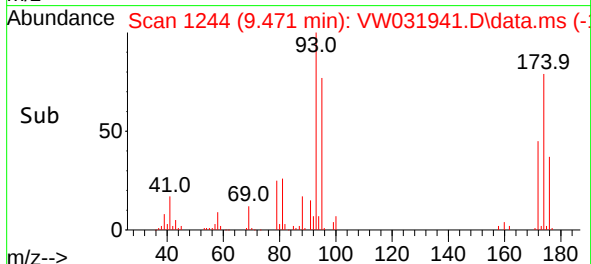
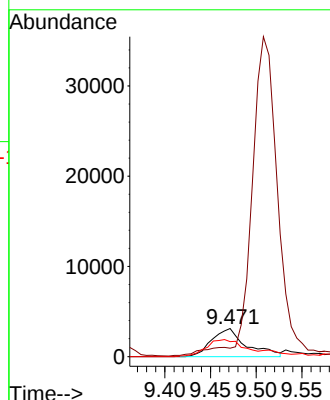
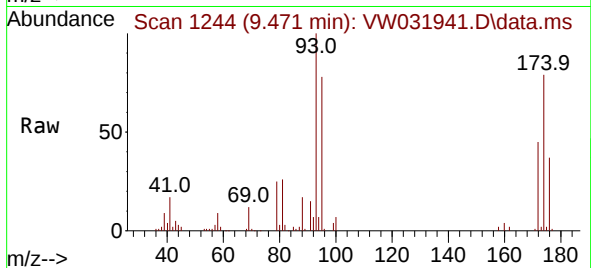
Tgt Ion: 88 Resp: 8244

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 65.5 58.2 87.2



#50

Toluene-d8

Concen: 39.756 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031941.D

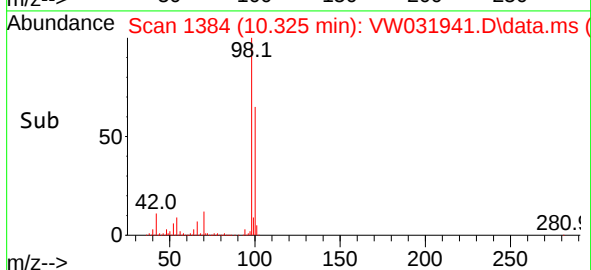
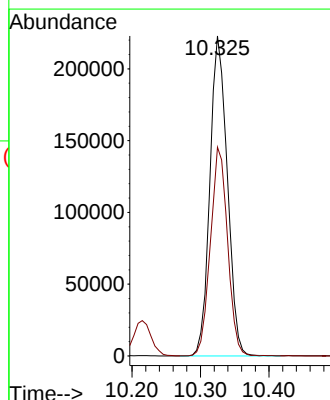
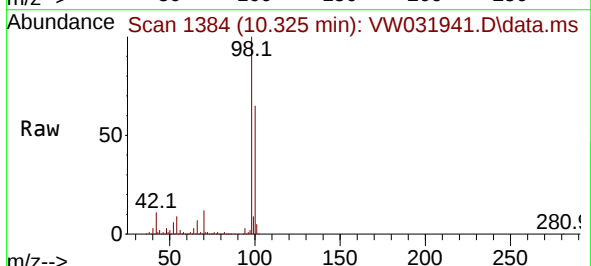
Acq: 28 Jul 2025 12:23

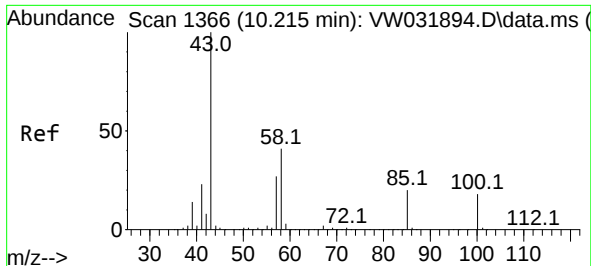
Tgt Ion: 98 Resp: 392857

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5

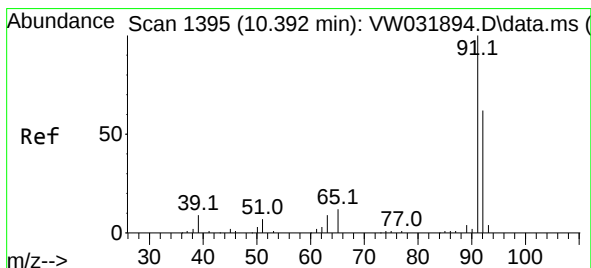
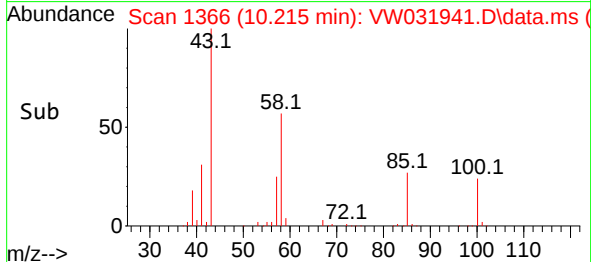
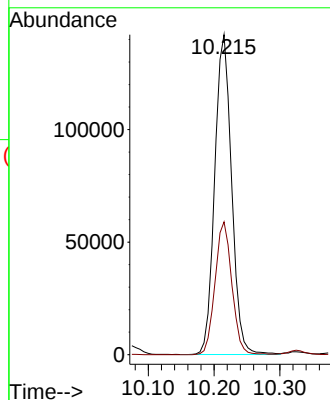
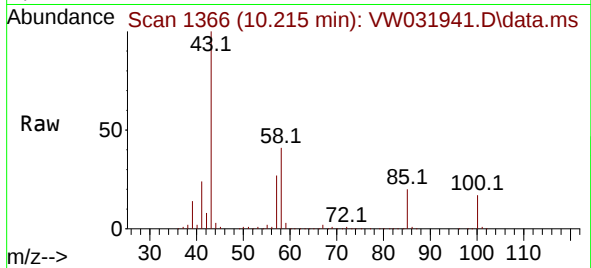




#51
4-Methyl-2-Pentanone
Concen: 112.152 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

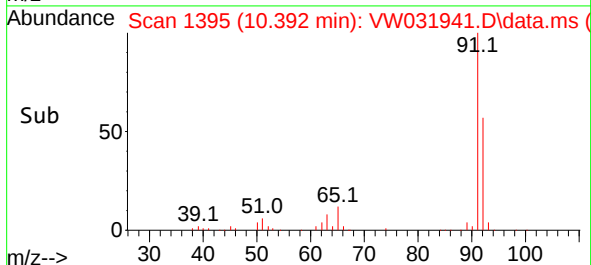
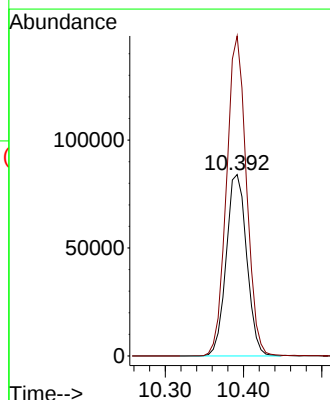
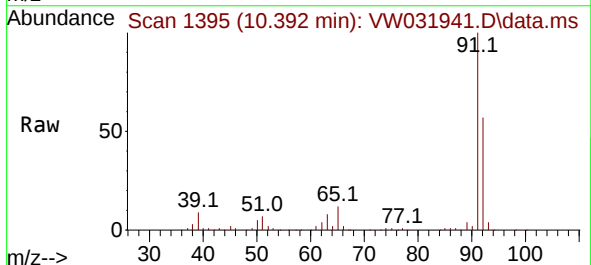
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

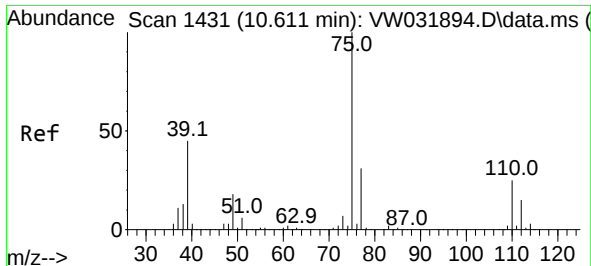
Tgt Ion: 43 Resp: 254159
Ion Ratio Lower Upper
43 100
58 41.3 32.8 49.2



#52
Toluene
Concen: 20.032 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 92 Resp: 152851
Ion Ratio Lower Upper
92 100
91 171.3 133.7 200.5

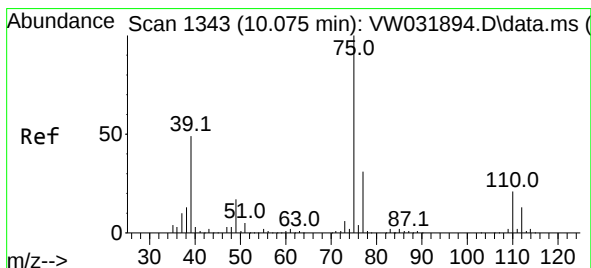
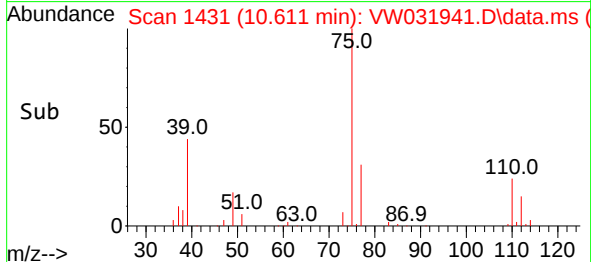
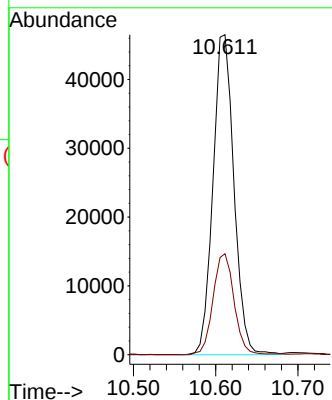
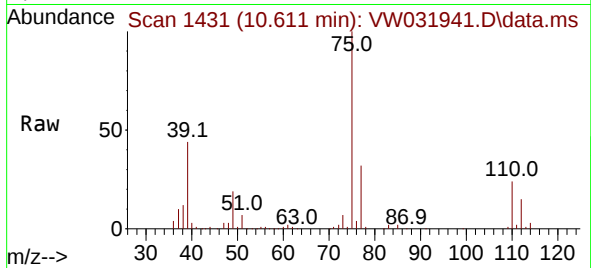




#53
t-1,3-Dichloropropene
Concen: 20.199 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

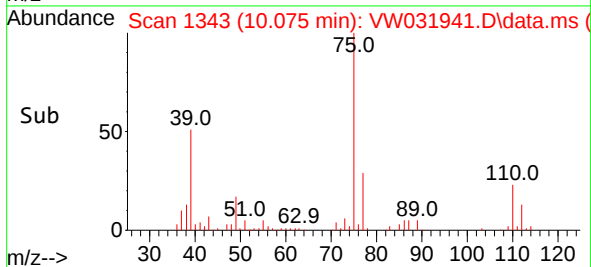
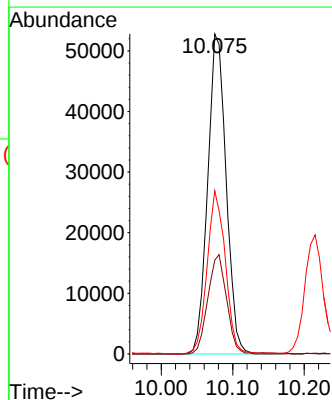
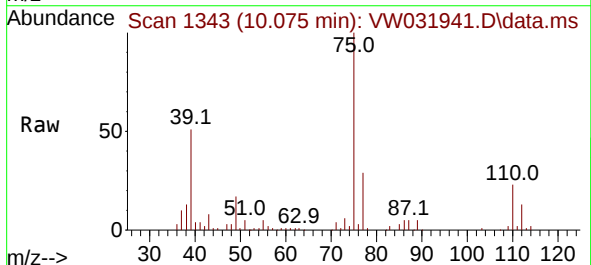
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

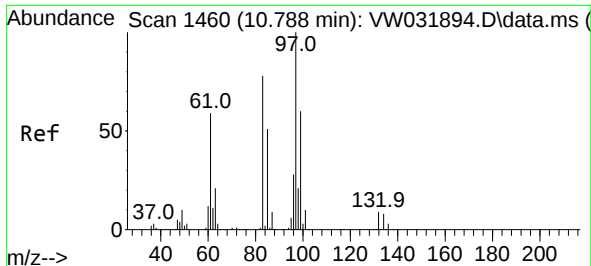
Tgt Ion: 75 Resp: 82332
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.340 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 75 Resp: 94679
Ion Ratio Lower Upper
75 100
77 29.3 24.5 36.7
39 51.0 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 20.666 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tgt Ion: 97 Resp: 48645

