

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072525\
 Data File : VW031931.D
 Acq On : 25 Jul 2025 10:33
 Operator : SY/MD
 Sample : VW0725SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Quant Time: Jul 25 23:02:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	192208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.843	114	368437	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.629	117	346490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	132193	45.464	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	90.920%
35) Dibromofluoromethane	7.898	113	109970	43.925	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	87.860%
50) Toluene-d8	10.325	98	403898	42.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.260%
62) 4-Bromofluorobenzene	12.617	95	163242	44.867	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	89.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	28334	19.834	ug/l	92
3) Chloromethane	2.253	50	38137	20.800	ug/l	98
4) Vinyl Chloride	2.405	62	49777	20.899	ug/l	96
5) Bromomethane	2.820	94	37884	21.600	ug/l	95
6) Chloroethane	2.966	64	33549	21.342	ug/l	99
7) Trichlorofluoromethane	3.302	101	37918	15.718	ug/l	93
8) Diethyl Ether	3.710	74	34953	21.690	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.094	101	48024	20.697	ug/l	99
10) Methyl Iodide	4.308	142	72562	20.915	ug/l	100
11) Tert butyl alcohol	5.216	59	21300	124.625	ug/l	99
12) 1,1-Dichloroethene	4.076	96	53274	20.787	ug/l	99
13) Acrolein	3.923	56	24209	95.889	ug/l	96
14) Allyl chloride	4.698	41	84756	21.244	ug/l	99
15) Acrylonitrile	5.399	53	80591	111.862	ug/l	99
16) Acetone	4.161	43	82405	119.434	ug/l	99
17) Carbon Disulfide	4.417	76	131533	19.789	ug/l	98
18) Methyl Acetate	4.704	43	42883	22.559	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	101937	23.019	ug/l	98
20) Methylene Chloride	4.954	84	69453	20.819	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	59033	21.709	ug/l	96
22) Diisopropyl ether	6.338	45	178354	22.341	ug/l	98
23) Vinyl Acetate	6.277	43	577413	110.707	ug/l	99
24) 1,1-Dichloroethane	6.240	63	109827	22.095	ug/l	98
25) 2-Butanone	7.191	43	109756	116.264	ug/l	95
26) 2,2-Dichloropropane	7.185	77	59619	21.186	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	70505	22.055	ug/l	99
28) Bromochloromethane	7.527	49	47347	22.750	ug/l	97
29) Tetrahydrofuran	7.551	42	68371	110.467	ug/l	100
30) Chloroform	7.691	83	117249	22.497	ug/l	98
31) Cyclohexane	7.965	56	90007	20.184	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	83745	21.117	ug/l	97
36) 1,1-Dichloropropene	8.093	75	77380	20.126	ug/l	99
37) Ethyl Acetate	7.270	43	47363	21.595	ug/l	99
38) Carbon Tetrachloride	8.081	117	74434	20.172	ug/l	93
39) Methylcyclohexane	9.337	83	97056	20.059	ug/l	96
40) Benzene	8.337	78	241755	21.241	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	26550	20.222	ug/l	94
42) 1,2-Dichloroethane	8.410	62	78060	21.430	ug/l	99
43) Isopropyl Acetate	8.435	43	84108	21.183	ug/l	98
44) Trichloroethene	9.099	130	56440	20.863	ug/l	97
45) 1,2-Dichloropropane	9.374	63	59587	21.739	ug/l	97
46) Dibromomethane	9.465	93	37005	21.779	ug/l	98
47) Bromodichloromethane	9.648	83	87970	21.591	ug/l	99
48) Methyl methacrylate	9.441	41	40958	21.682	ug/l	99
49) 1,4-Dioxane	9.459	88	7566	446.255	ug/l #	78
51) 4-Methyl-2-Pentanone	10.215	43	237940	109.499	ug/l	100
52) Toluene	10.392	92	156489	21.389	ug/l	95
53) t-1,3-Dichloropropene	10.605	75	83302	21.314	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	97143	21.765	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	49340	21.861	ug/l	97
56) Ethyl methacrylate	10.648	69	68832	21.594	ug/l	97
57) 1,3-Dichloropropane	10.934	76	88414	22.236	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	178114	108.785	ug/l	100
59) 2-Hexanone	10.971	43	166406	110.171	ug/l	99
60) Dibromochloromethane	11.130	129	56678	21.538	ug/l	98
61) 1,2-Dibromoethane	11.239	107	46712	20.945	ug/l	97
64) Tetrachloroethene	10.867	164	43838	19.190	ug/l	98
65) Chlorobenzene	11.660	112	164988	19.456	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	53221	20.244	ug/l	98
67) Ethyl Benzene	11.733	91	295979	19.865	ug/l	97
68) m/p-Xylenes	11.837	106	227455	40.551	ug/l	95
69) o-Xylene	12.160	106	106888	20.136	ug/l	97
70) Styrene	12.178	104	192659	21.317	ug/l	99
71) Bromoform	12.349	173	29104	20.242	ug/l #	97
73) Isopropylbenzene	12.459	105	273951	19.199	ug/l	99
74) N-amyl acetate	12.270	43	75545	19.583	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	60481	19.968	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	77611	34.181	ug/l #	100
77) Bromobenzene	12.745	156	63284	20.497	ug/l	93
78) n-propylbenzene	12.800	91	346594	19.777	ug/l	98
79) 2-Chlorotoluene	12.891	91	209679	20.039	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	237916	19.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18532	18.843	ug/l	93
82) 4-Chlorotoluene	12.983	91	218513	19.906	ug/l	99
83) tert-Butylbenzene	13.202	119	196688	19.295	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	240052	19.818	ug/l	99
85) sec-Butylbenzene	13.379	105	292901	19.133	ug/l	98
86) p-Isopropyltoluene	13.495	119	246753	19.501	ug/l	98
87) 1,3-Dichlorobenzene	13.501	146	121663	18.931	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	129720	20.604	ug/l	99
89) n-Butylbenzene	13.818	91	241836	19.483	ug/l	99
90) Hexachloroethane	14.092	117	41227	18.842	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	114846	20.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10998	20.098	ug/l	89
93) 1,2,4-Trichlorobenzene	15.123	180	68227	19.863	ug/l	96
94) Hexachlorobutadiene	15.226	225	30736	18.884	ug/l	93
95) Naphthalene	15.360	128	167635	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	63236	20.319	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

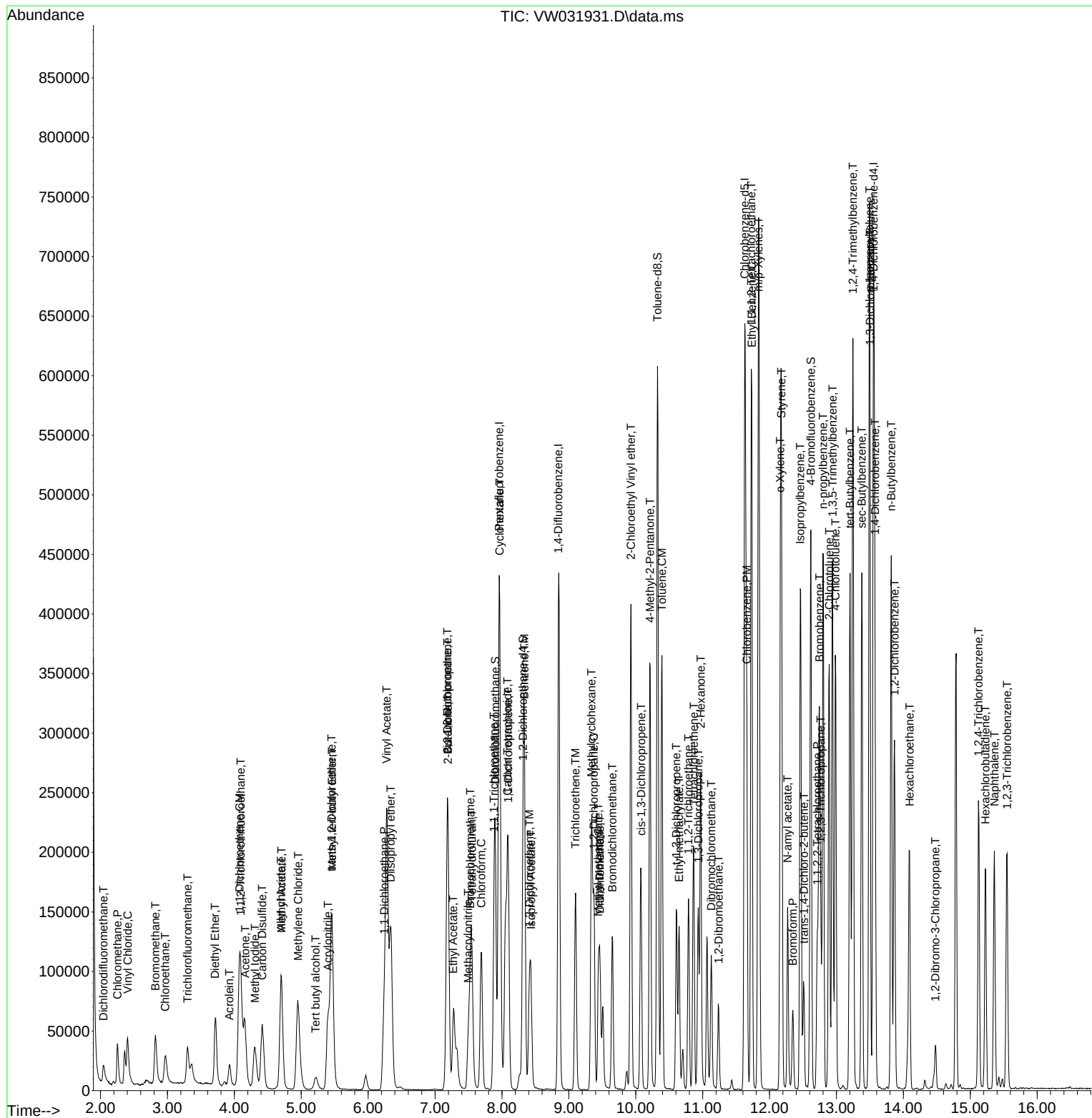
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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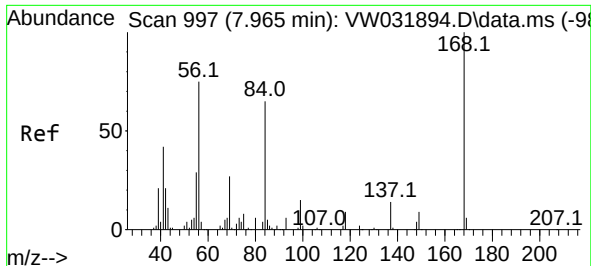
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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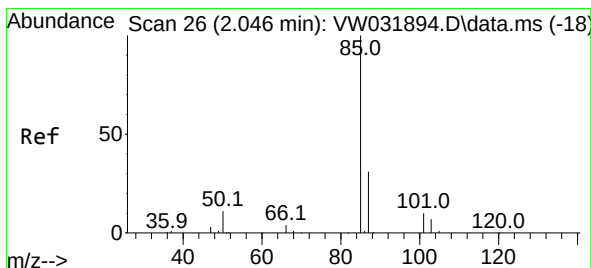
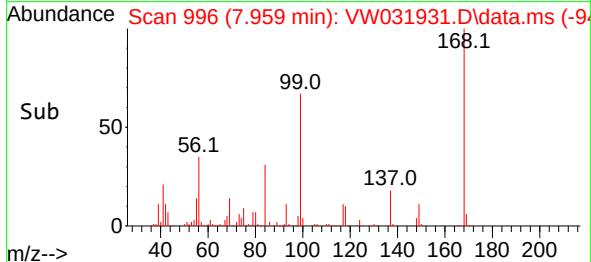
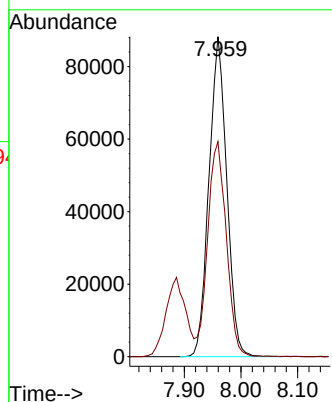
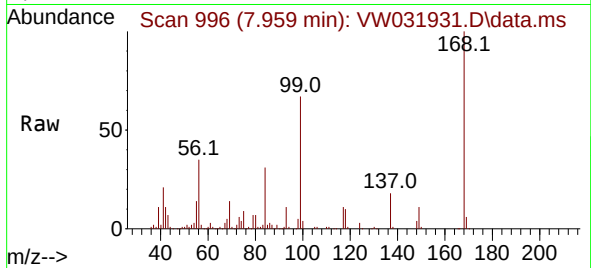




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031931.D
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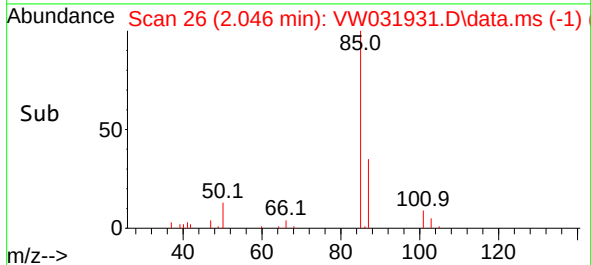
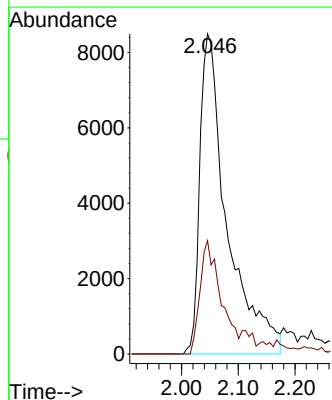
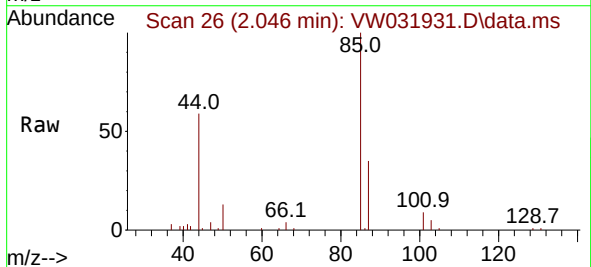
Instrument :
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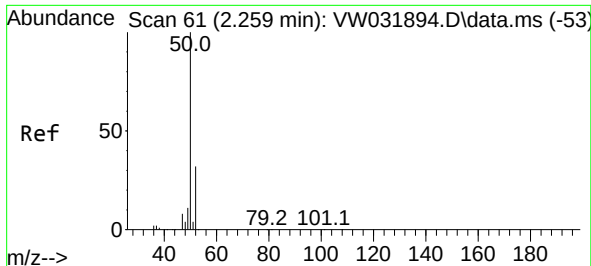
Tgt Ion:168 Resp: 192208
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 19.834 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 85 Resp: 28334
Ion Ratio Lower Upper
85 100
87 35.4 15.5 46.5