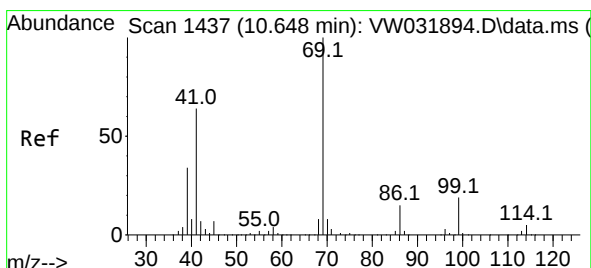
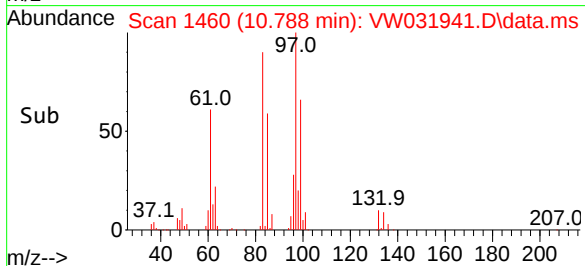
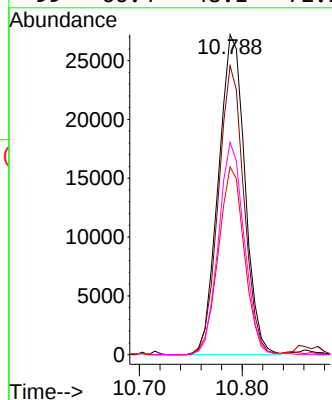
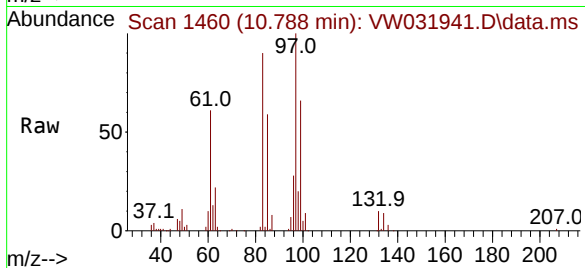
Ion Ratio Lower Upper

97 100

83 90.3 62.4 93.6

85 58.7 41.0 61.6

99 66.4 48.1 72.1



#56

Ethyl methacrylate

Concen: 20.807 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

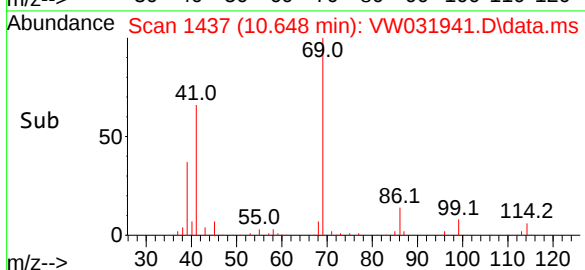
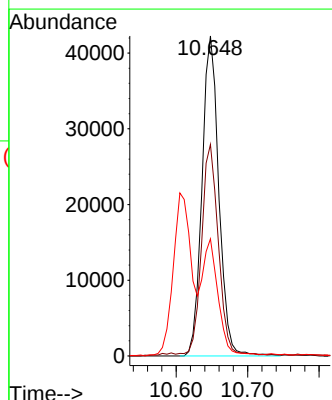
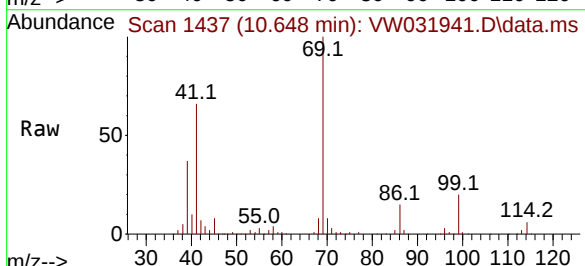
Tgt Ion: 69 Resp: 69168

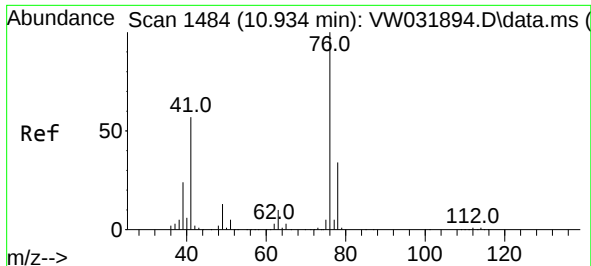
Ion Ratio Lower Upper

69 100

41 64.8 52.0 78.0

39 33.5 26.6 40.0





#57

1,3-Dichloropropane

Concen: 20.831 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

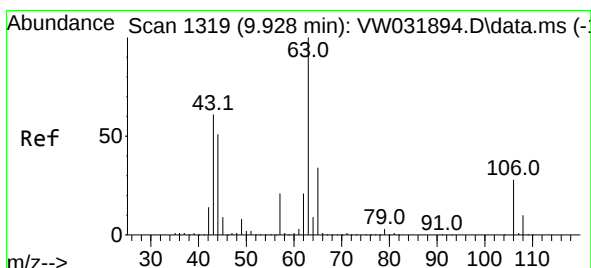
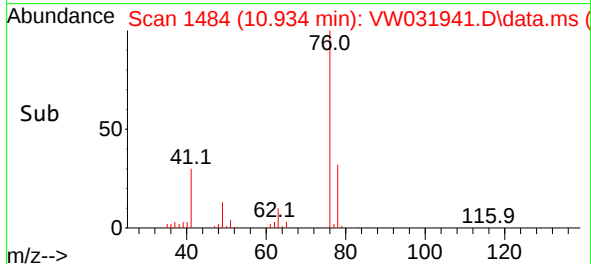
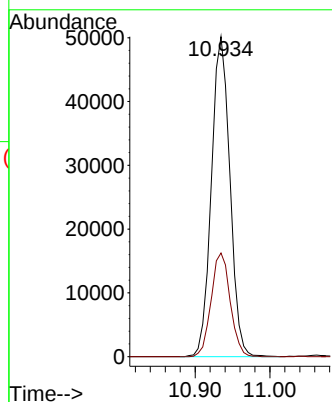
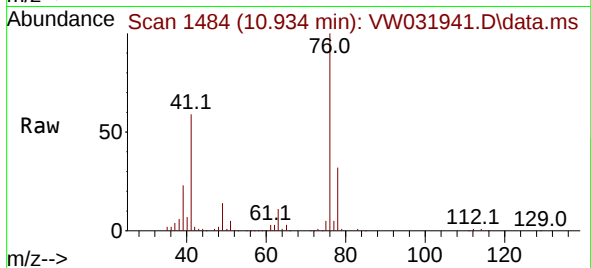
VW0728SBS01

Tgt Ion: 76 Resp: 86381

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 111.648 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031941.D

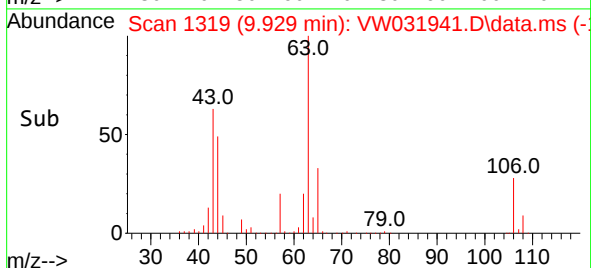
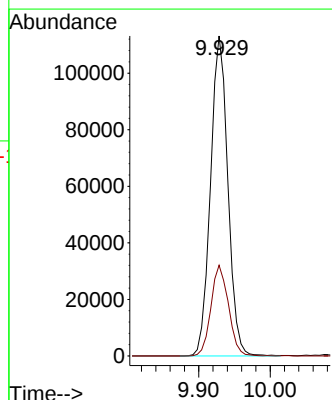
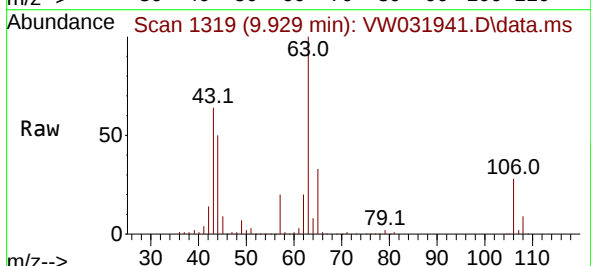
Acq: 28 Jul 2025 12:23

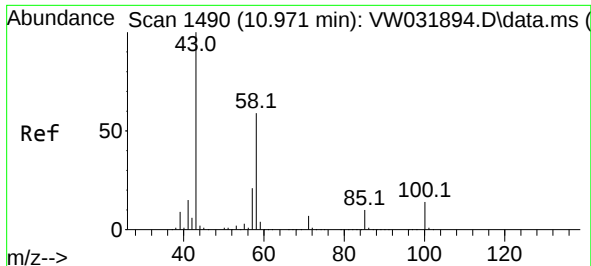
Tgt Ion: 63 Resp: 190643

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

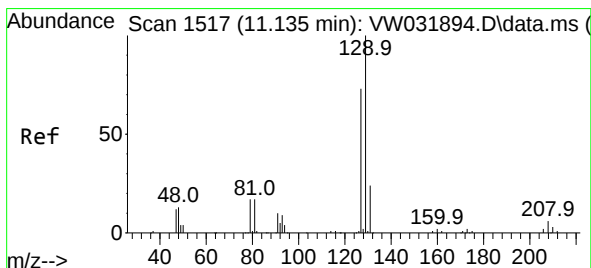
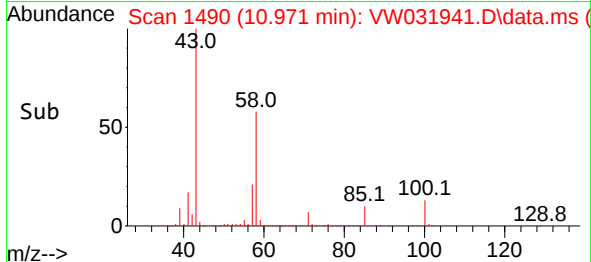
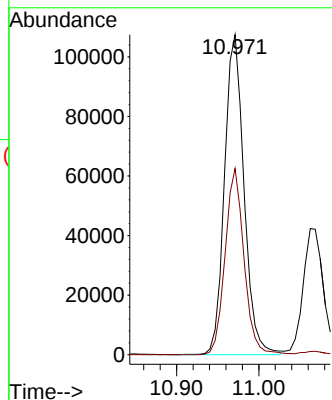
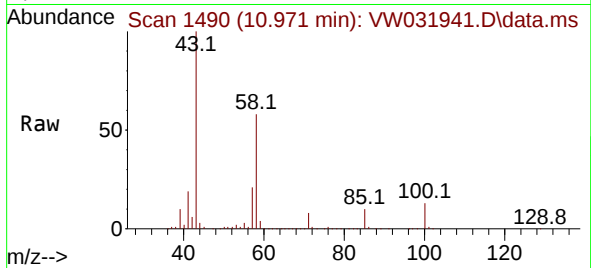




#59
2-Hexanone
Concen: 112.748 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

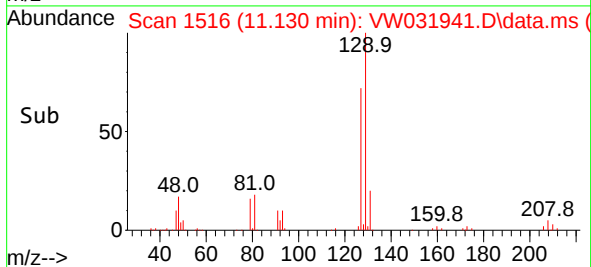
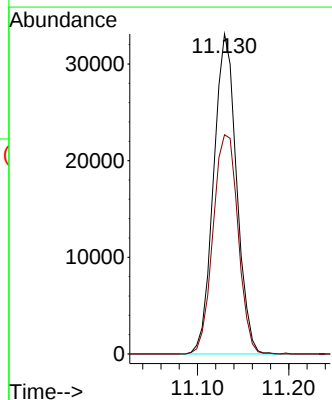
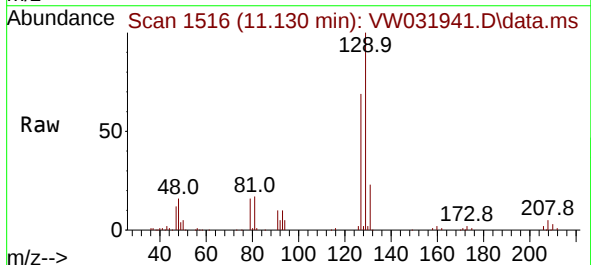
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

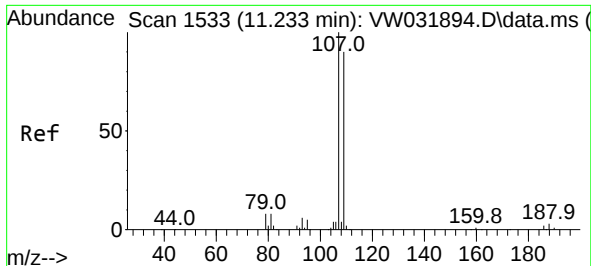
Tgt Ion: 43 Resp: 177604
Ion Ratio Lower Upper
43 100
58 56.5 28.5 85.6



#60
Dibromochloromethane
Concen: 21.004 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:129 Resp: 57643
Ion Ratio Lower Upper
129 100
127 74.7 39.6 118.8