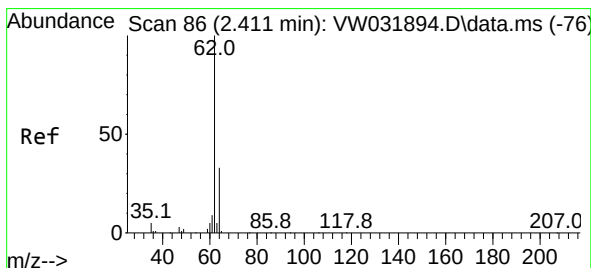
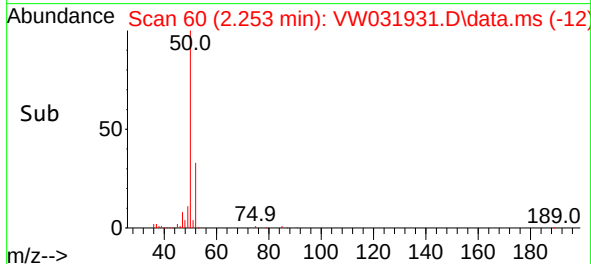
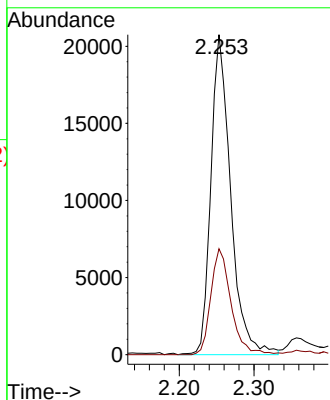
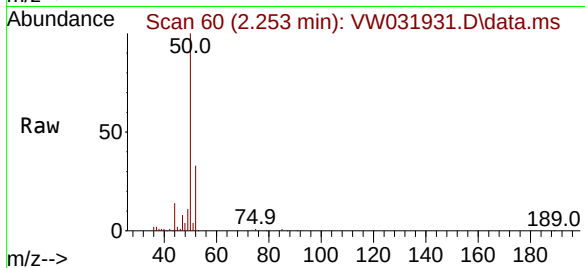




#3
Chloromethane
Concen: 20.800 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

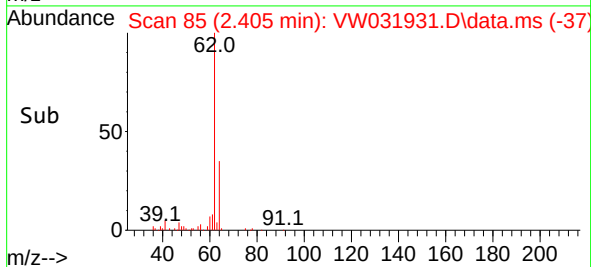
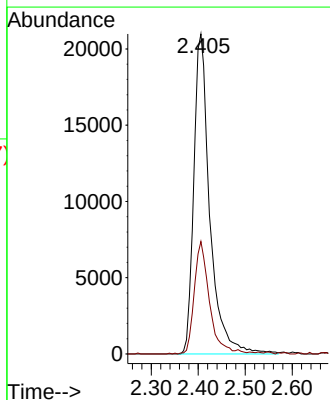
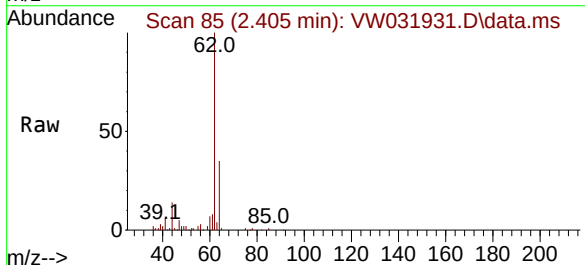
Instrument :
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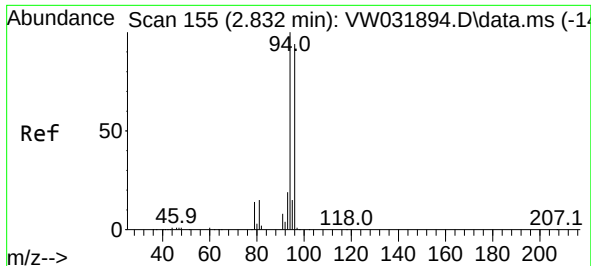
Tgt Ion: 50 Resp: 38137
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 20.899 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 62 Resp: 49777
Ion Ratio Lower Upper
62 100
64 35.2 26.2 39.2

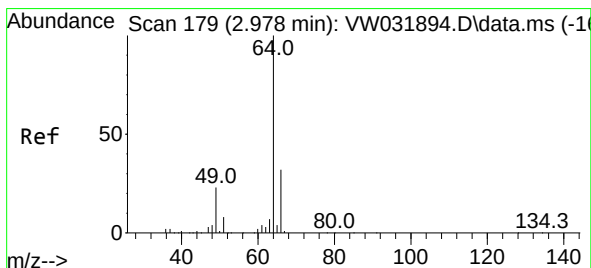
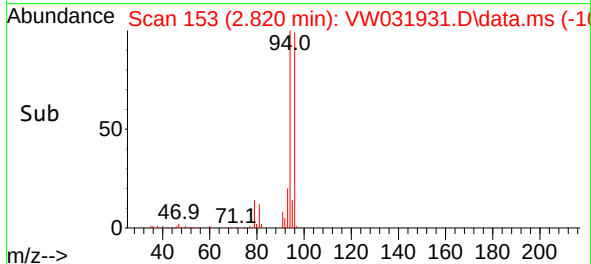
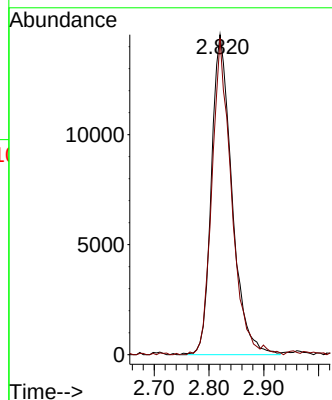
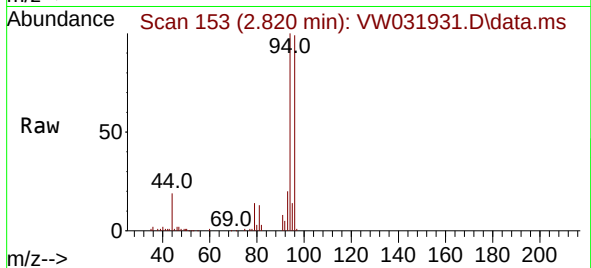




#5
Bromomethane
Concen: 21.600 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

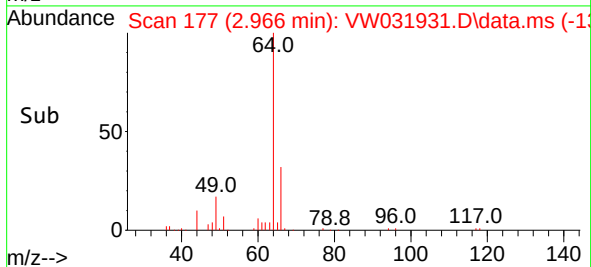
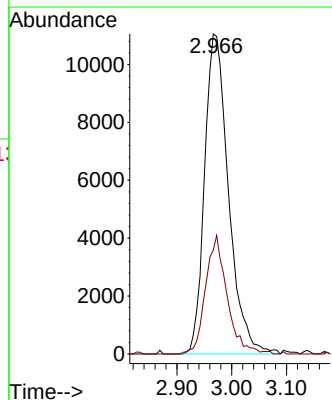
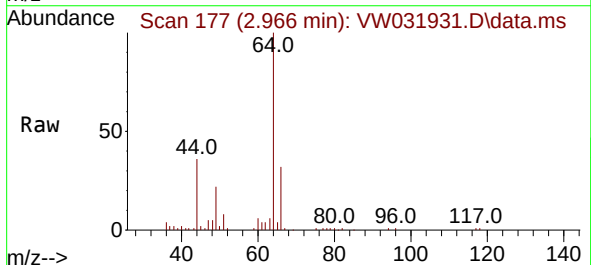
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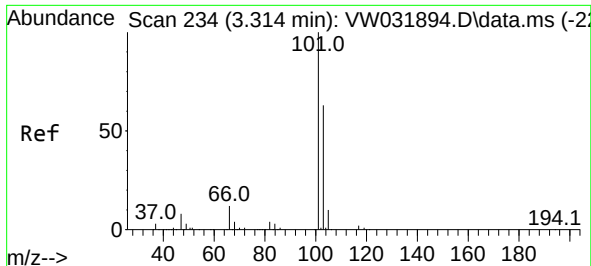
Tgt Ion: 94 Resp: 37884
Ion Ratio Lower Upper
94 100
96 98.8 75.0 112.6



#6
Chloroethane
Concen: 21.342 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 64 Resp: 33549
Ion Ratio Lower Upper
64 100
66 32.5 25.6 38.4

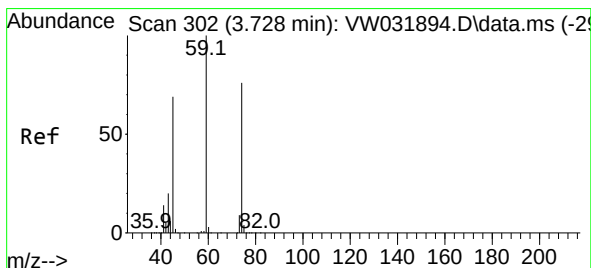
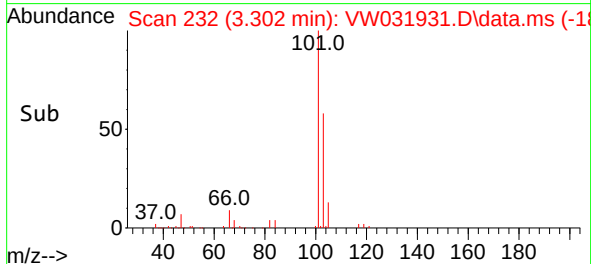
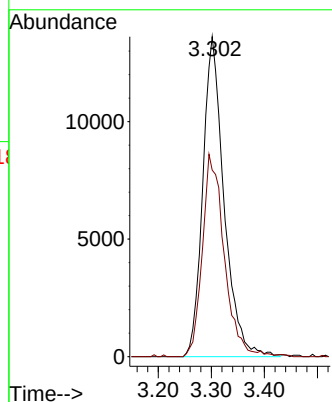
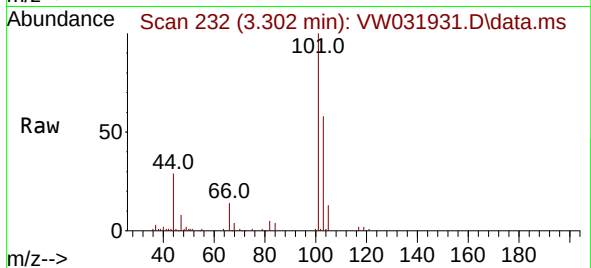




#7
 Trichlorofluoromethane
 Concen: 15.718 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

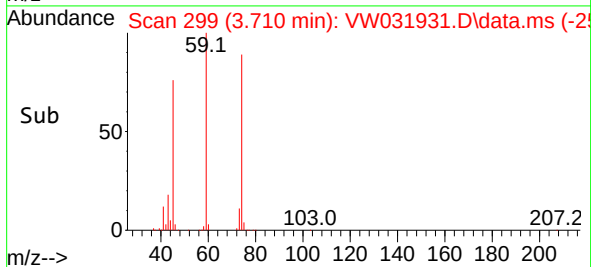
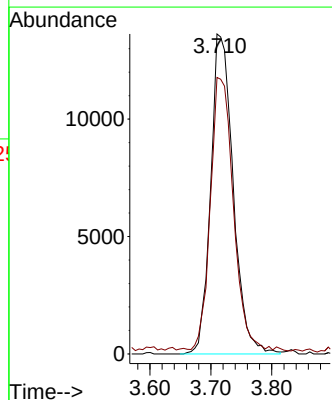
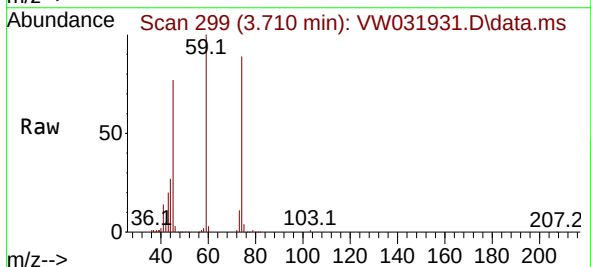
Instrument :
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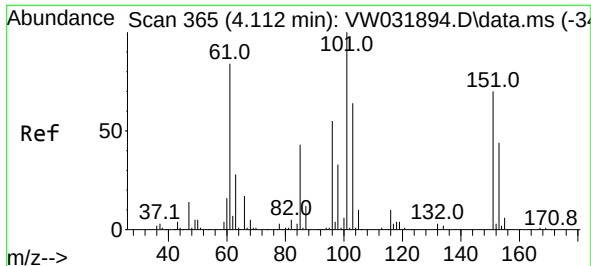
Tgt Ion:101 Resp: 37918
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.690 ug/l
 RT: 3.710 min Scan# 299
 Delta R.T. -0.018 min
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Tgt Ion: 74 Resp: 34953
 Ion Ratio Lower Upper
 74 100
 45 86.6 45.5 136.5

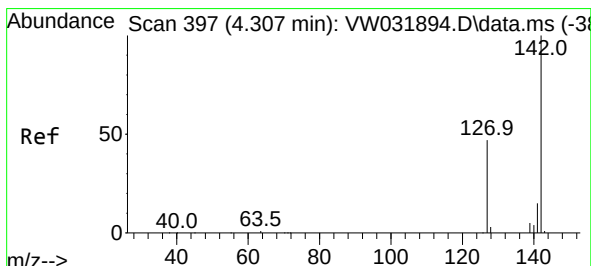
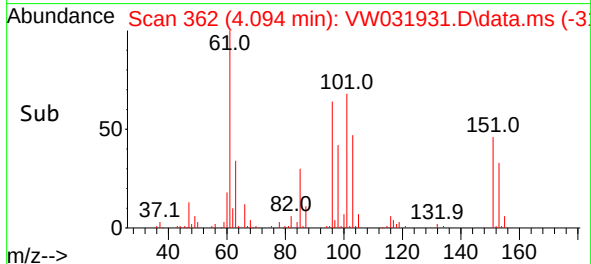
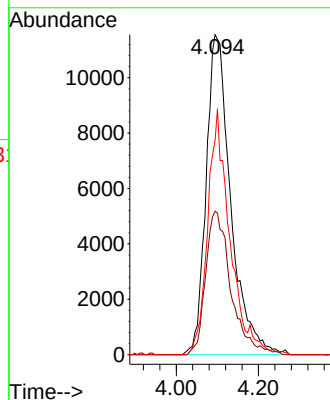
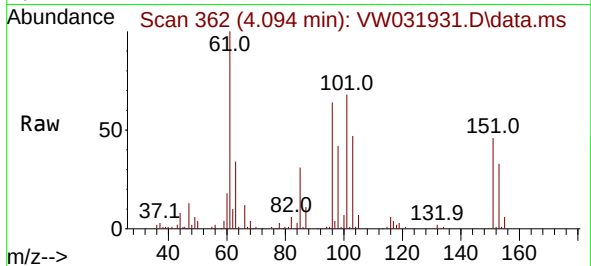




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.697 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.018 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

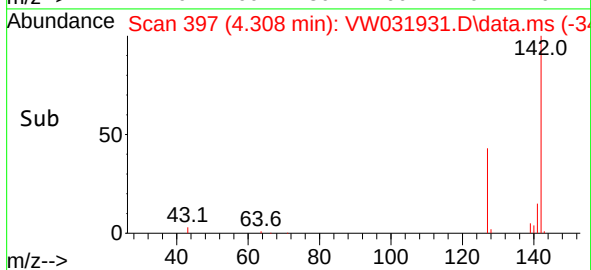
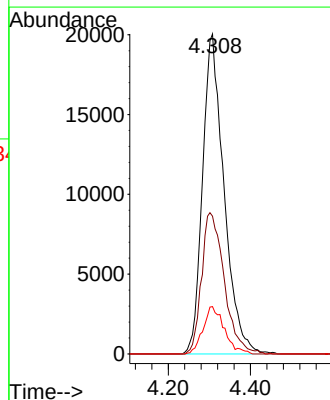
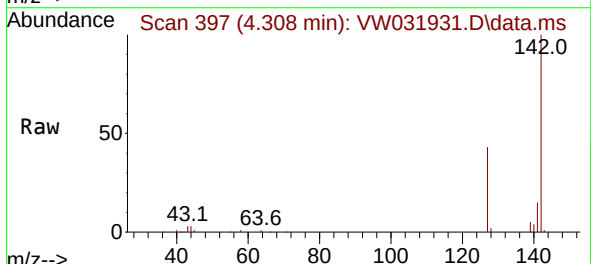
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

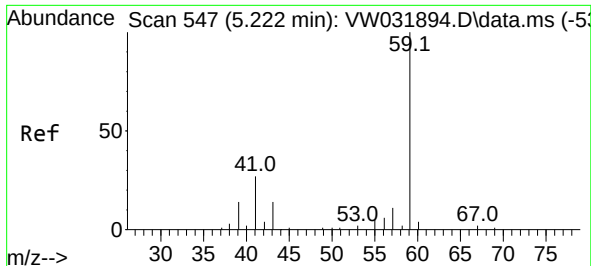
Tgt Ion:101 Resp: 48024
Ion Ratio Lower Upper
101 100
85 45.9 35.5 53.3
151 68.9 54.6 81.8



#10
Methyl Iodide
Concen: 20.915 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:142 Resp: 72562
Ion Ratio Lower Upper
142 100
127 46.6 37.4 56.2
141 14.7 11.9 17.9

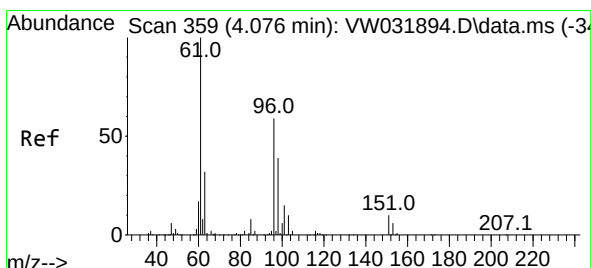
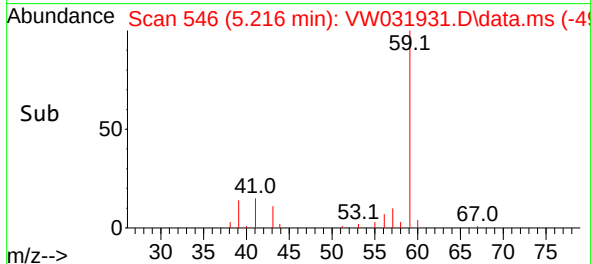
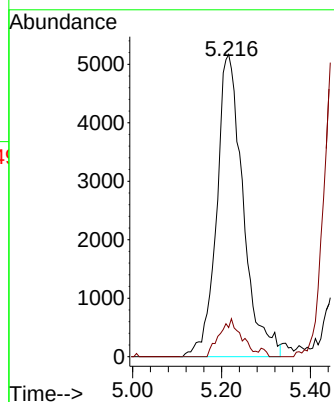
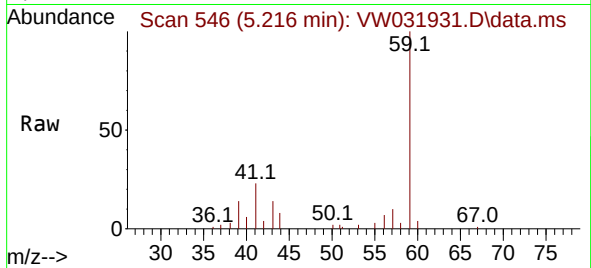




#11
Tert butyl alcohol
Concen: 124.625 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

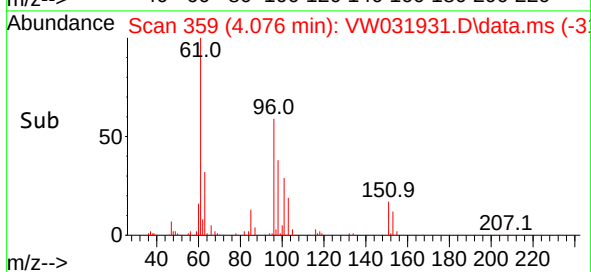
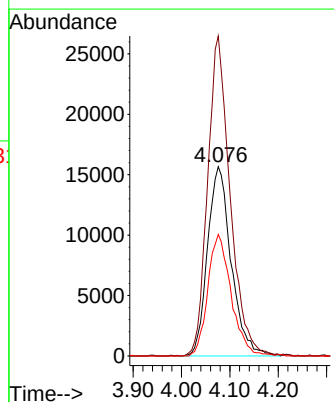
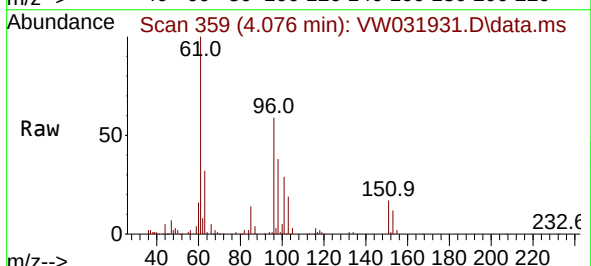
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

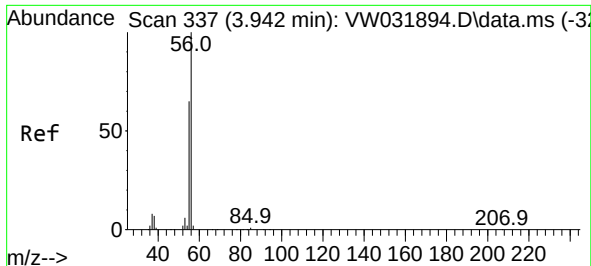
Tgt Ion: 59 Resp: 21300
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.787 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 96 Resp: 53274
Ion Ratio Lower Upper
96 100
61 169.0 135.0 202.6
98 64.2 52.3 78.5

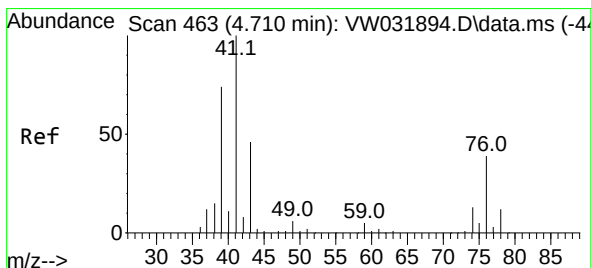
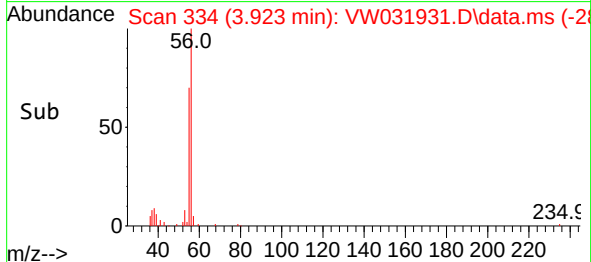
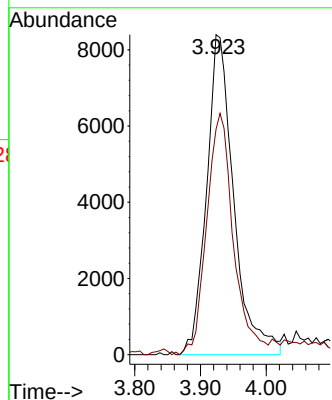
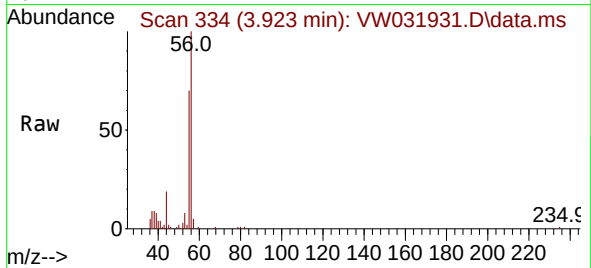




#13
Acrolein
Concen: 95.889 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

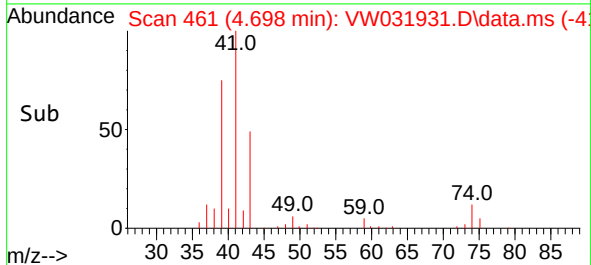
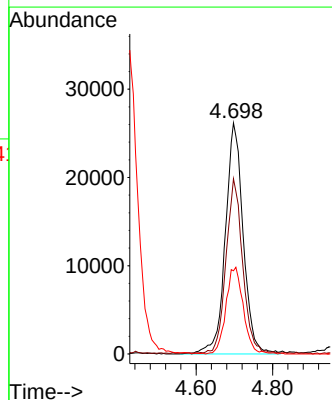
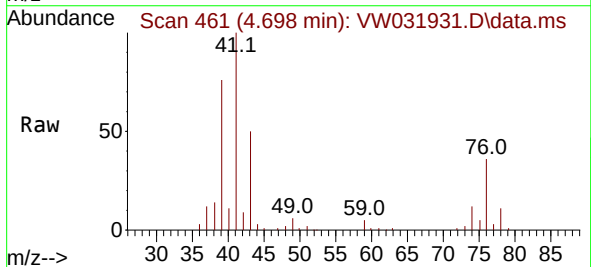
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

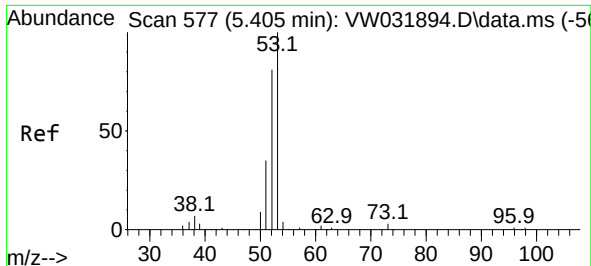
Tgt Ion: 56 Resp: 24209
Ion Ratio Lower Upper
56 100
55 73.8 56.7 85.1



#14
Allyl chloride
Concen: 21.244 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 41 Resp: 84756
Ion Ratio Lower Upper
41 100
39 71.4 56.6 85.0
76 36.7 30.1 45.1

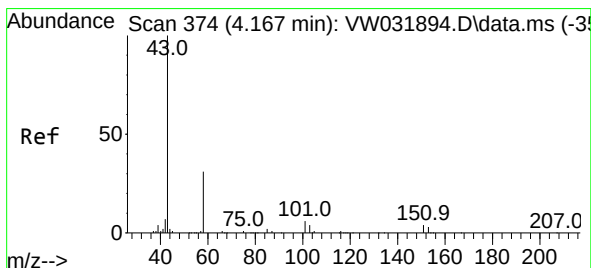
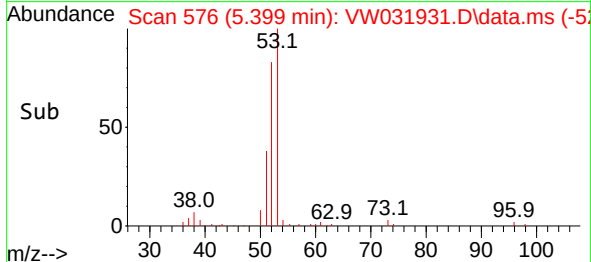
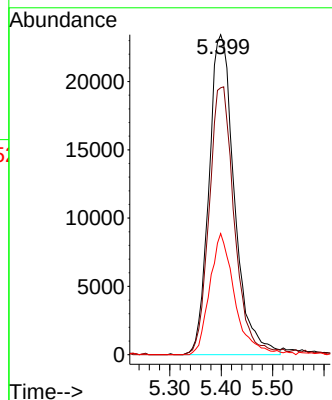
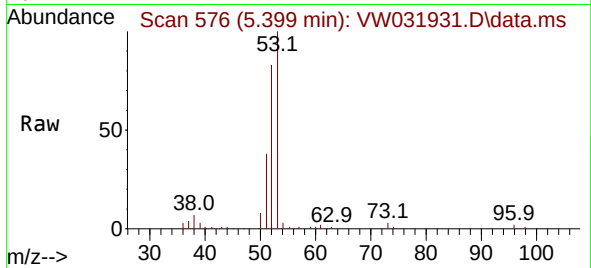




#15
Acrylonitrile
Concen: 111.862 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