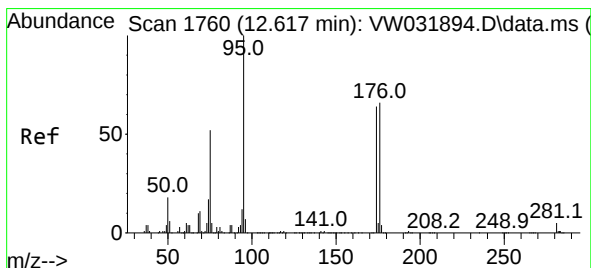
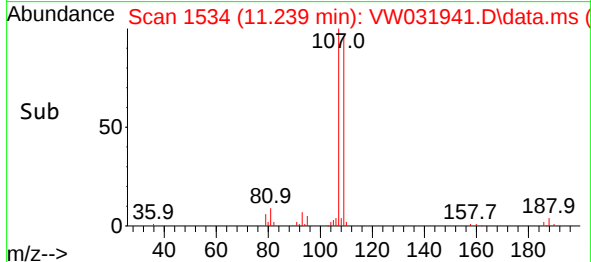
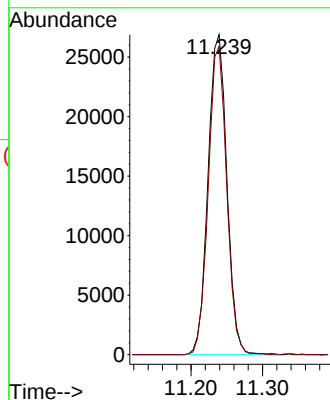
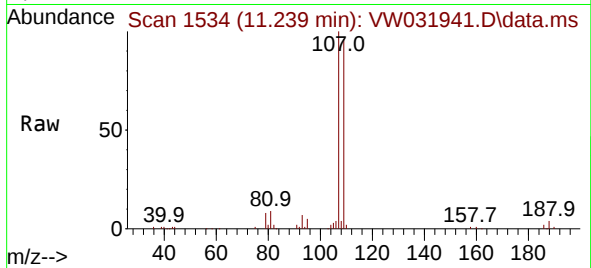




#61
1,2-Dibromoethane
Concen: 21.163 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

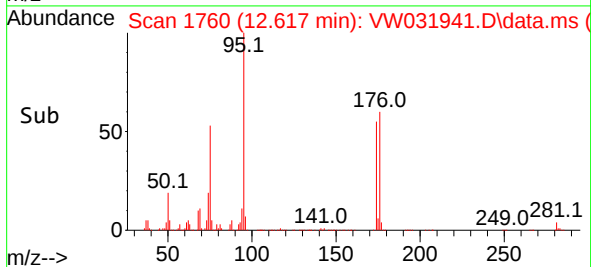
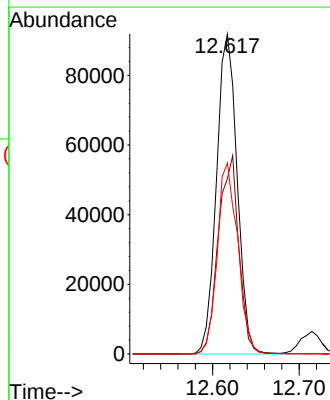
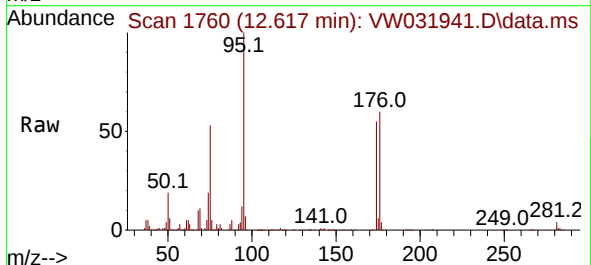
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

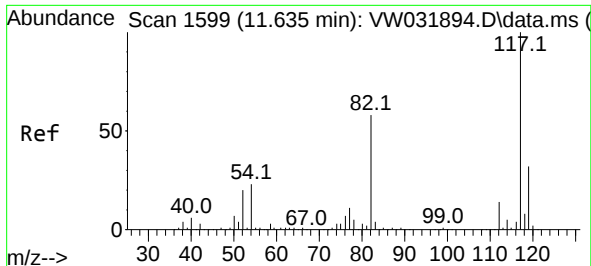
Tgt Ion:107 Resp: 49222
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 40.110 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 95 Resp: 152194
Ion Ratio Lower Upper
95 100
174 61.5 0.0 129.8
176 59.4 0.0 130.4

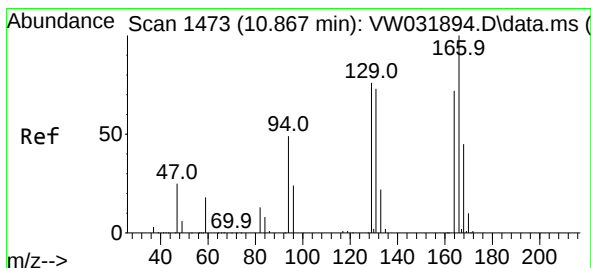
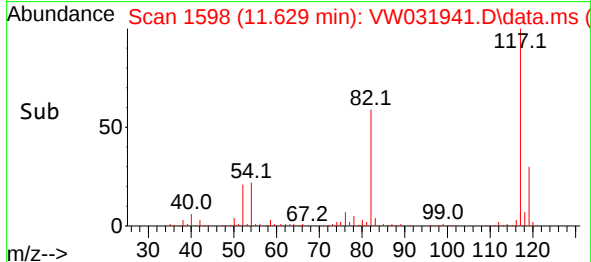
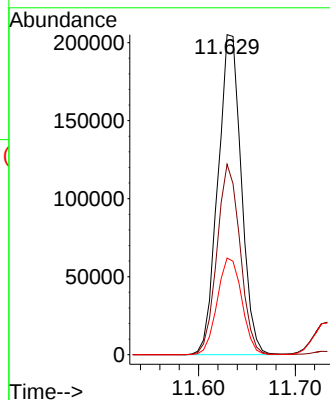
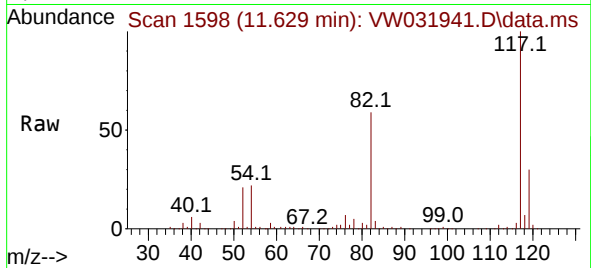




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

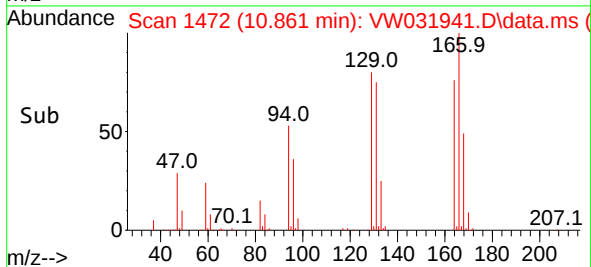
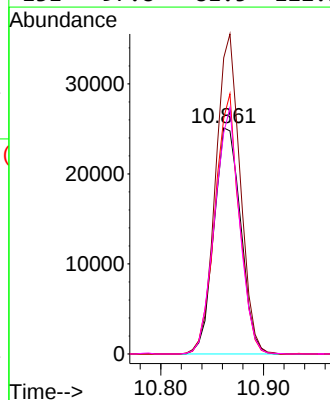
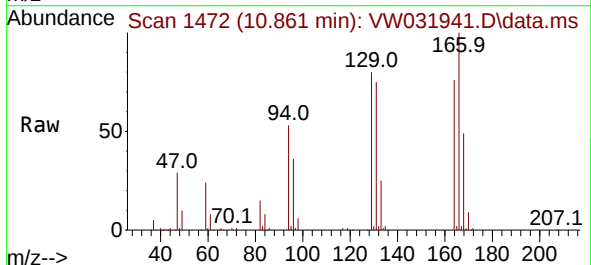
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

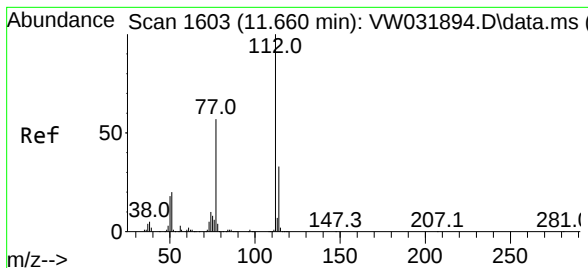
Tgt Ion:117 Resp: 345139
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 30.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.960 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:164 Resp: 45419
Ion Ratio Lower Upper
164 100
166 131.0 111.5 167.3
129 104.2 85.1 127.7
131 97.8 81.5 122.3

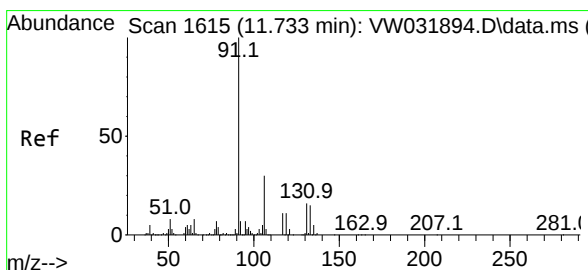
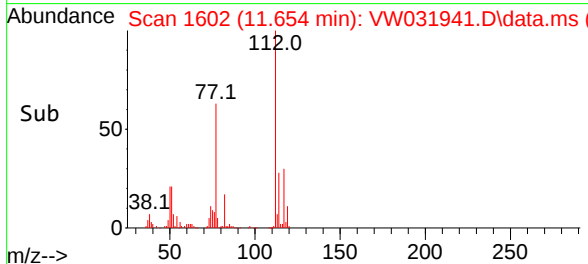
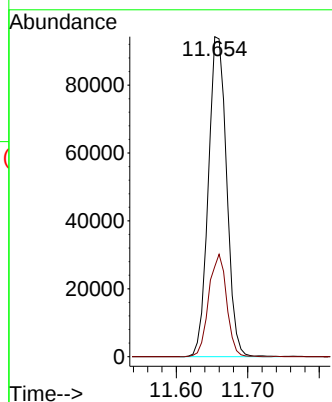
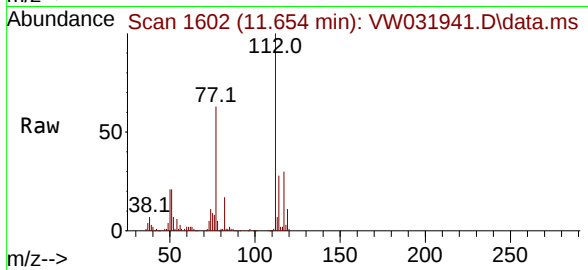




#65
Chlorobenzene
Concen: 19.809 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

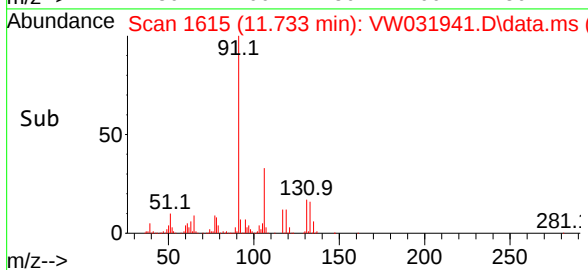
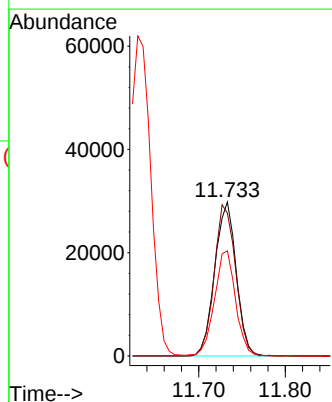
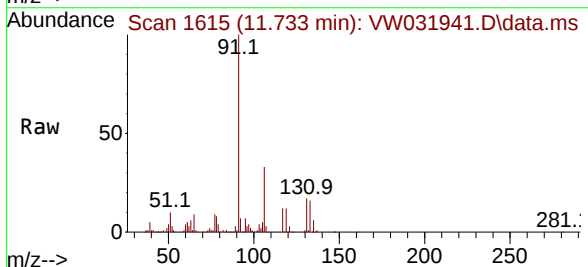
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

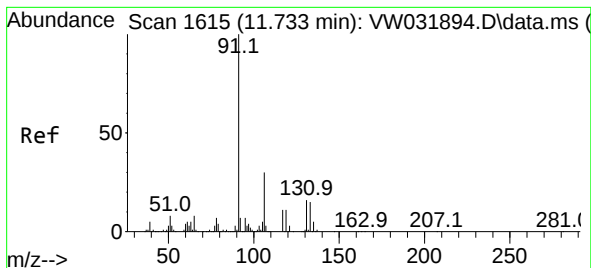
Tgt Ion:112 Resp: 167331
Ion Ratio Lower Upper
112 100
114 28.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.603 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:131 Resp: 51335
Ion Ratio Lower Upper
131 100
133 98.2 48.1 144.4
119 67.0 33.7 101.1

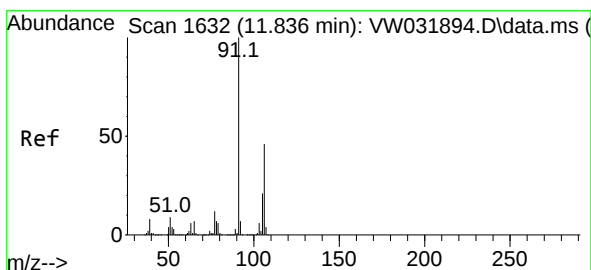
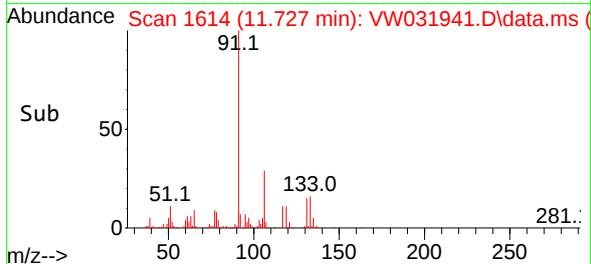
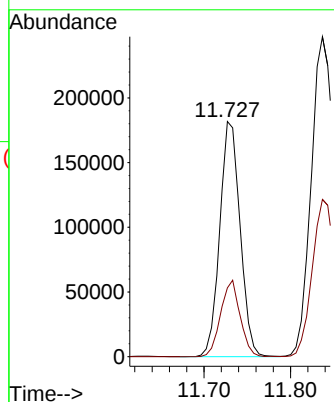
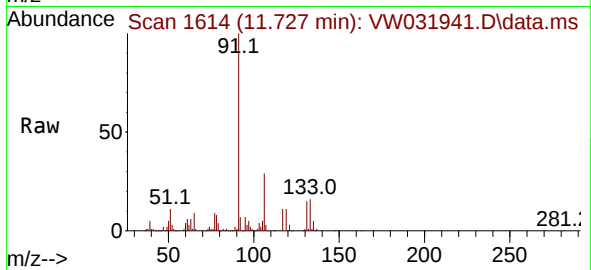




#67
Ethyl Benzene
Concen: 19.979 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

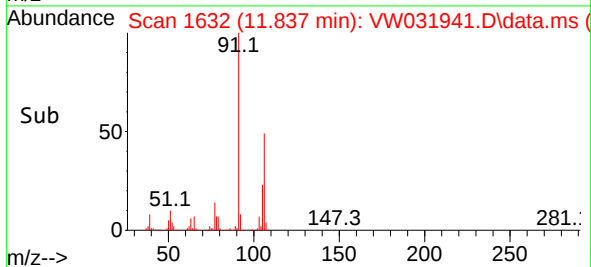
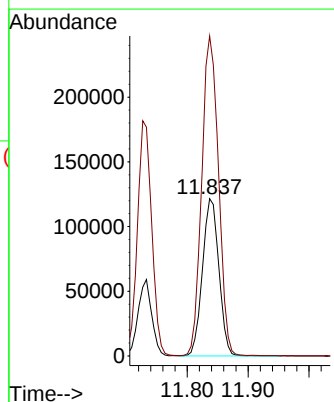
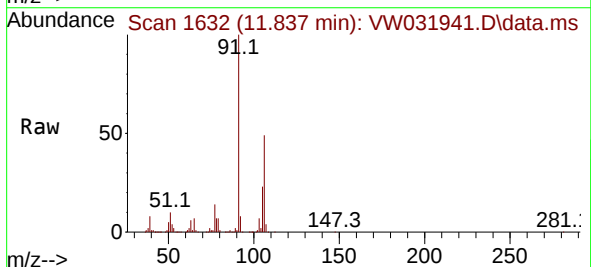
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

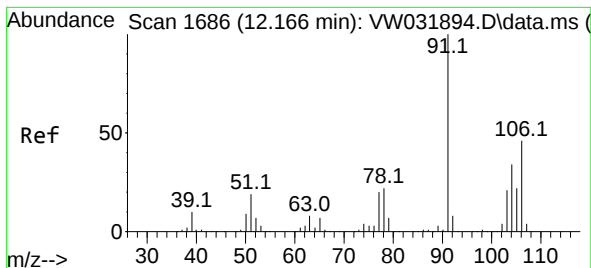
Tgt Ion: 91 Resp: 296524
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6



#68
m/p-Xylenes
Concen: 40.754 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:106 Resp: 227699
Ion Ratio Lower Upper
106 100
91 208.1 167.7 251.5

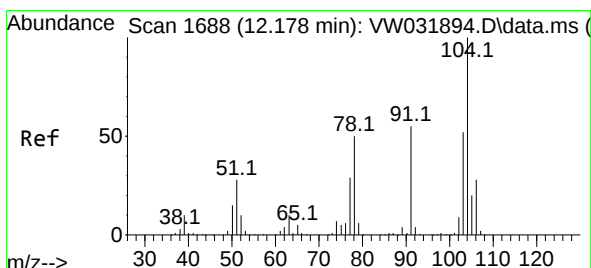
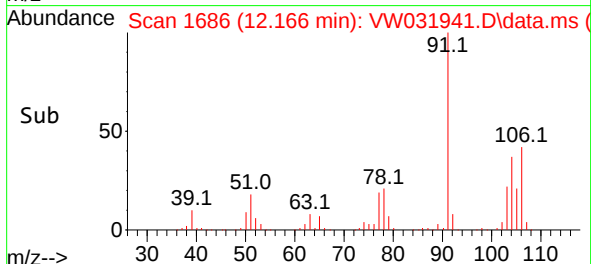
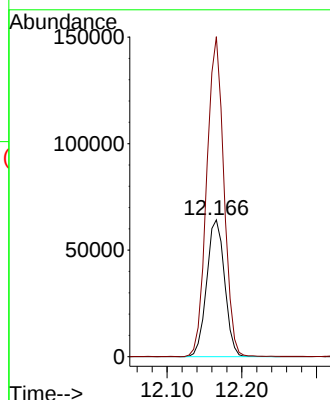
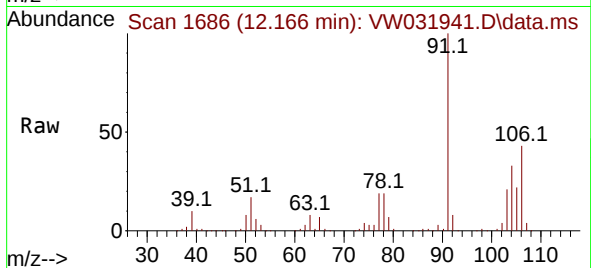




#69
o-Xylene
Concen: 20.226 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

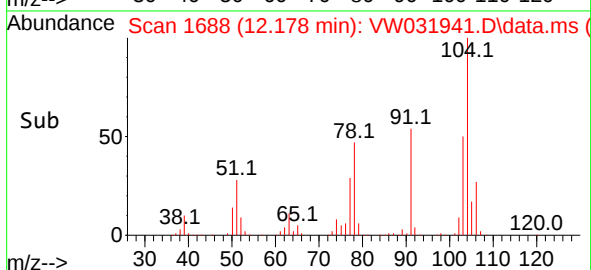
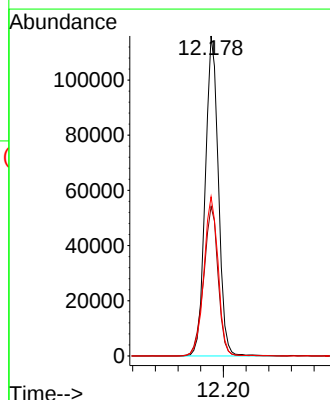
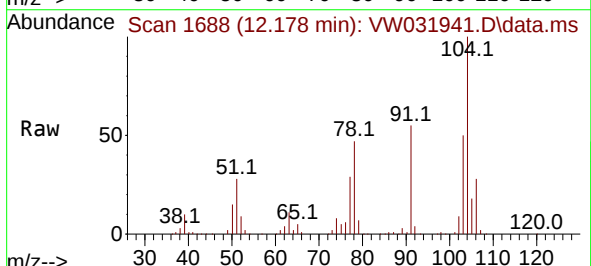
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

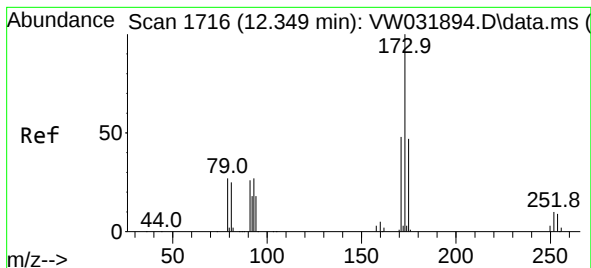
Tgt Ion:106 Resp: 106945
Ion Ratio Lower Upper
106 100
91 224.2 108.2 324.6



#70
Styrene
Concen: 20.692 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:104 Resp: 186281
Ion Ratio Lower Upper
104 100
78 51.2 42.2 63.4
103 53.7 42.8 64.2





#71

Bromoform

Concen: 20.771 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

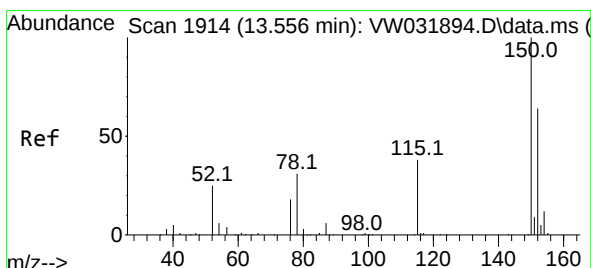
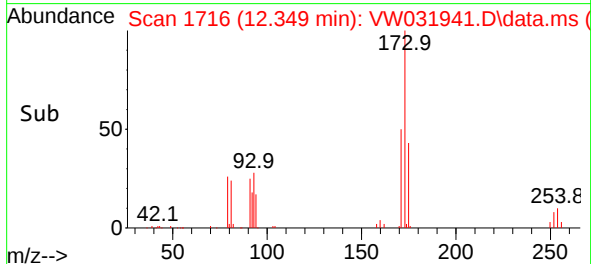
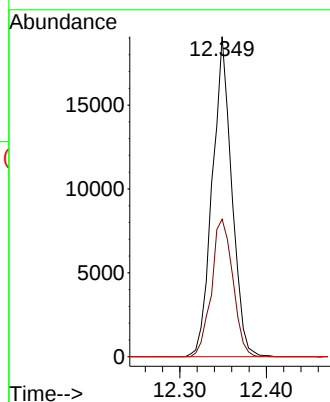
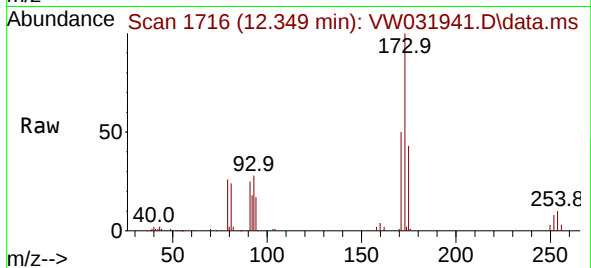
Tgt Ion:173 Resp: 29748

Ion Ratio Lower Upper

173 100

175 47.1 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: VW031941.D

Acq: 28 Jul 2025 12:23

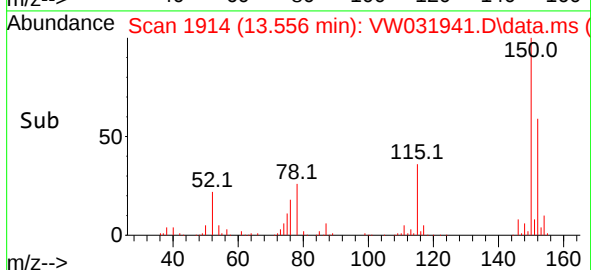
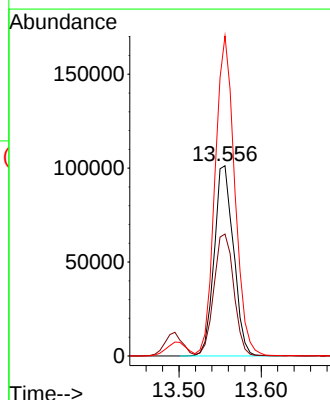
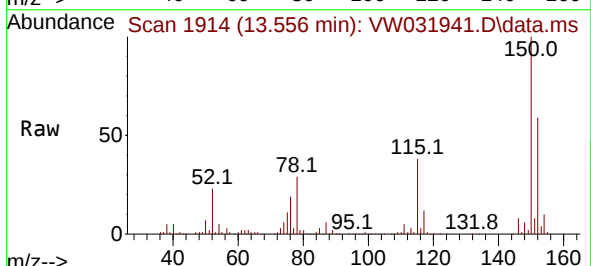
Tgt Ion:152 Resp: 165491