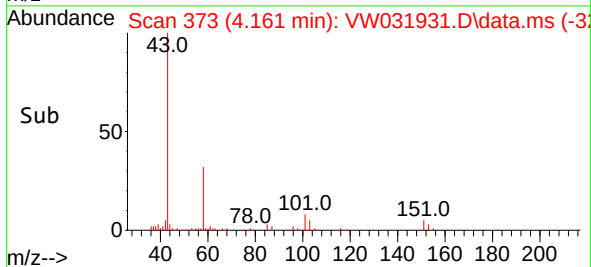
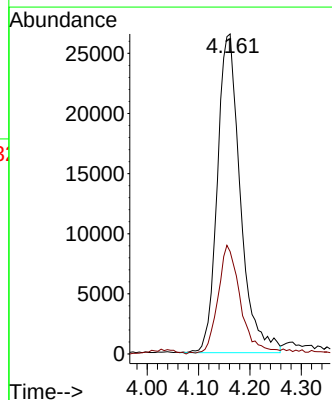
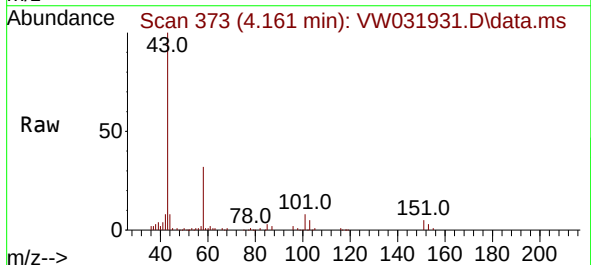
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

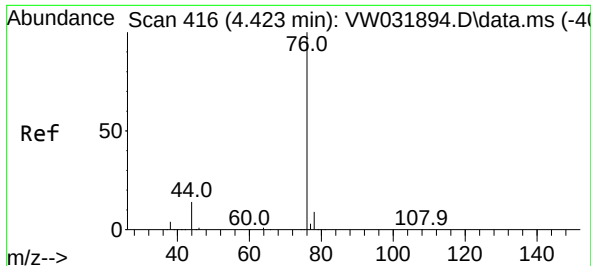
Tgt Ion: 53	Resp: 80591
Ion Ratio	Lower Upper
53 100	
52 83.2	67.0 100.4
51 37.1	29.9 44.9



#16
Acetone
Concen: 119.434 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 43	Resp: 82405
Ion Ratio	Lower Upper
43 100	
58 31.6	25.5 38.3

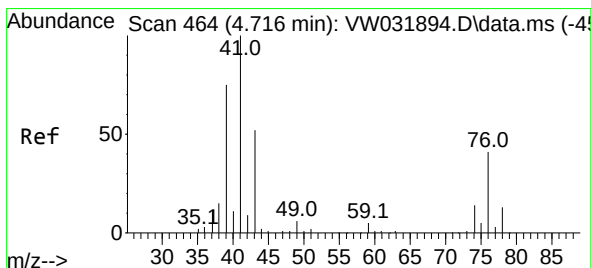
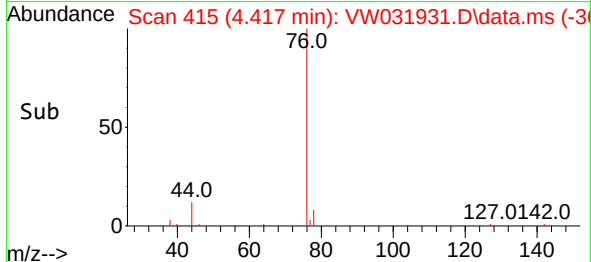
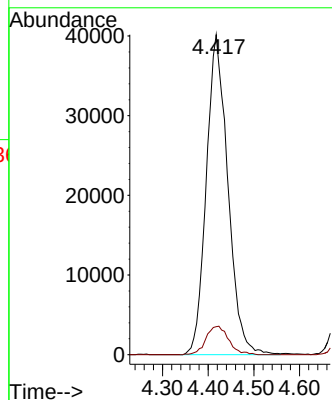
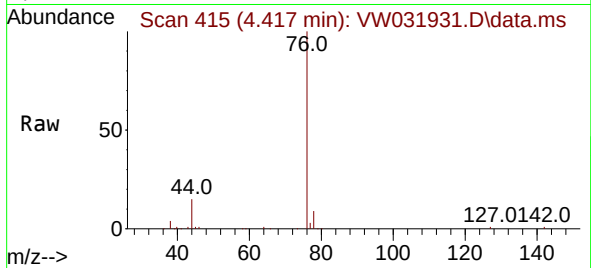




#17
Carbon Disulfide
Concen: 19.789 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

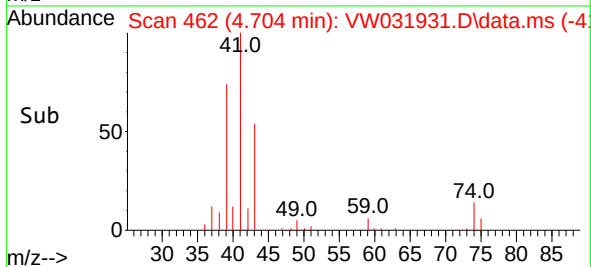
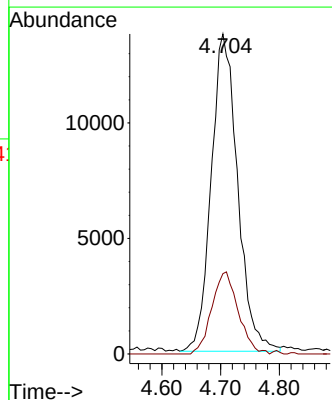
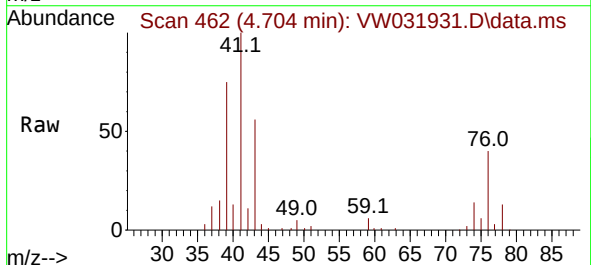
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

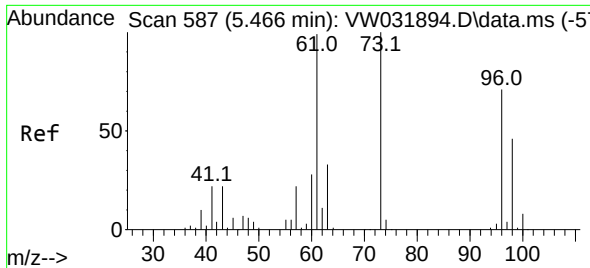
Tgt Ion: 76 Resp: 131533
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 22.559 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 43 Resp: 42883
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

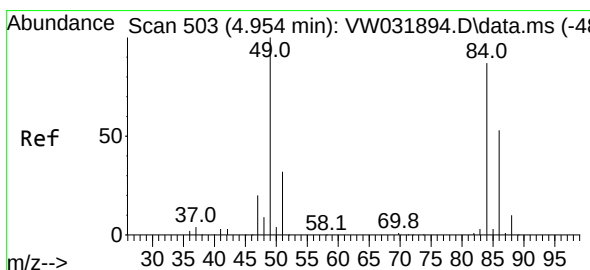
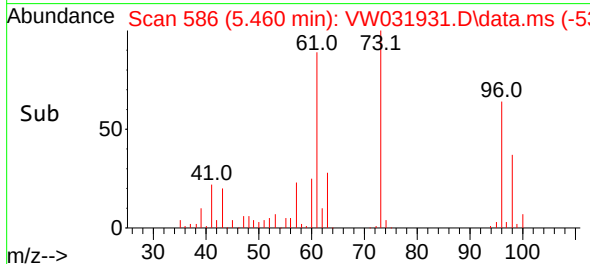
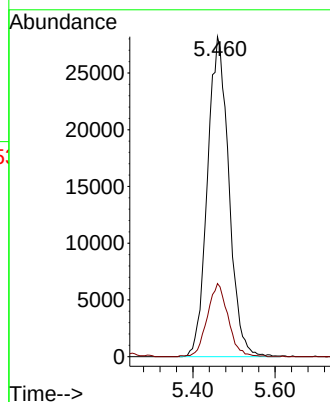
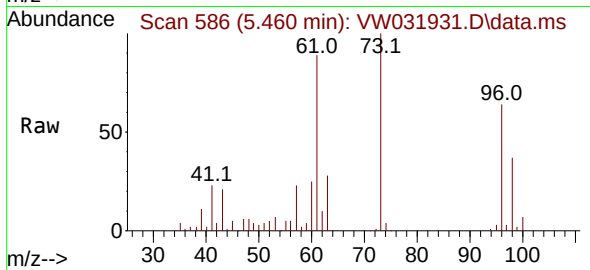




#19
Methyl tert-butyl Ether
Concen: 23.019 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

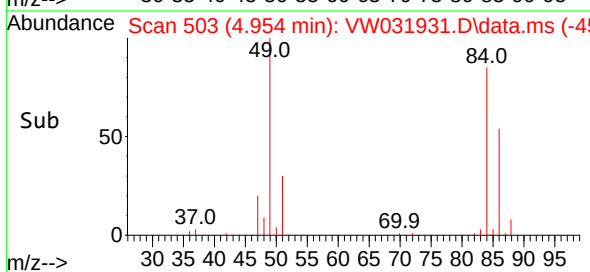
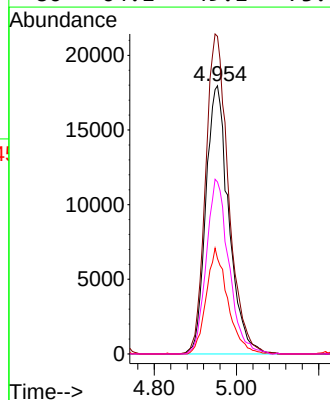
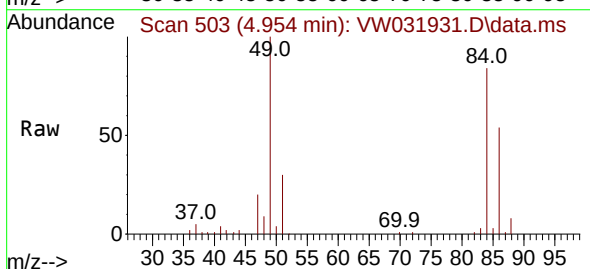
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

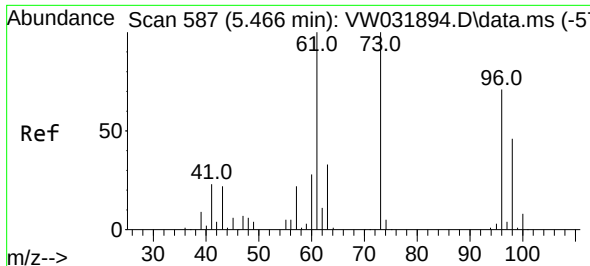
Tgt Ion: 73 Resp: 101937
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 20.819 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 84 Resp: 69453
Ion Ratio Lower Upper
84 100
49 118.4 91.9 137.9
51 35.6 29.0 43.6
86 64.1 49.1 73.7

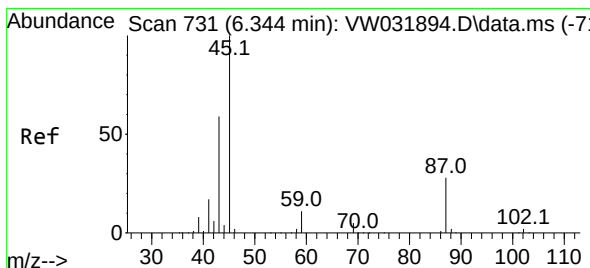
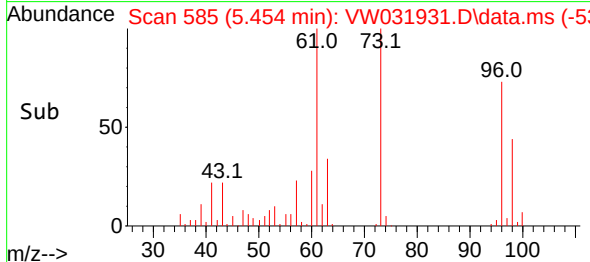
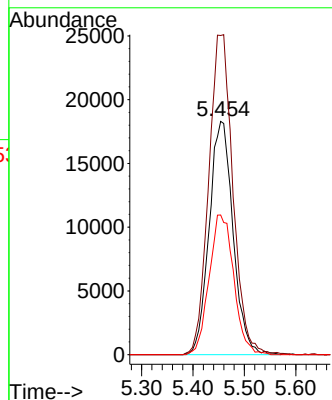
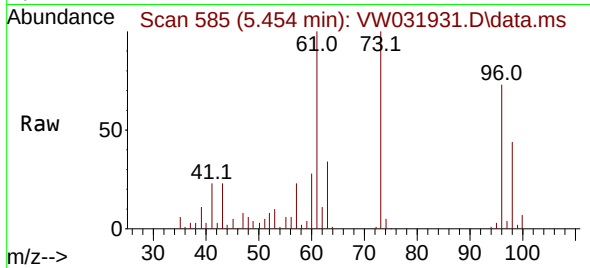




#21
trans-1,2-Dichloroethene
Concen: 21.709 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

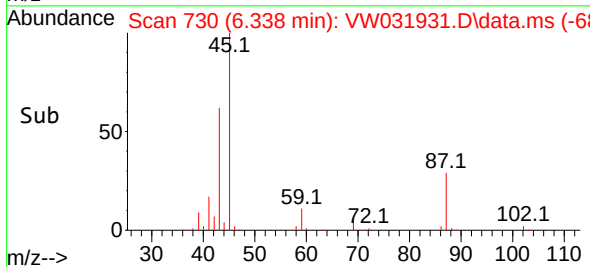
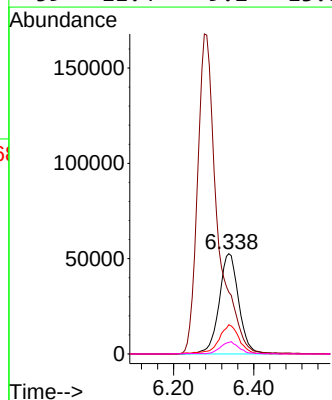
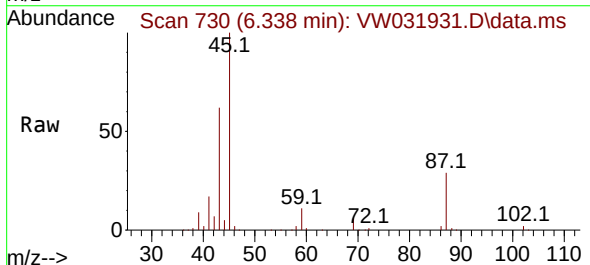
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

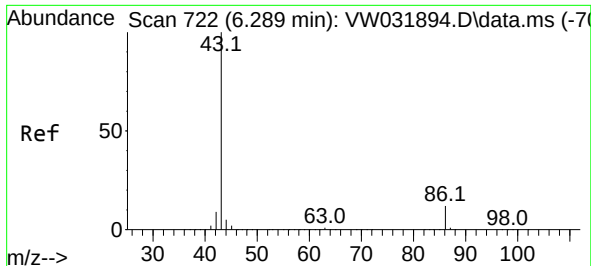
Tgt Ion: 96 Resp: 59033
Ion Ratio Lower Upper
96 100
61 136.8 112.8 169.2
98 59.9 51.9 77.9



#22
Diisopropyl ether
Concen: 22.341 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 45 Resp: 178354
Ion Ratio Lower Upper
45 100
43 61.3 47.0 70.6
87 29.0 22.8 34.2
59 11.4 9.2 13.8

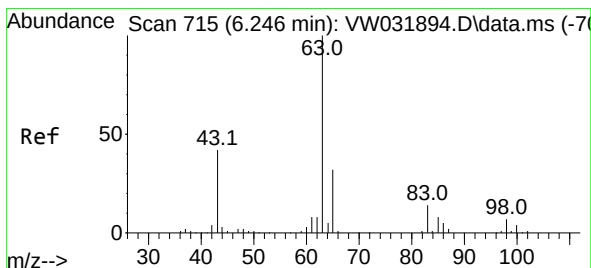
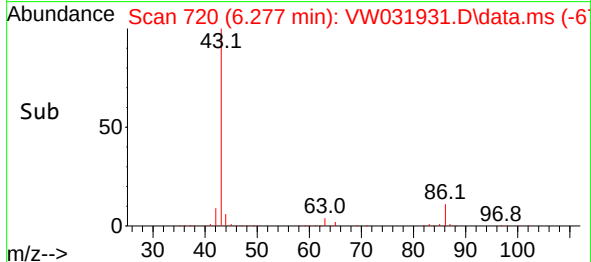
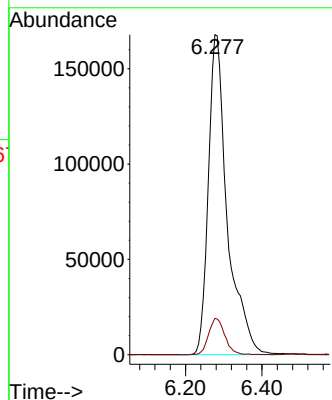
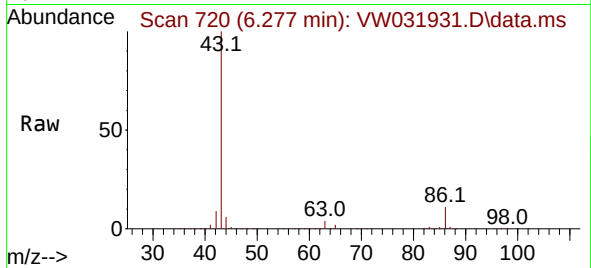




#23
 Vinyl Acetate
 Concen: 110.707 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

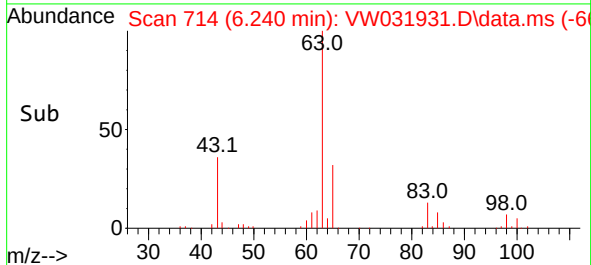
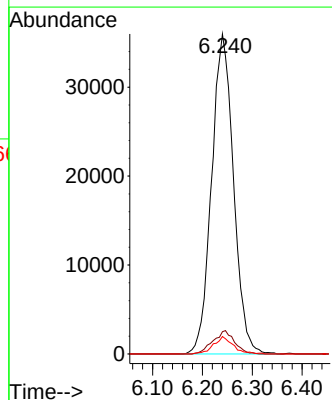
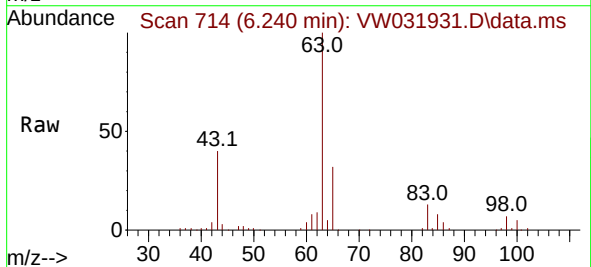
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

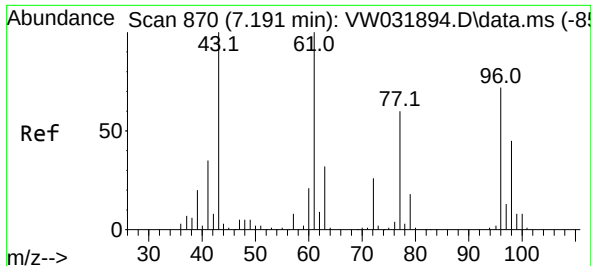
Tgt Ion: 43 Resp: 577413
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 22.095 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

Tgt Ion: 63 Resp: 109827
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 5.5 2.2 6.6

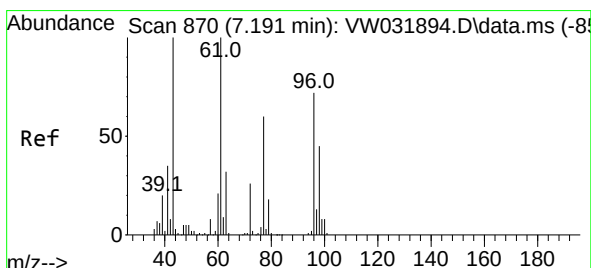
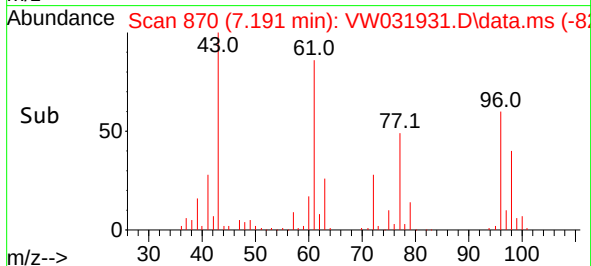
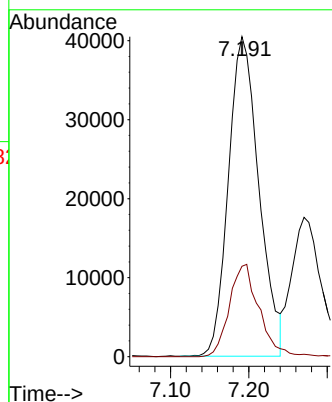
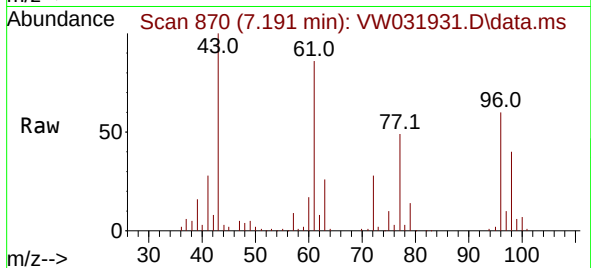




#25
2-Butanone
Concen: 116.264 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

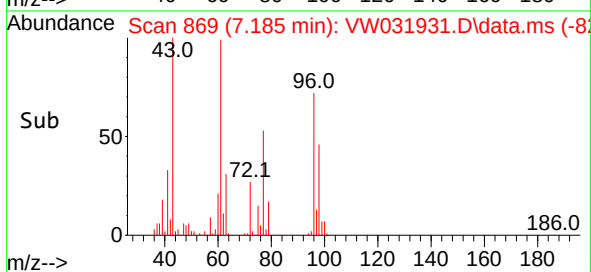
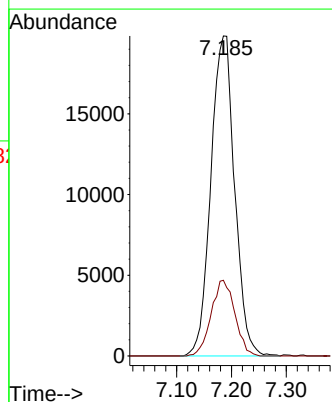
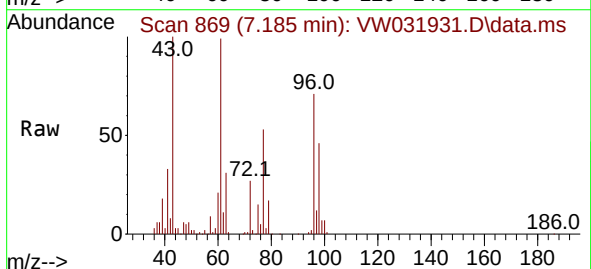
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

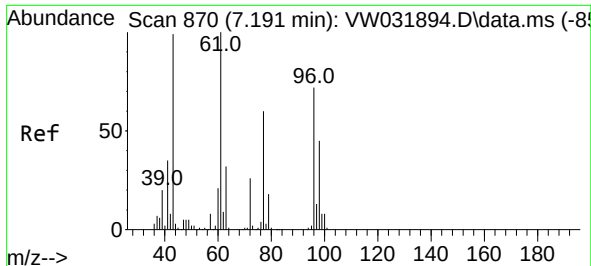
Tgt Ion: 43 Resp: 109756
Ion Ratio Lower Upper
43 100
72 28.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 21.186 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 77 Resp: 59619
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 22.055 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

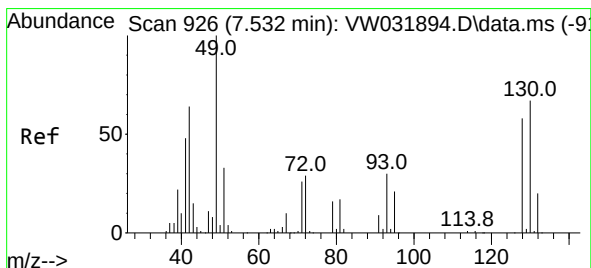
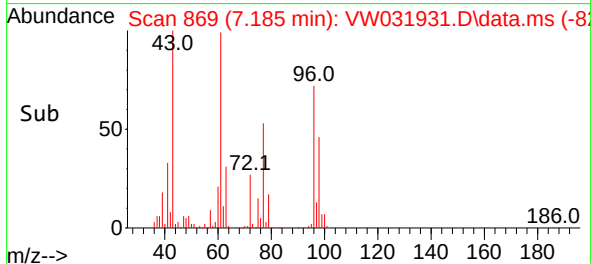
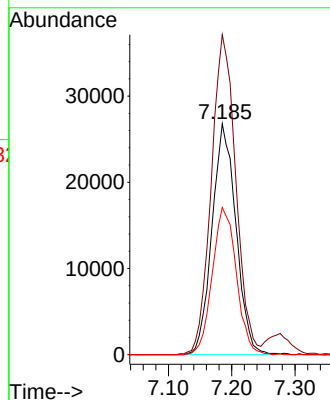
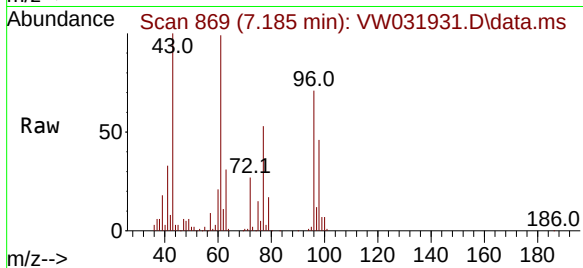
Tgt Ion: 96 Resp: 70505

Ion Ratio Lower Upper

96 100

61 141.7 0.0 280.2

98 63.9 0.0 126.8



#28

Bromochloromethane

Concen: 22.750 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

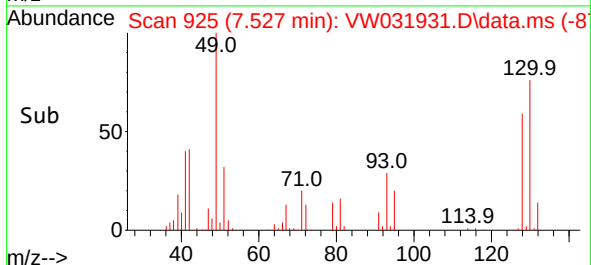
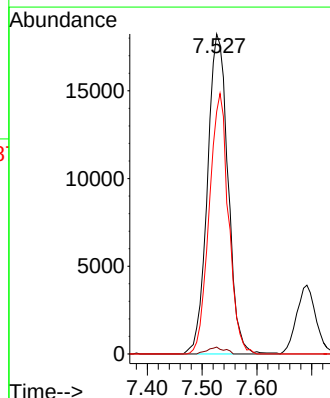
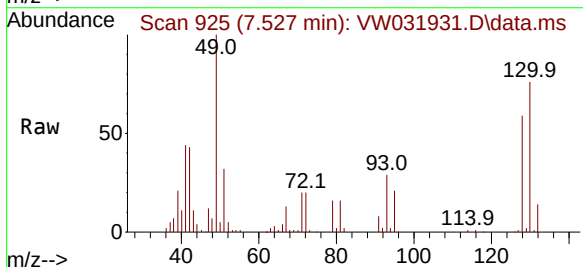
Tgt Ion: 49 Resp: 47347

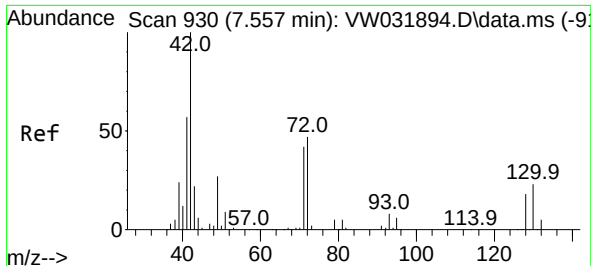
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 76.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 110.467 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