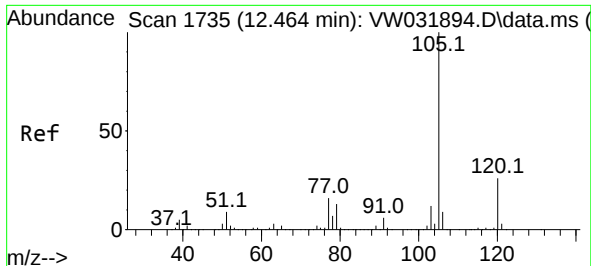
Ion Ratio Lower Upper

152 100

115 66.1 33.4 100.1

150 171.1 0.0 352.2

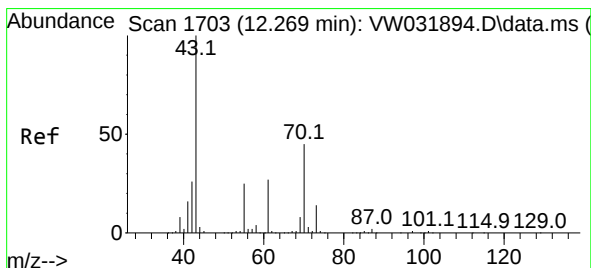
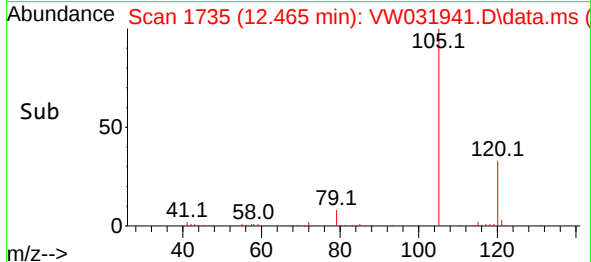
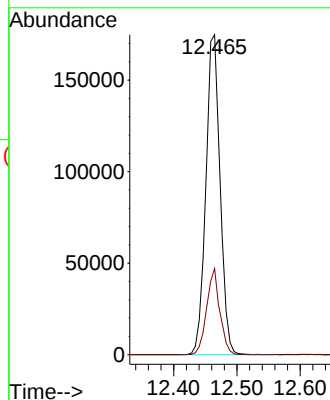
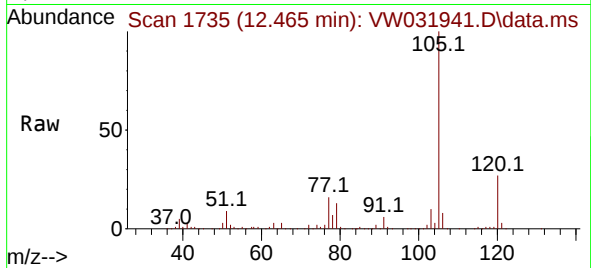




#73
Isopropylbenzene
Concen: 19.083 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

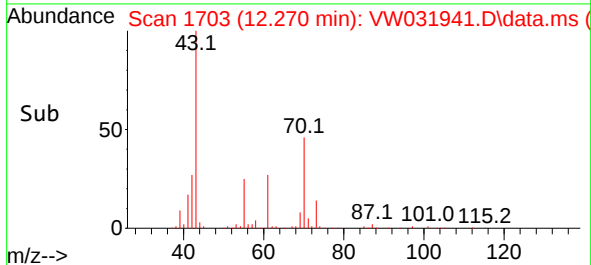
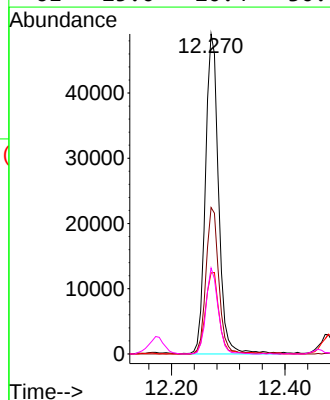
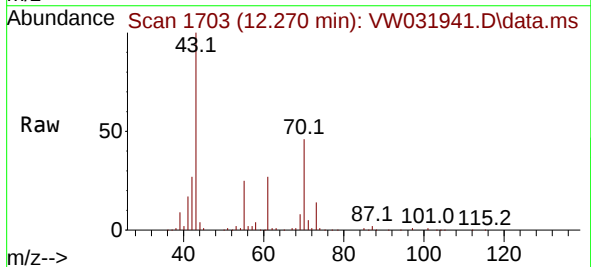
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

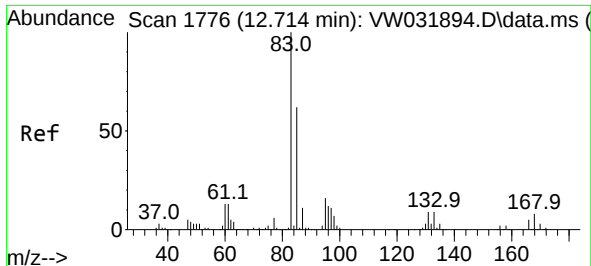
Tgt Ion:105 Resp: 274011
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.8



#74
N-ethyl acetate
Concen: 20.285 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 43 Resp: 78745
Ion Ratio Lower Upper
43 100
70 45.1 36.6 55.0
55 26.1 20.7 31.1
61 25.0 20.4 30.6

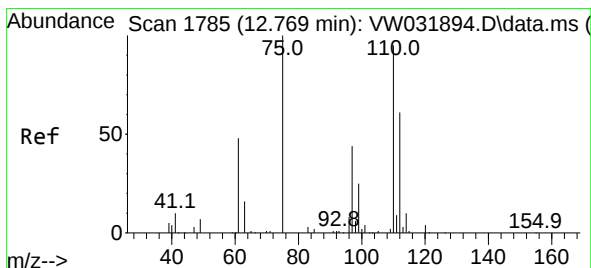
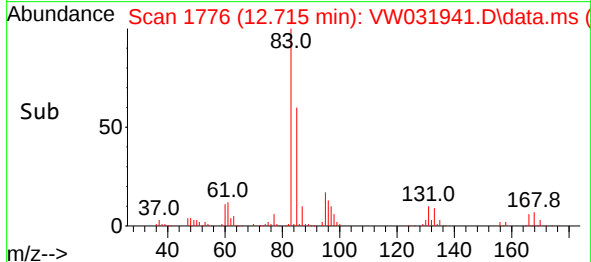
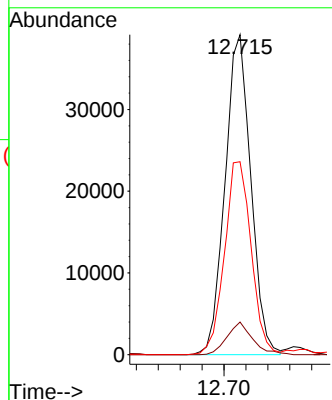
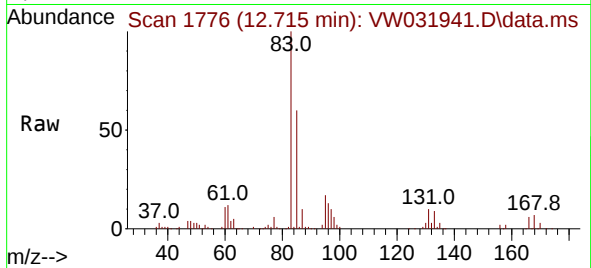




#75
1,1,2,2-Tetrachloroethane
Concen: 20.999 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

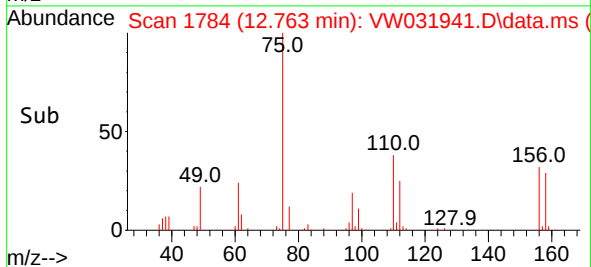
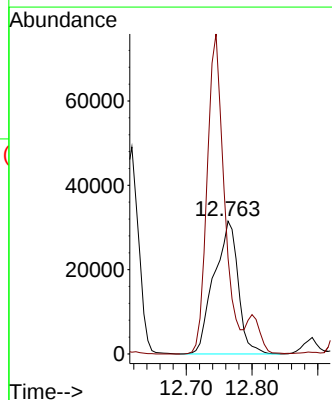
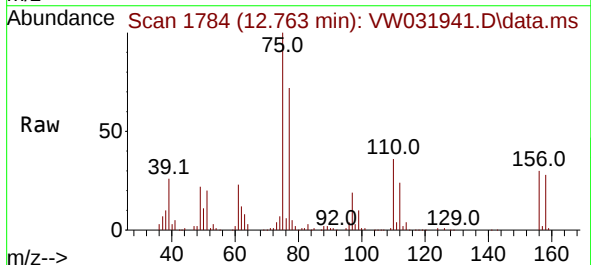
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

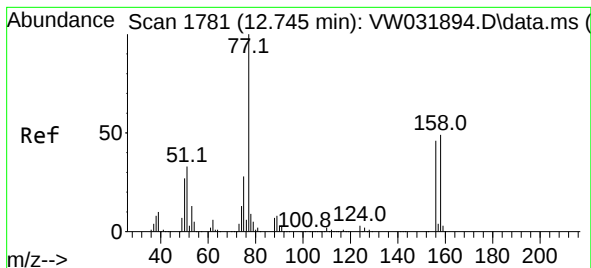
Tgt Ion: 83 Resp: 64003
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 62.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 35.224 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 75 Resp: 80481
Ion Ratio Lower Upper
75 100
77 170.5 0.0 0.0#





#77

Bromobenzene

Concen: 19.936 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

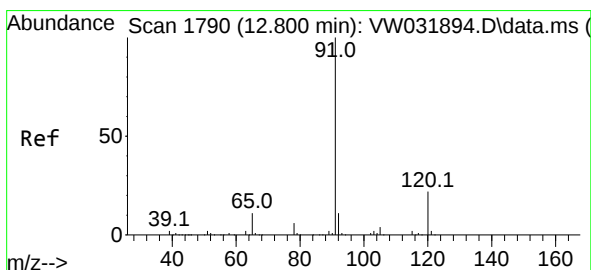
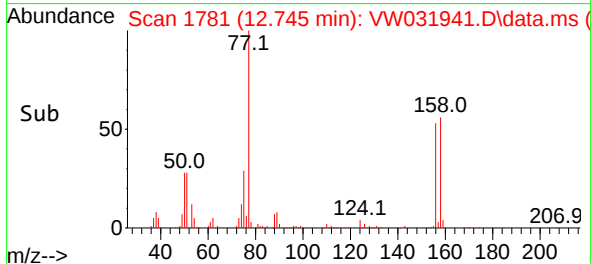
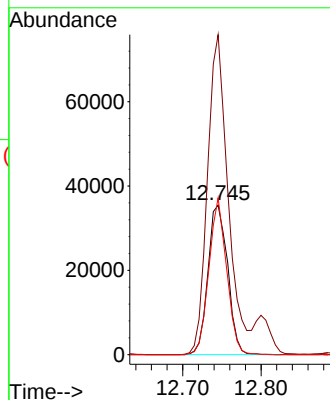
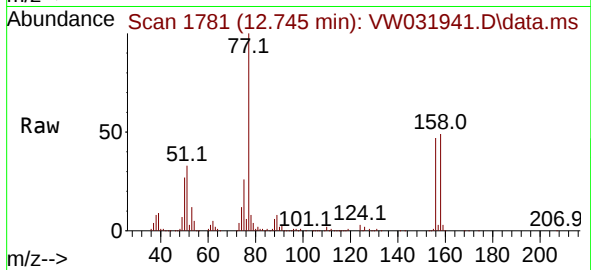
Tgt Ion:156 Resp: 61937

Ion Ratio Lower Upper

156 100

77 221.5 115.3 345.8

158 94.6 50.1 150.3



#78

n-propylbenzene

Concen: 19.468 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031941.D

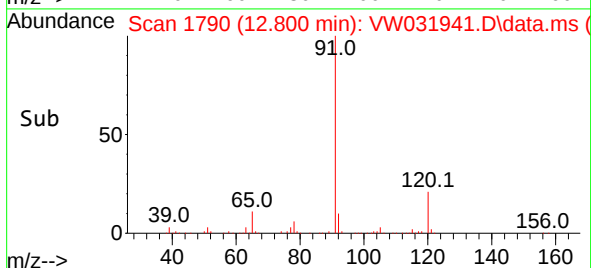
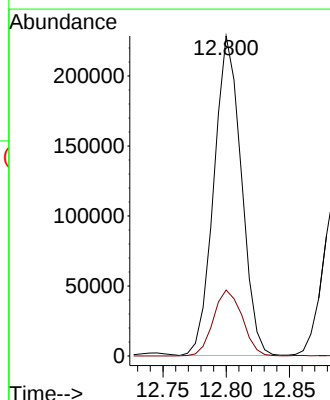
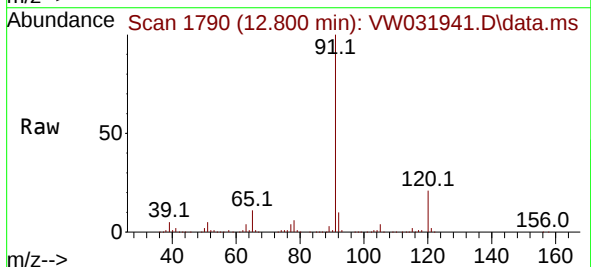
Acq: 28 Jul 2025 12:23