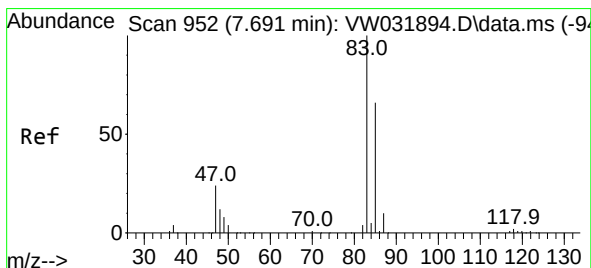
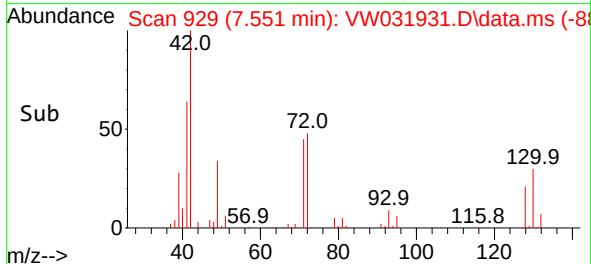
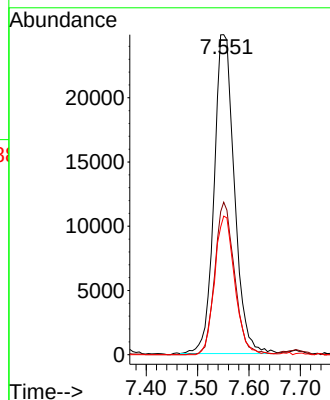
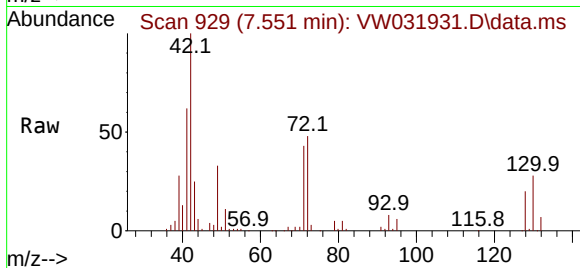
Tgt Ion: 42 Resp: 68371

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 43.2 34.5 51.7



#30

Chloroform

Concen: 22.497 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031931.D

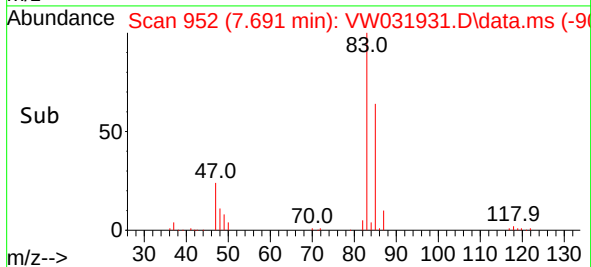
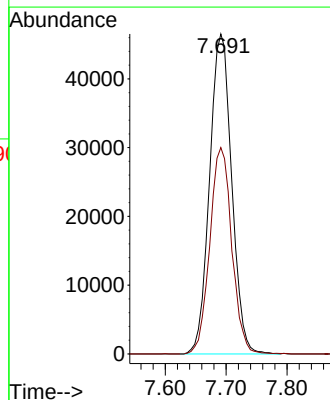
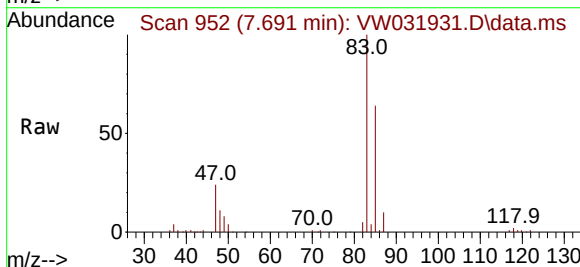
Acq: 25 Jul 2025 10:33

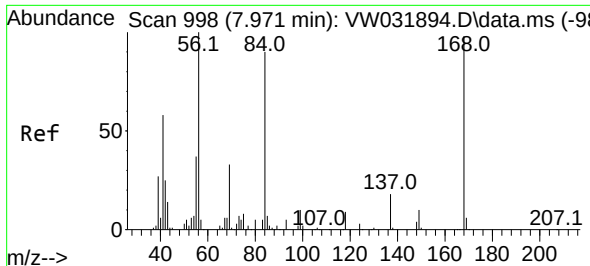
Tgt Ion: 83 Resp: 117249

Ion Ratio Lower Upper

83 100

85 64.5 52.6 78.8

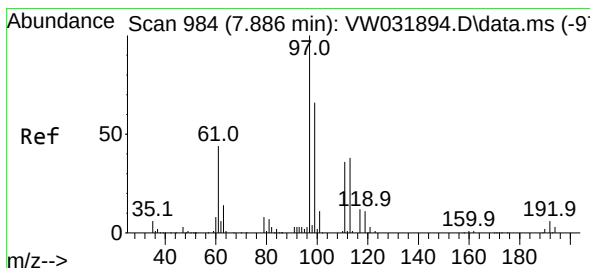
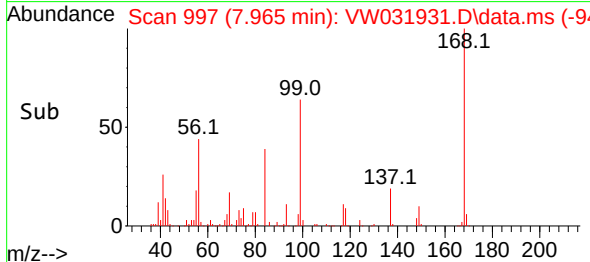
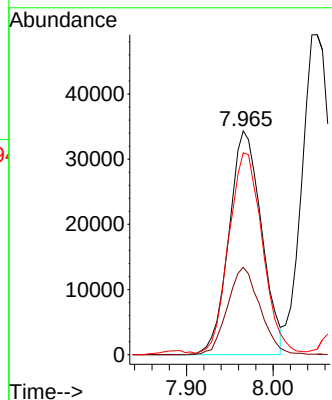
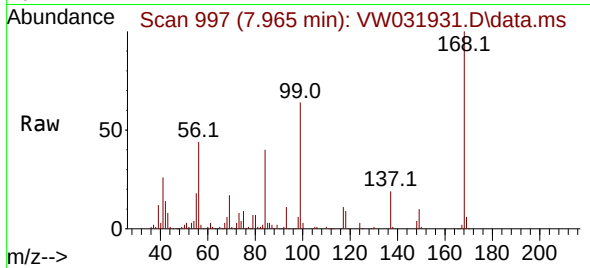




#31
Cyclohexane
Concen: 20.184 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

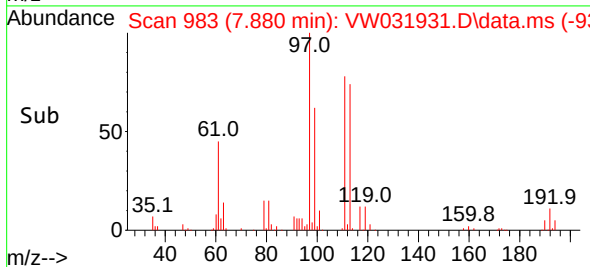
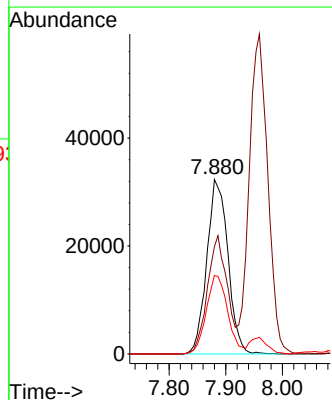
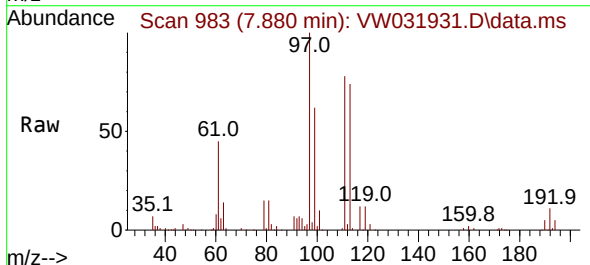
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

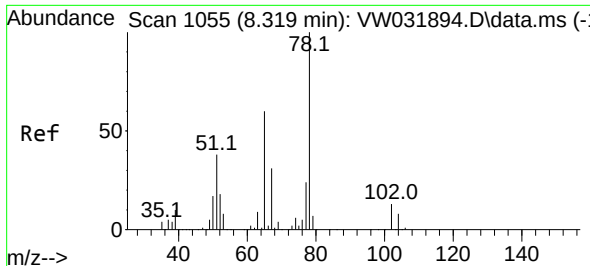
Tgt Ion: 56 Resp: 90007
Ion Ratio Lower Upper
56 100
69 39.0 26.7 40.1
84 88.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.117 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 97 Resp: 83745
Ion Ratio Lower Upper
97 100
99 63.0 53.0 79.4
61 45.6 35.4 53.0

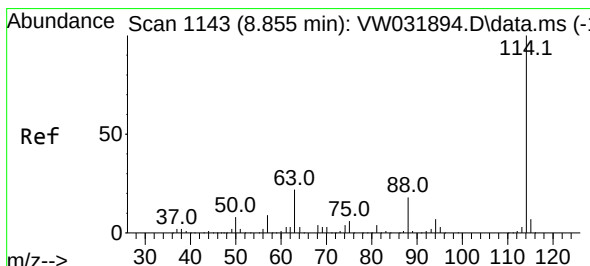
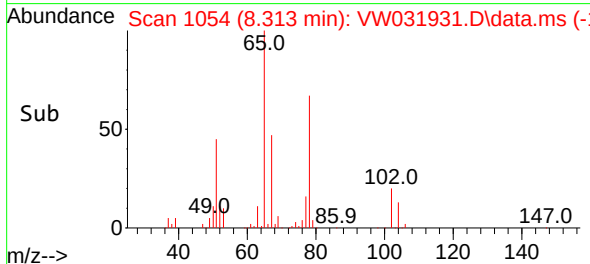
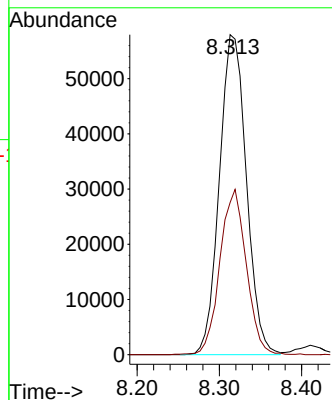
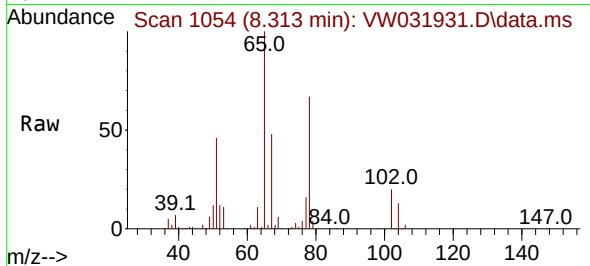




#33
 1,2-Dichloroethane-d4
 Concen: 45.464 ug/l
 RT: 8.313 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

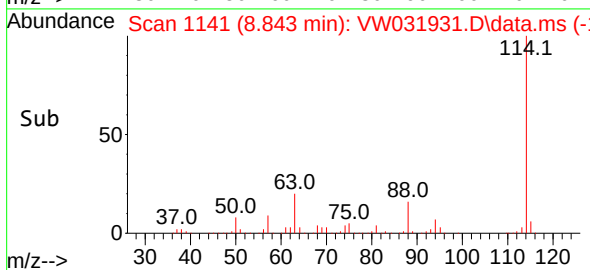
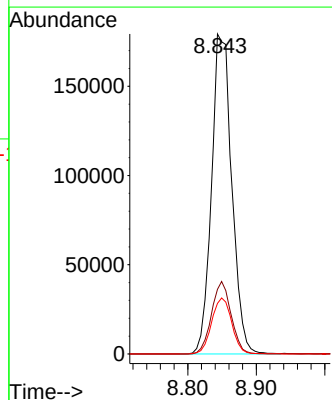
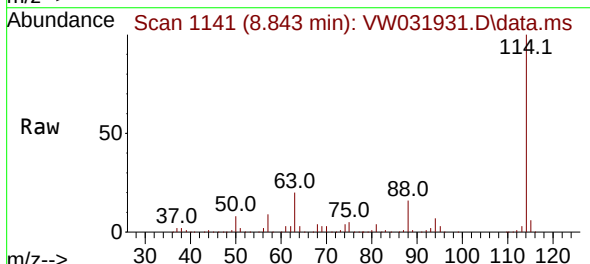
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

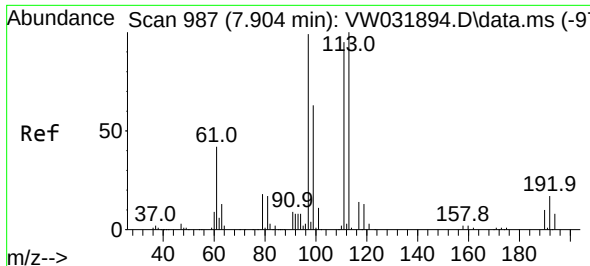
Tgt Ion: 65 Resp: 132193
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.843 min Scan# 1141
 Delta R.T. -0.012 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

Tgt Ion: 114 Resp: 368437
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.2
 88 15.8 0.0 35.6

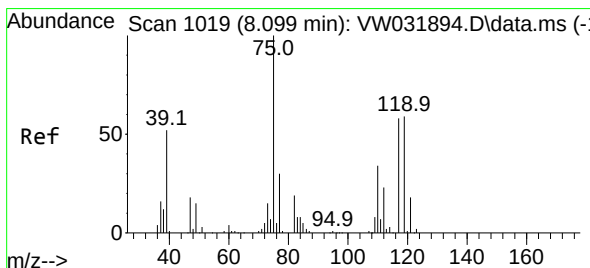
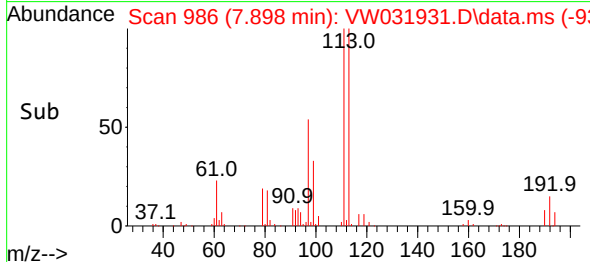
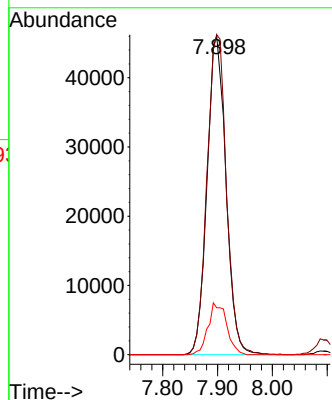
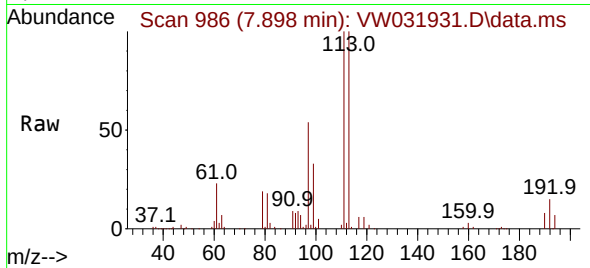




#35
 Dibromofluoromethane
 Concen: 43.925 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

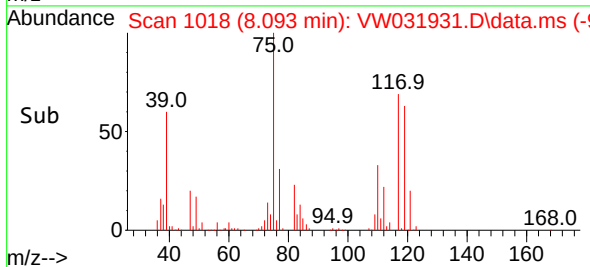
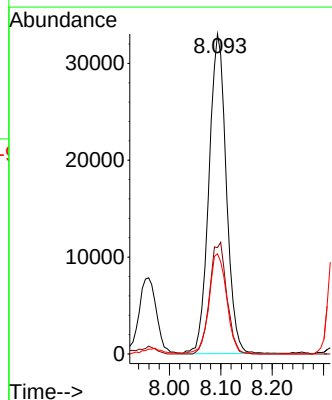
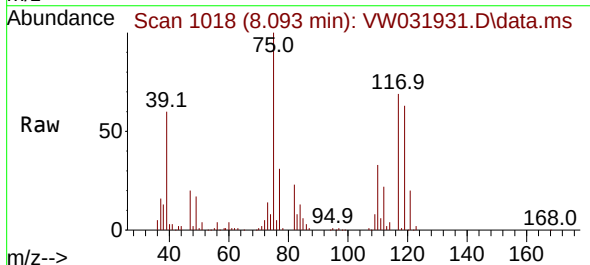
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

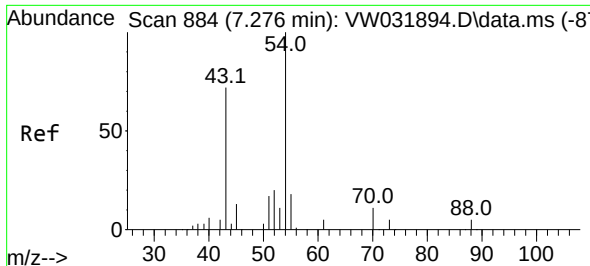
Tgt Ion:113 Resp: 109970
 Ion Ratio Lower Upper
 113 100
 111 103.0 79.9 119.9
 192 16.0 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 20.126 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

Tgt Ion: 75 Resp: 77380
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.0 50.9
 77 32.1 25.1 37.7





#37

Ethyl Acetate

Concen: 21.595 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

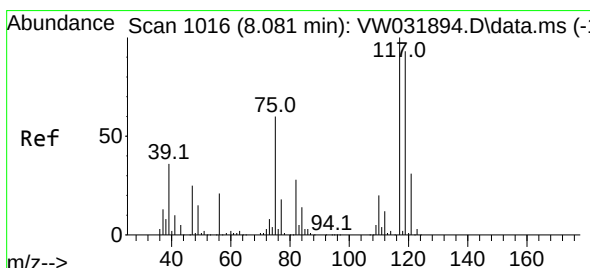
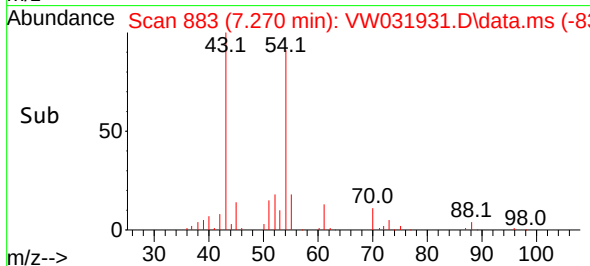
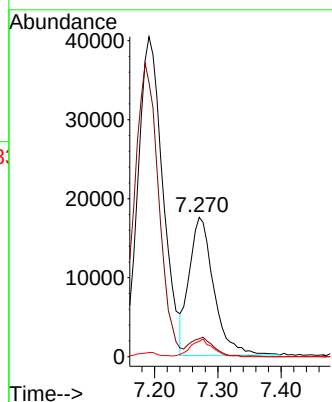
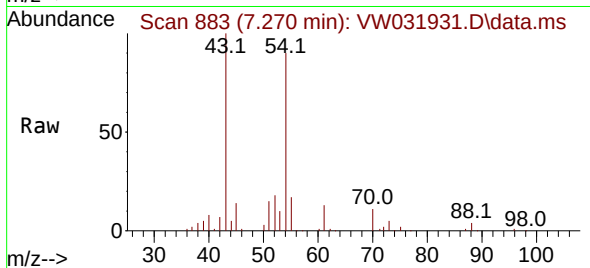
Tgt Ion: 43 Resp: 47363

Ion Ratio Lower Upper

43 100

61 12.7 10.6 15.8

70 11.2 9.0 13.4



#38

Carbon Tetrachloride

Concen: 20.172 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

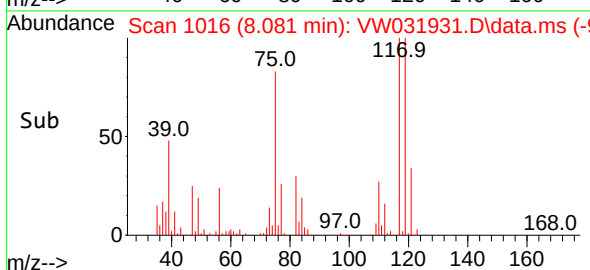
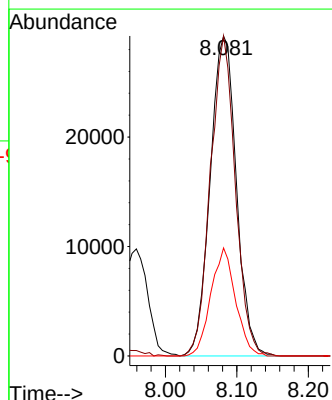
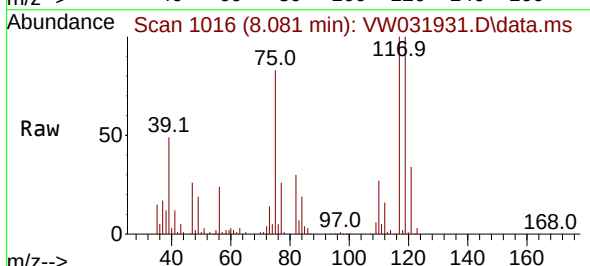
Tgt Ion: 117 Resp: 74434

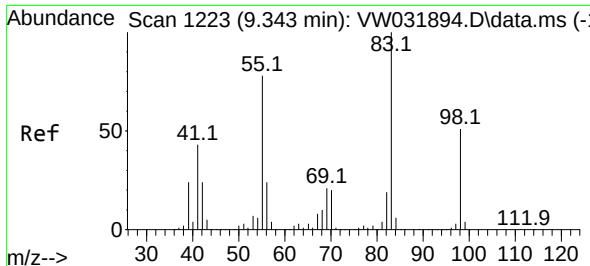
Ion Ratio Lower Upper

117 100

119 100.0 74.3 111.5

121 33.8 24.6 37.0





#39

Methylcyclohexane

Concen: 20.059 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

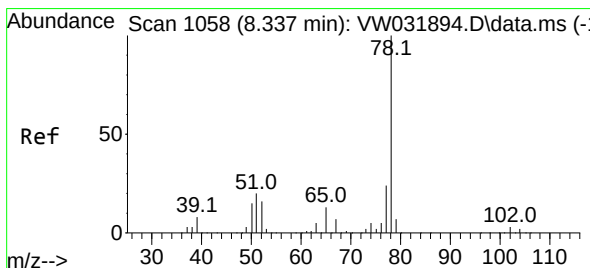
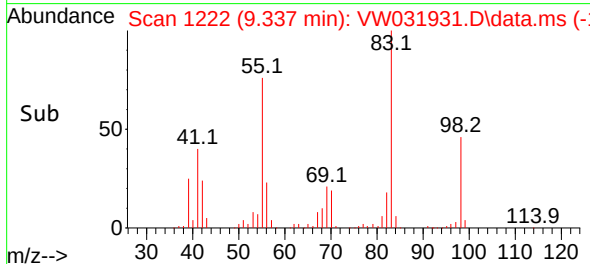
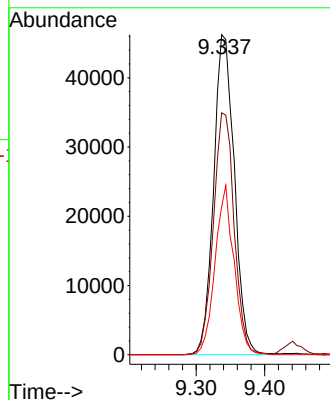
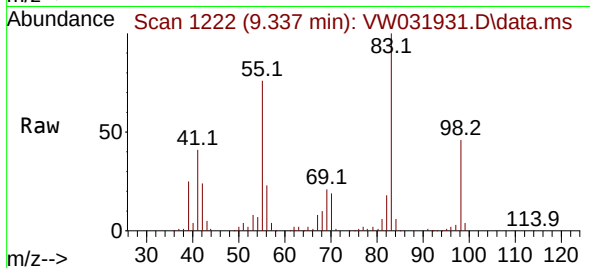
Tgt Ion: 83 Resp: 97056

Ion Ratio Lower Upper

83 100

55 75.6 62.5 93.7

98 46.2 40.6 61.0



#40

Benzene

Concen: 21.241 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031931.D

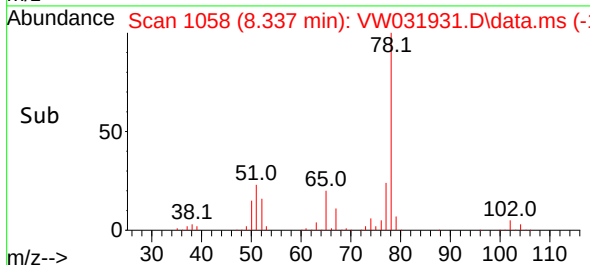
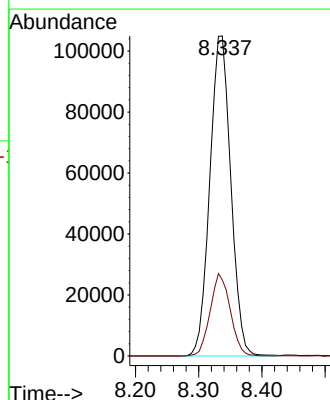
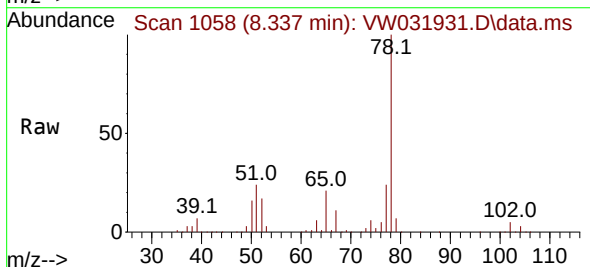
Acq: 25 Jul 2025 10:33

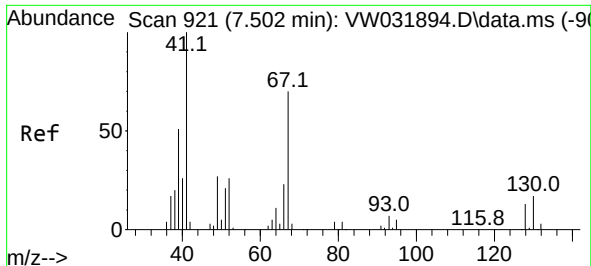
Tgt Ion: 78 Resp: 241755

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

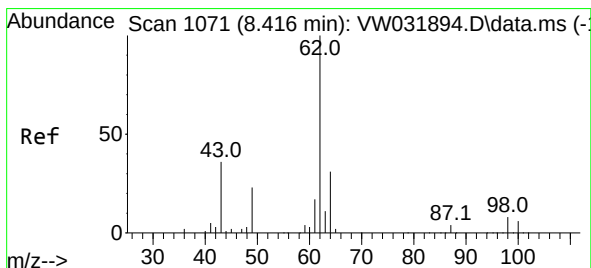
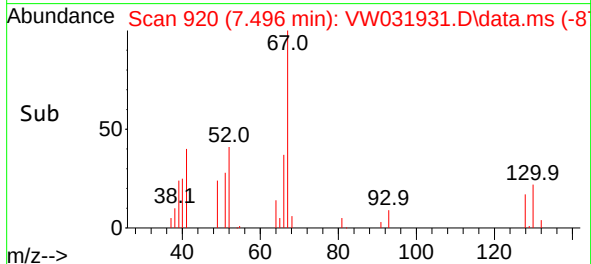
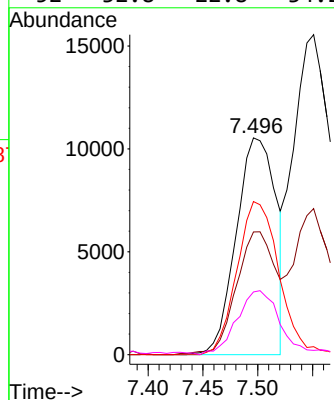
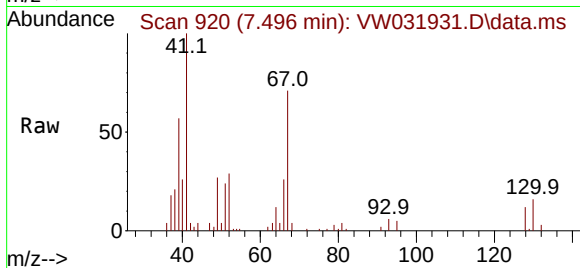




#41
Methacrylonitrile
Concen: 20.222 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

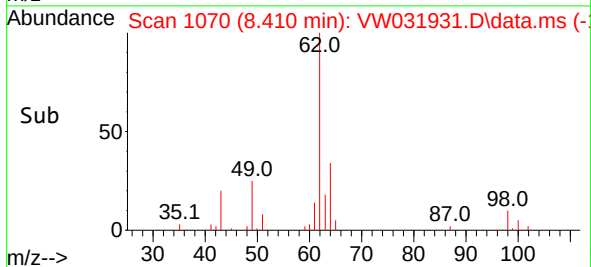
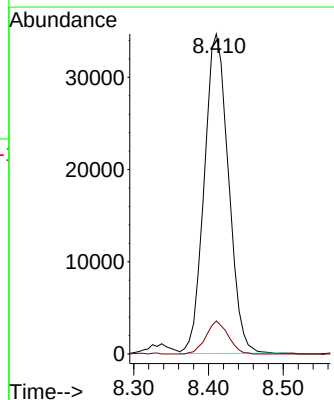
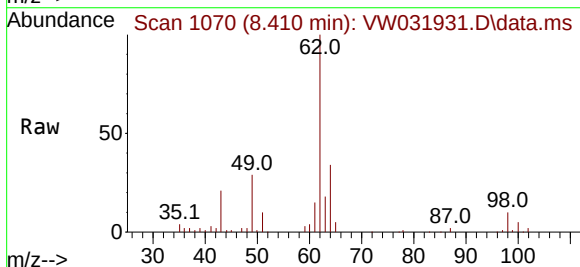
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