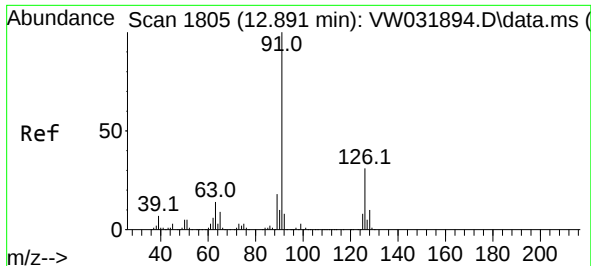
Tgt Ion: 91 Resp: 343332

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

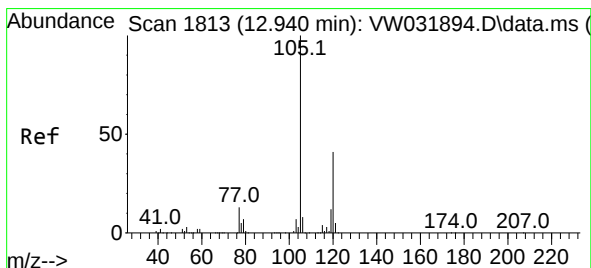
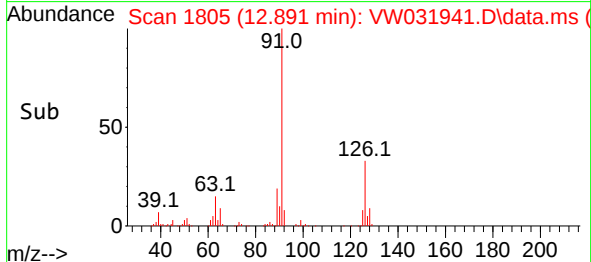
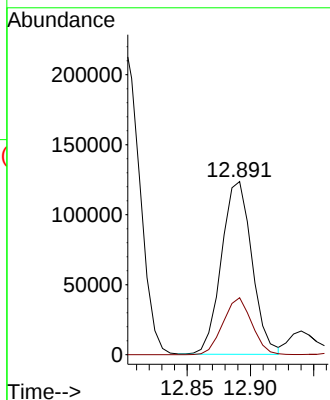
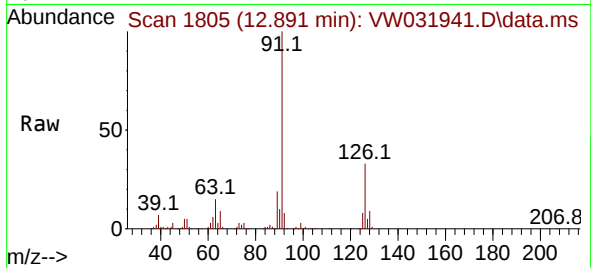




#79
2-Chlorotoluene
Concen: 19.696 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

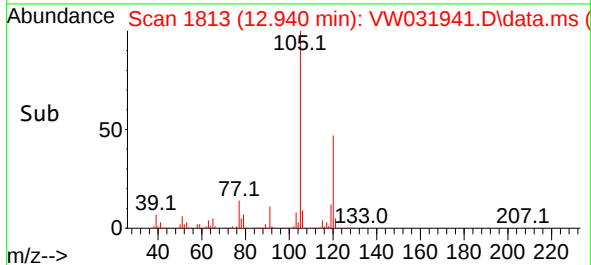
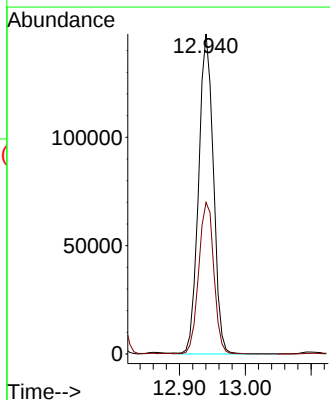
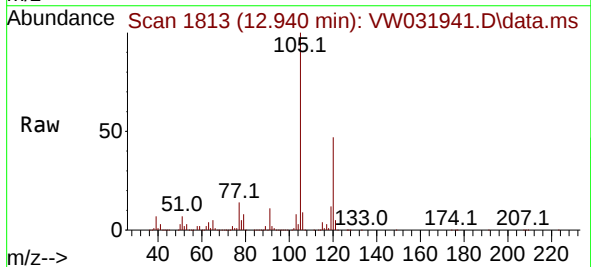
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

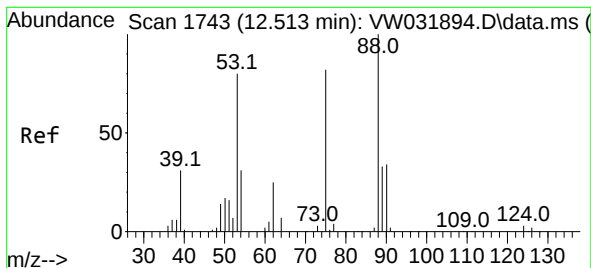
Tgt Ion: 91 Resp: 207392
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 19.185 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 105 Resp: 231045
Ion Ratio Lower Upper
105 100
120 48.5 23.5 70.5

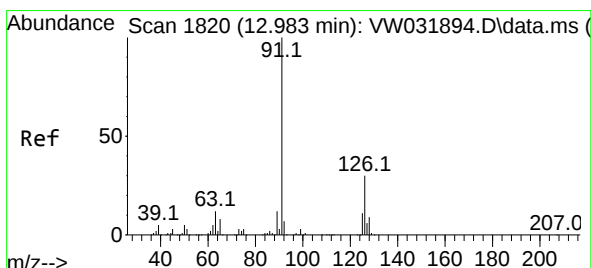
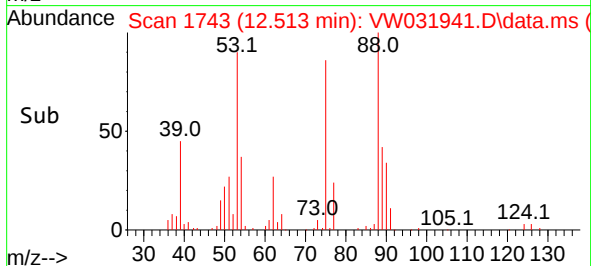
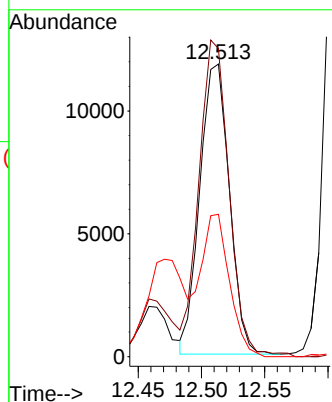
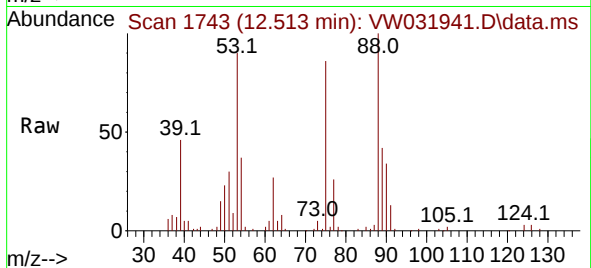




#81
trans-1,4-Dichloro-2-butene
Concen: 19.411 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

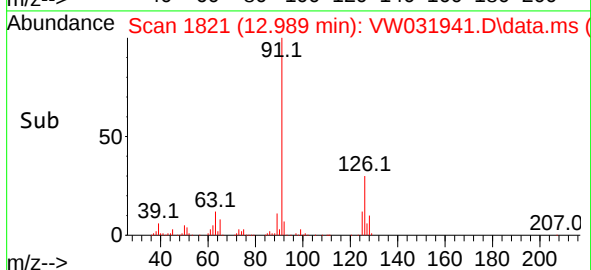
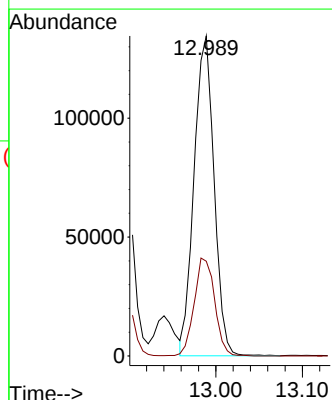
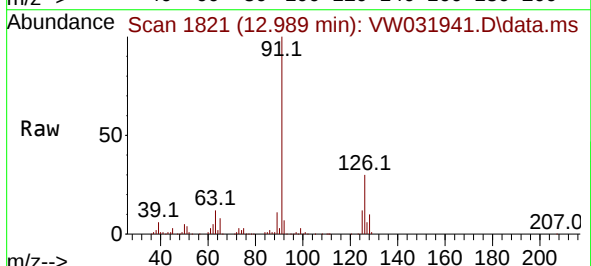
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

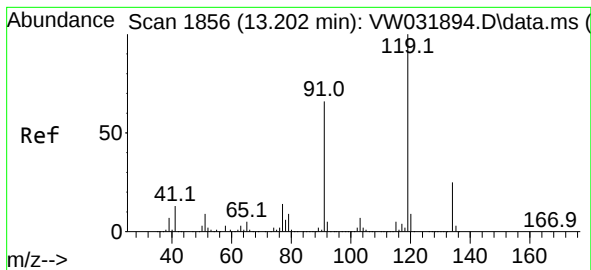
Tgt Ion:	75	Resp:	19210
Ion	Ratio	Lower	Upper
75	100		
53	111.1	83.7	125.5
89	48.5	39.0	58.6



#82
4-Chlorotoluene
Concen: 19.487 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:	91	Resp:	215256
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3

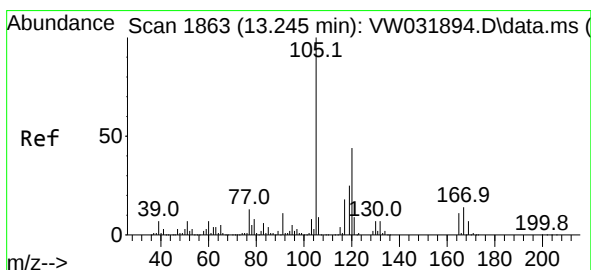
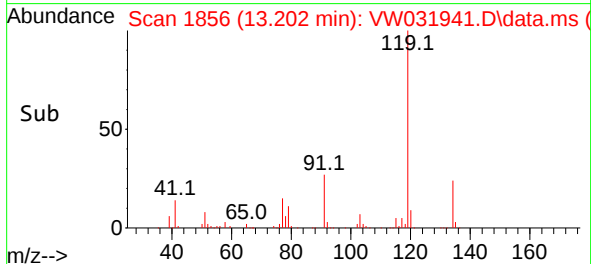
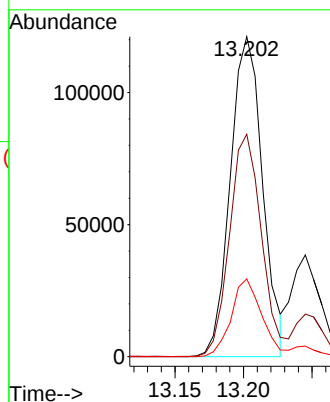
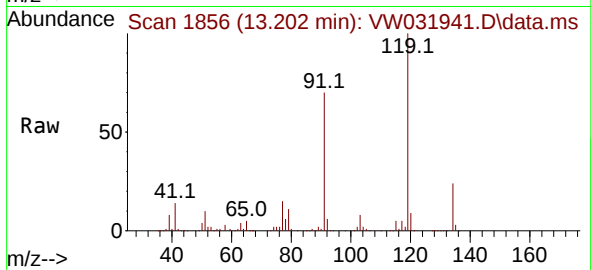




#83
tert-Butylbenzene
Concen: 19.389 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

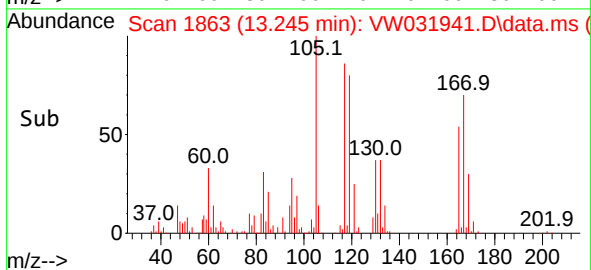
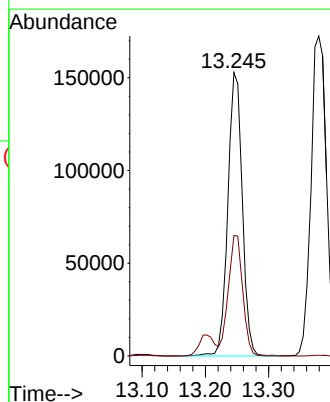
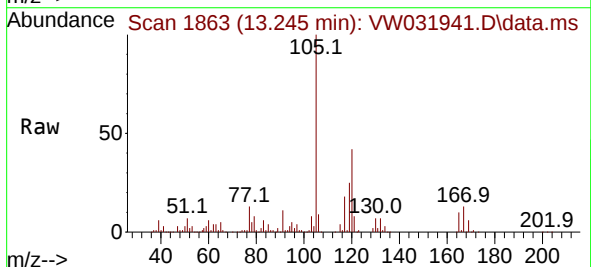
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

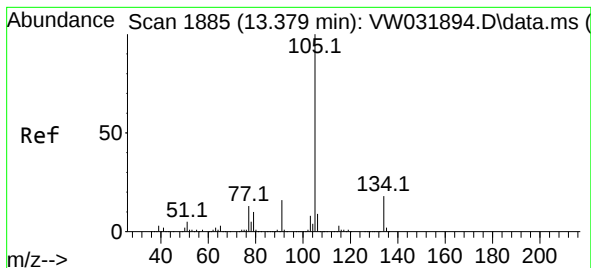
Tgt Ion:119 Resp: 198895
Ion Ratio Lower Upper
119 100
91 69.3 35.5 106.5
134 23.2 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 19.840 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion:105 Resp: 241832
Ion Ratio Lower Upper
105 100
120 42.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.923 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

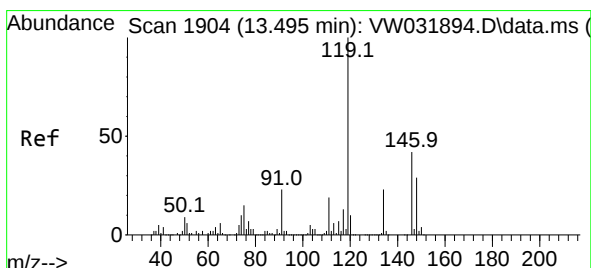
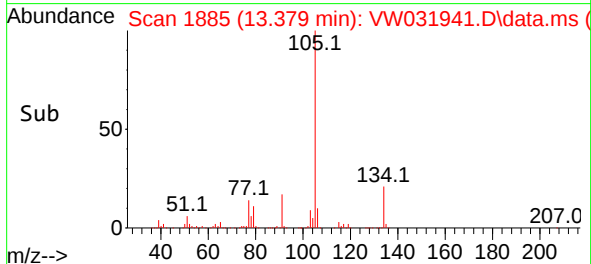
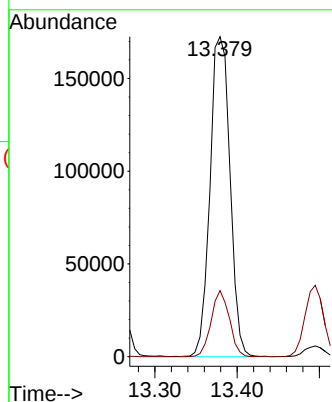
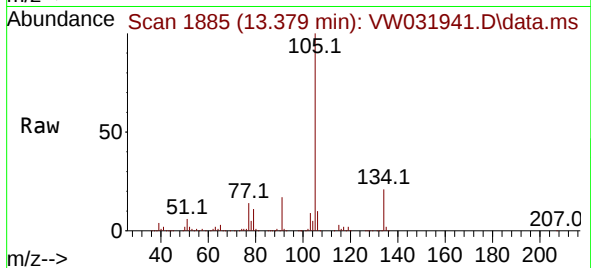
VW0728SBS01

Tgt Ion:105 Resp: 291512

Ion Ratio Lower Upper

105 100

134 18.8 9.2 27.6



#86

p-Isopropyltoluene

Concen: 19.294 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

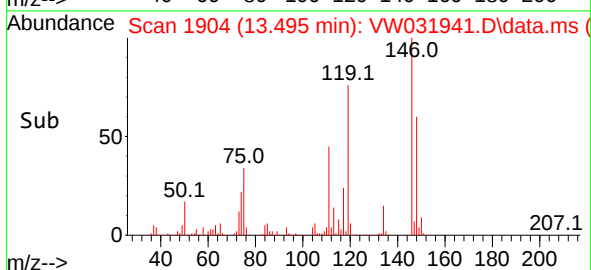
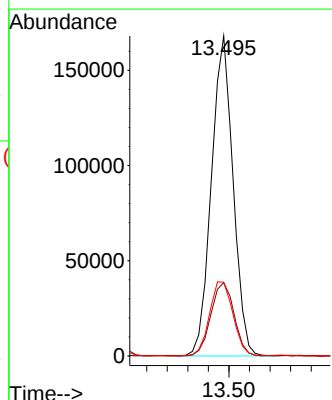
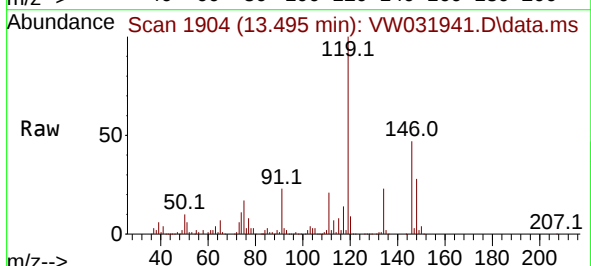
Tgt Ion:119 Resp: 245664

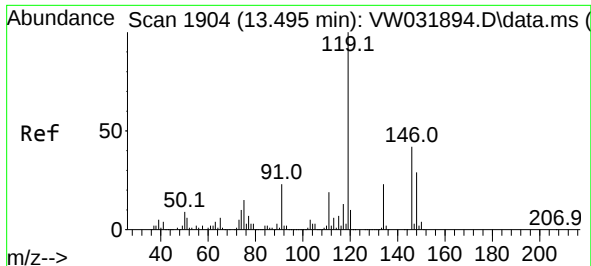
Ion Ratio Lower Upper

119 100

134 24.6 13.0 39.0

91 25.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.612 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

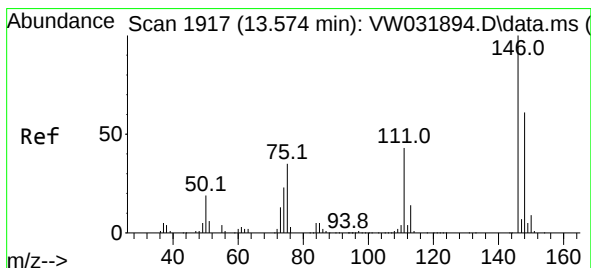
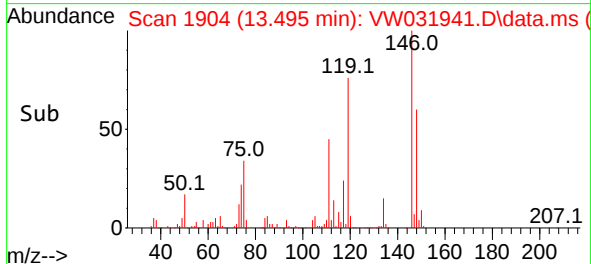
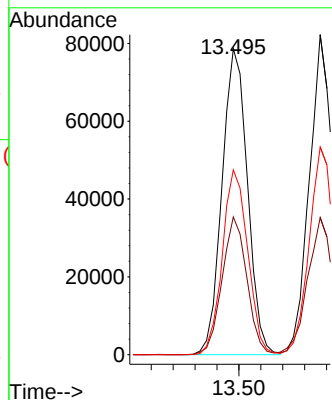
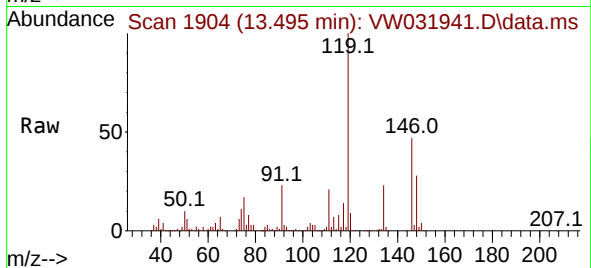
Tgt Ion:146 Resp: 126837

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.7

148 60.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.024 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

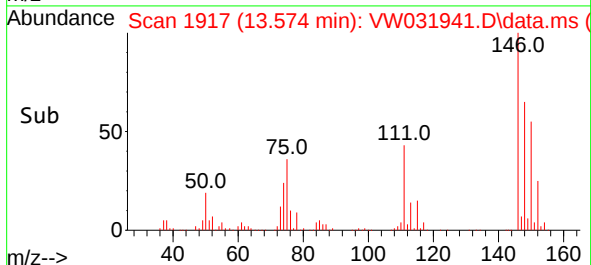
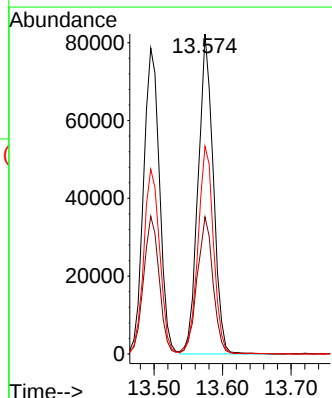
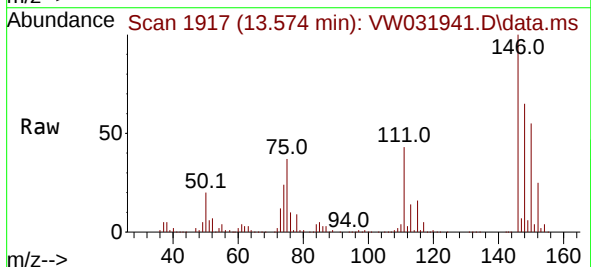
Tgt Ion:146 Resp: 126857

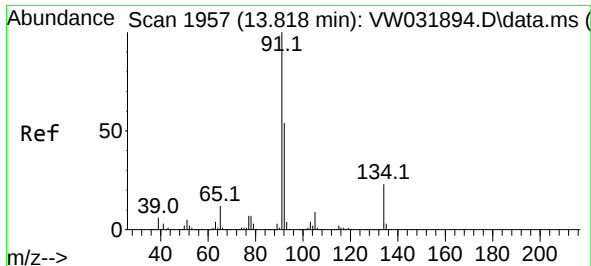
Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.3

148 66.2 31.8 95.3

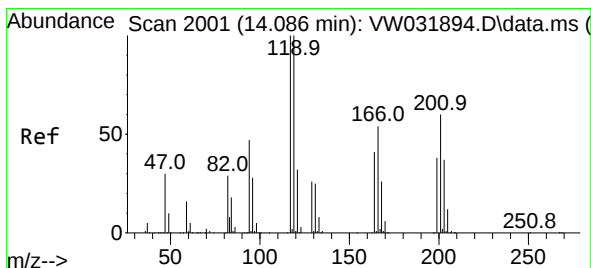
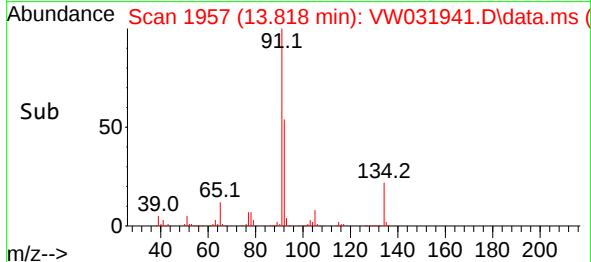
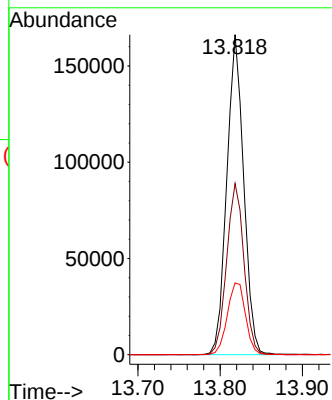
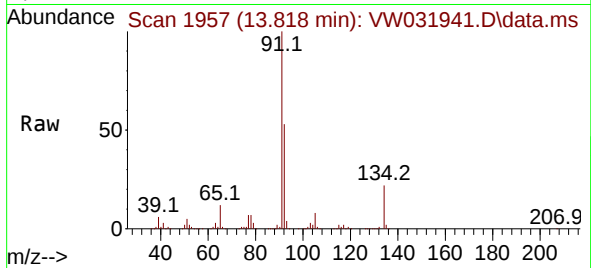




#89
n-Butylbenzene
Concen: 19.043 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

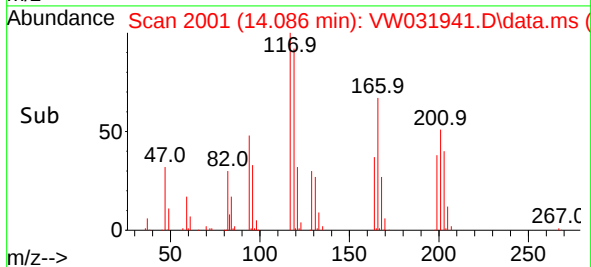
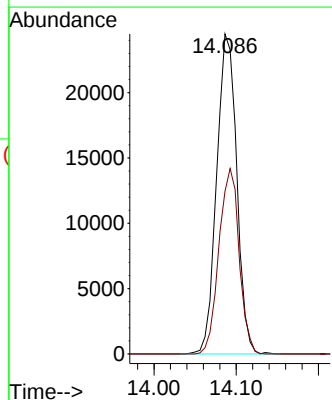
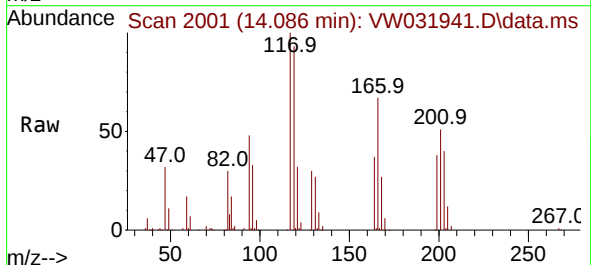
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

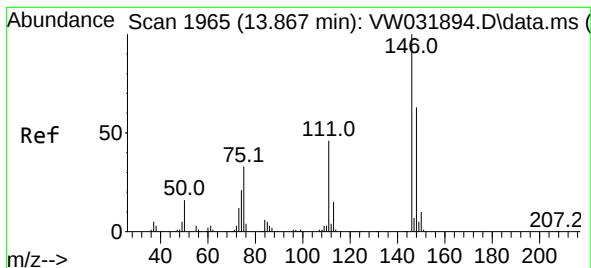
Tgt Ion: 91 Resp: 237858
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.5
134 24.2 11.6 34.7



#90
Hexachloroethane
Concen: 18.832 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 117 Resp: 41463
Ion Ratio Lower Upper
117 100
201 58.3 28.4 85.2

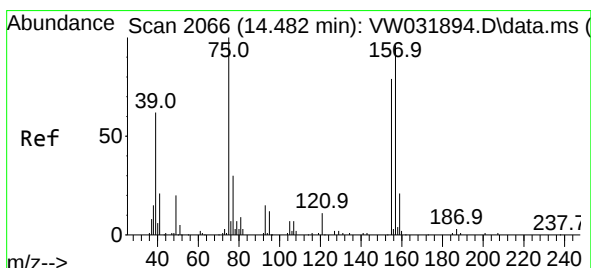
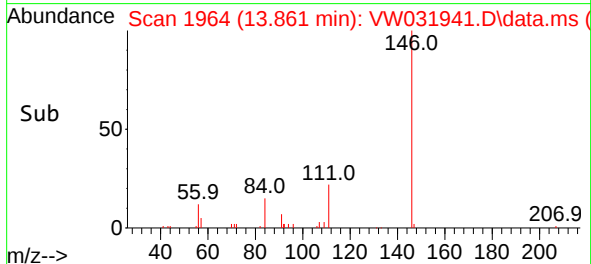
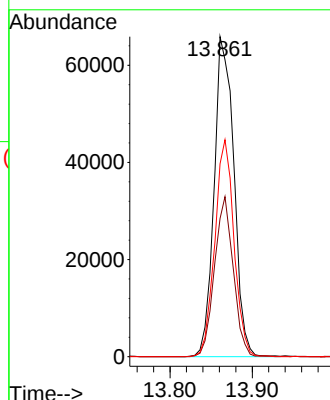
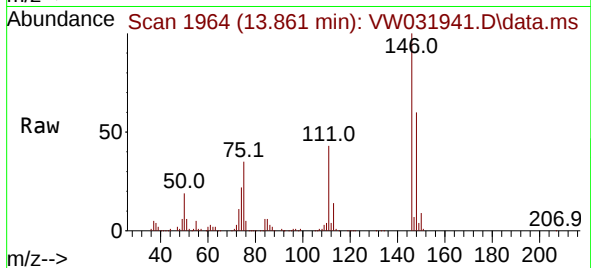




#91
1,2-Dichlorobenzene
Concen: 19.216 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

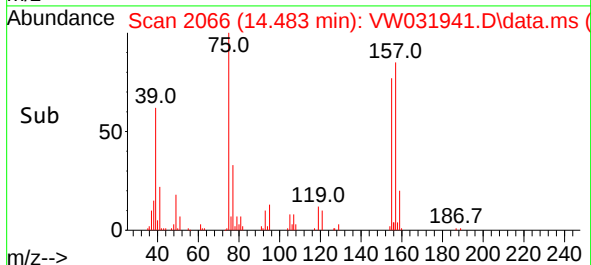
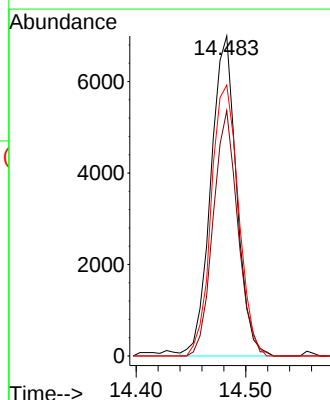
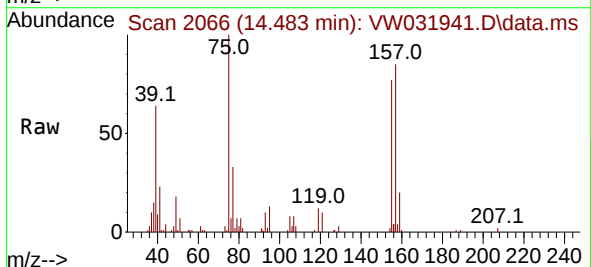
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

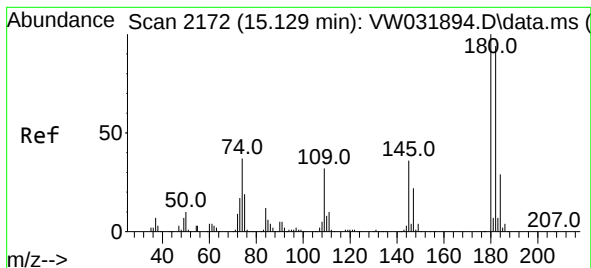
Tgt Ion:146 Resp: 110138
Ion Ratio Lower Upper
146 100
111 47.6 23.6 71.0
148 65.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.692 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031941.D
Acq: 28 Jul 2025 12:23

Tgt Ion: 75 Resp: 11394
Ion Ratio Lower Upper
75 100
155 73.6 35.9 107.7
157 89.6 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 19.786 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

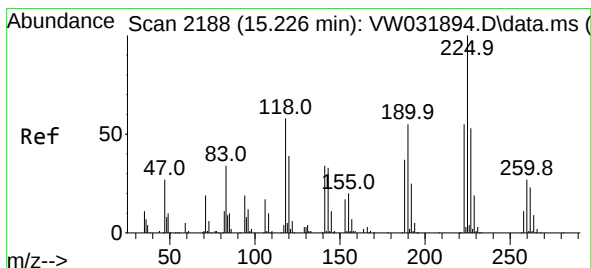
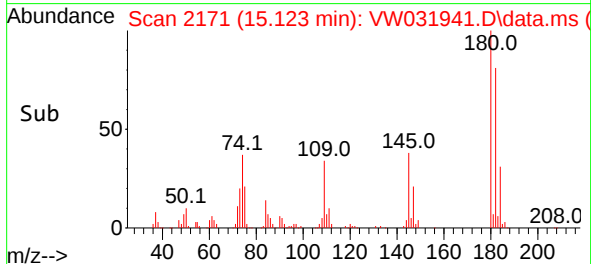
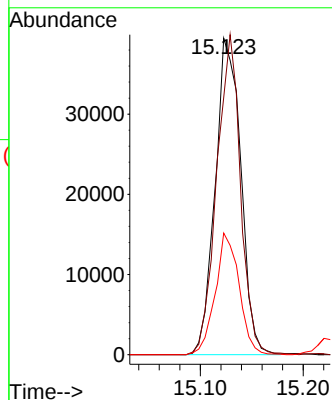
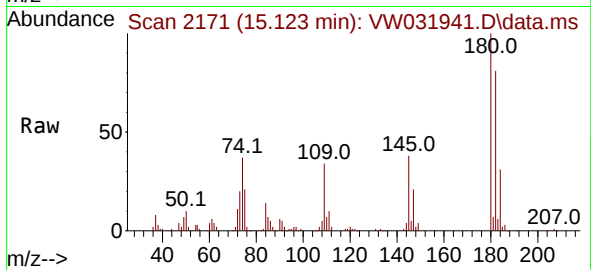
Tgt Ion:180 Resp: 68392

Ion Ratio Lower Upper

180 100

182 93.7 51.0 153.1

145 35.7 18.4 55.4



#94

Hexachlorobutadiene

Concen: 17.903 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

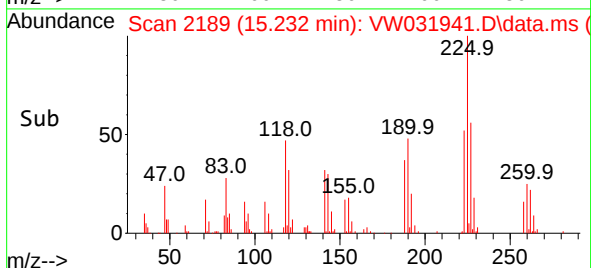
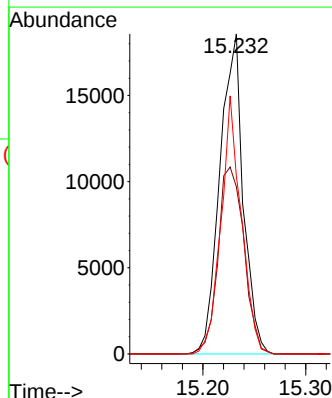
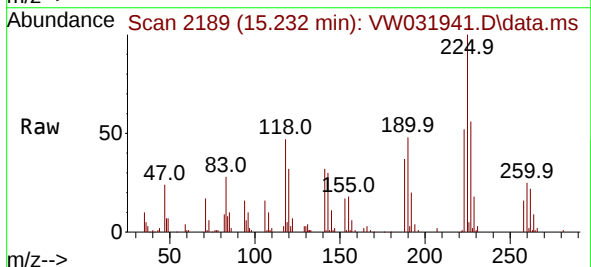
Tgt Ion:225 Resp: 29323

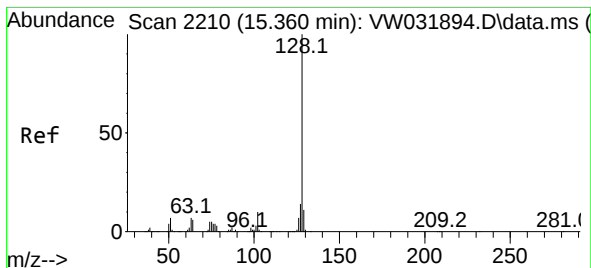
Ion Ratio Lower Upper

225 100

223 64.8 30.9 92.7

227 70.1 30.0 90.1





#95

Naphthalene

Concen: 20.726 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

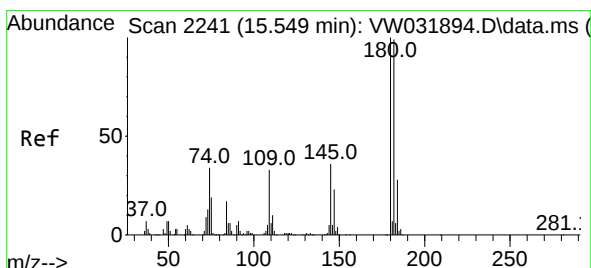
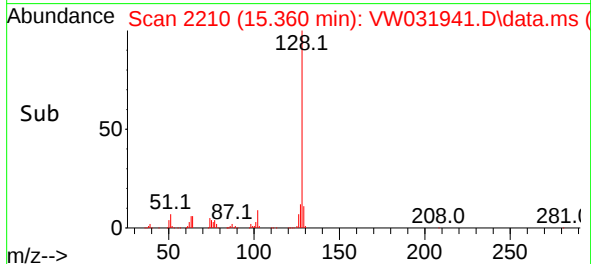
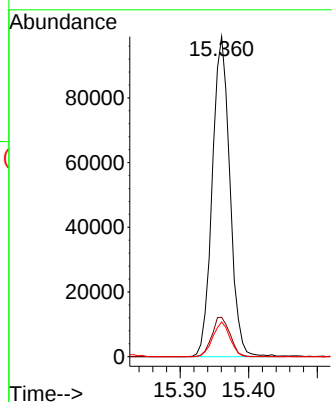
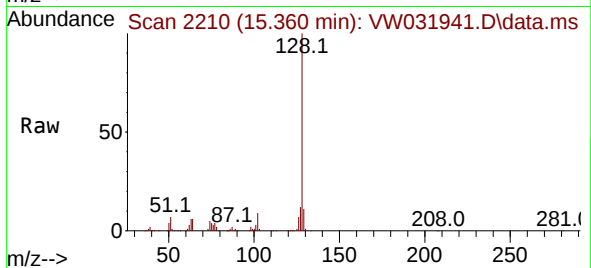
Tgt Ion:128 Resp: 176126

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.5 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 19.432 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031941.D

Acq: 28 Jul 2025 12:23

Tgt Ion:180 Resp: 60857

Ion Ratio Lower Upper

180 100

182 90.6 50.4 151.2

145 37.2 18.6 55.8