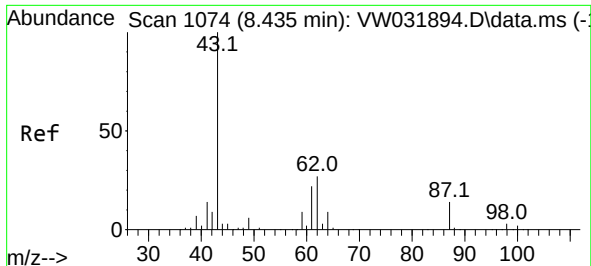
Tgt Ion:	41	Resp:	26550
Ion	Ratio	Lower	Upper
41	100		
39	55.6	41.1	61.7
67	74.7	56.2	84.4
52	32.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 21.430 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:	62	Resp:	78060
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

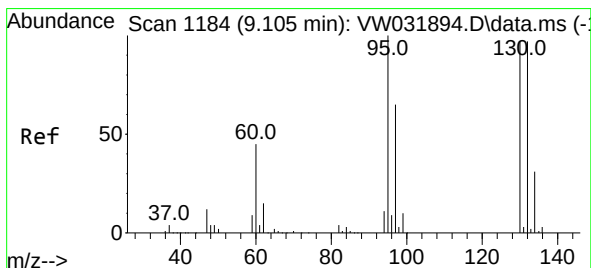
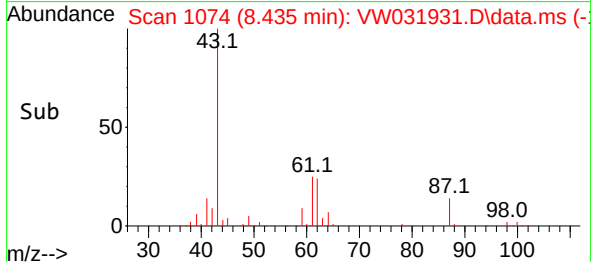
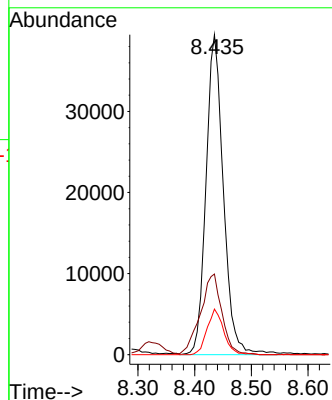
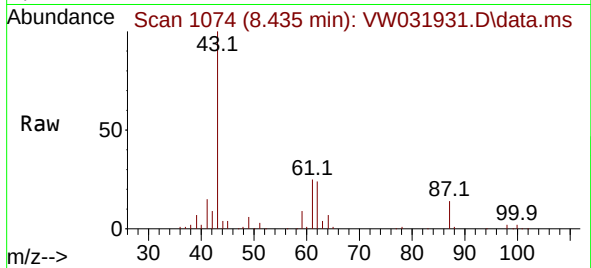




#43
Isopropyl Acetate
Concen: 21.183 ug/l
RT: 8.435 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

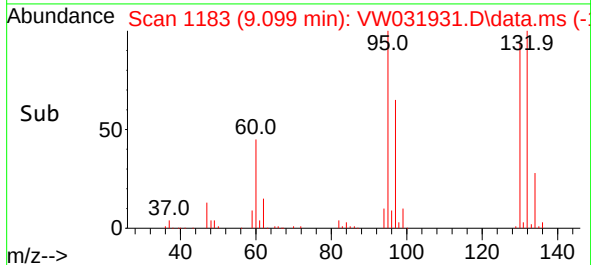
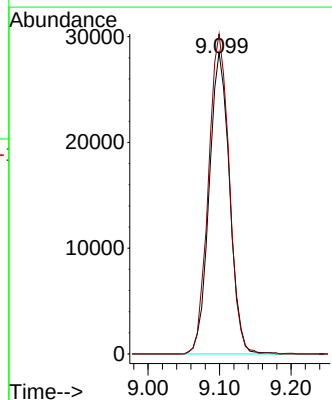
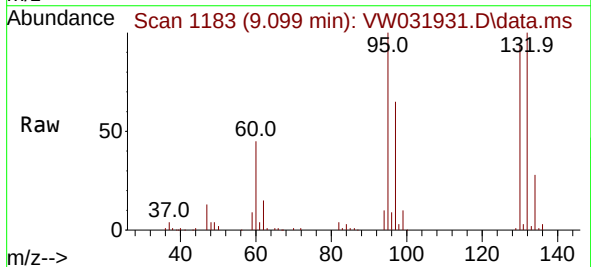
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

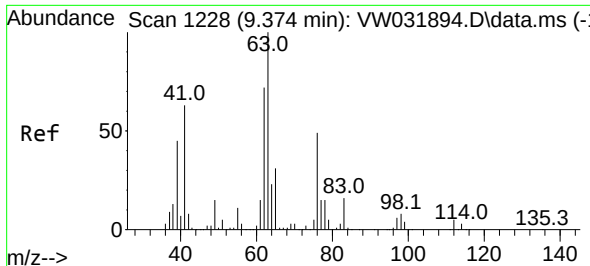
Tgt Ion: 43 Resp: 84108
Ion Ratio Lower Upper
43 100
61 31.1 24.0 36.0
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 20.863 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 130 Resp: 56440
Ion Ratio Lower Upper
130 100
95 106.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 21.739 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

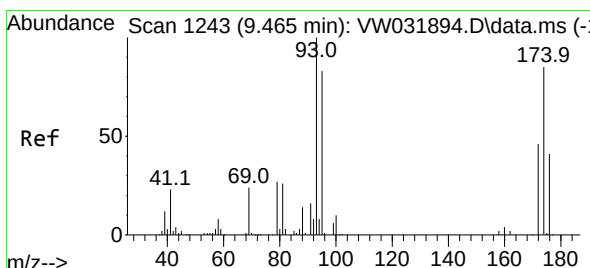
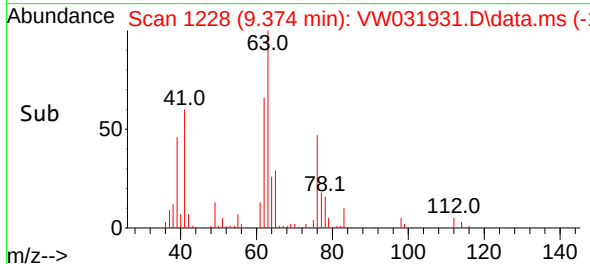
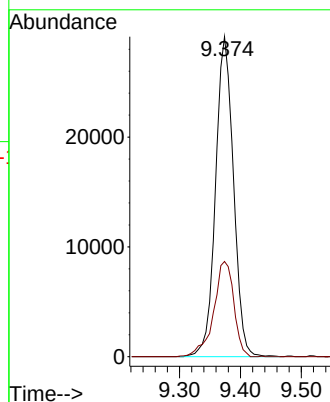
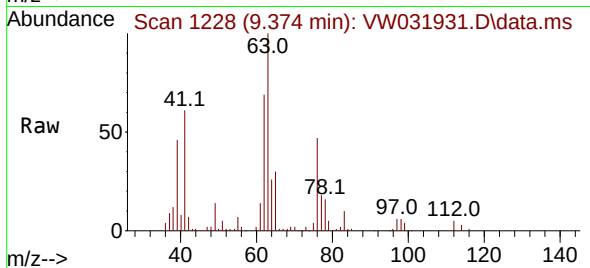
VW0725SBS01

Tgt Ion: 63 Resp: 59587

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#46

Dibromomethane

Concen: 21.779 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

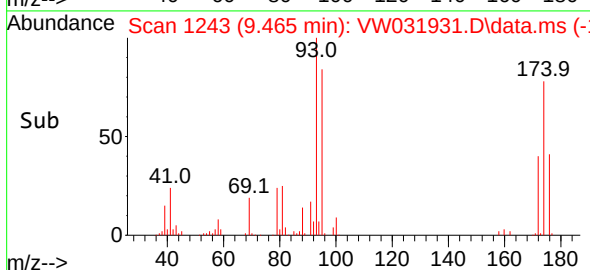
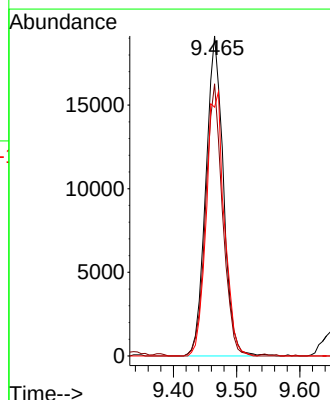
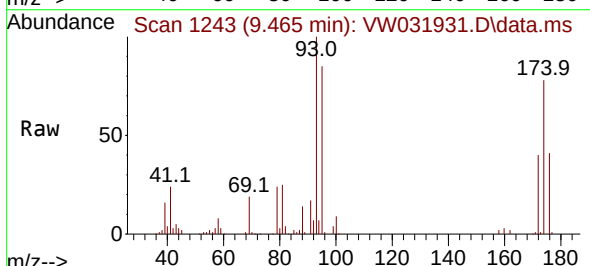
Tgt Ion: 93 Resp: 37005

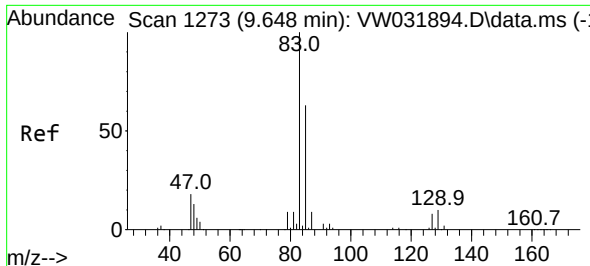
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 84.9 70.2 105.2

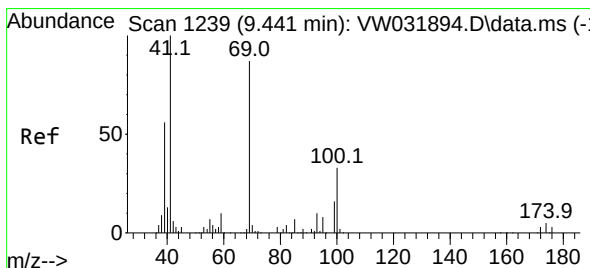
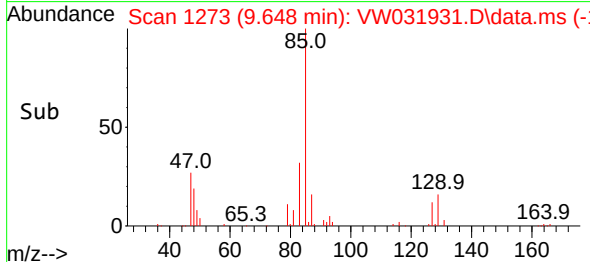
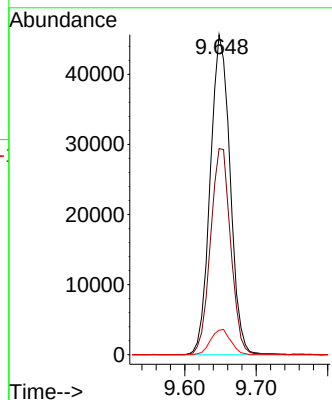
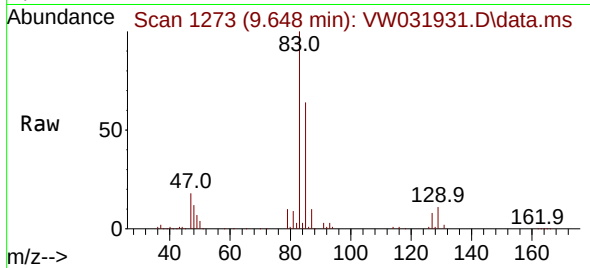




#47
Bromodichloromethane
Concen: 21.591 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

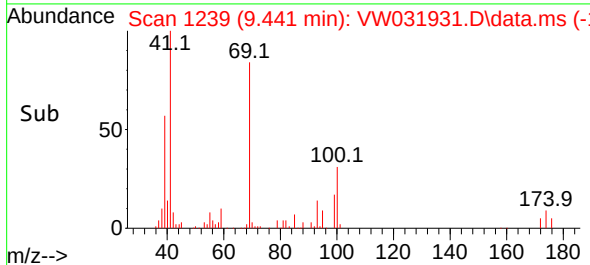
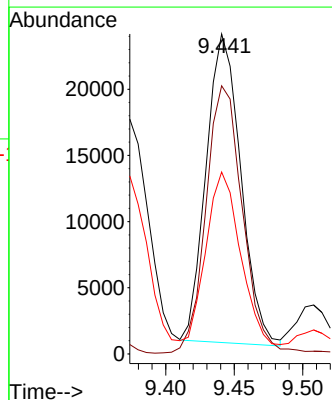
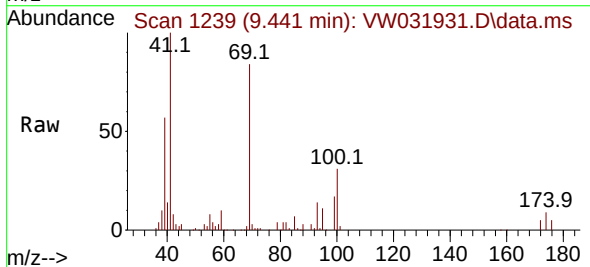
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

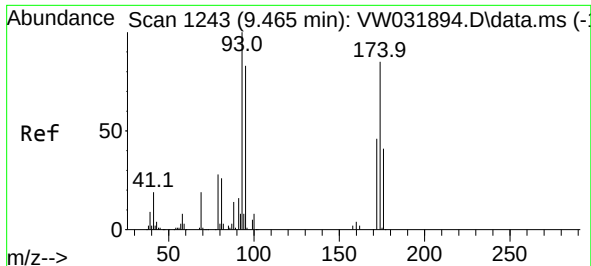
Tgt Ion: 83 Resp: 87970
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0
127 7.7 6.5 9.7



#48
Methyl methacrylate
Concen: 21.682 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 41 Resp: 40958
Ion Ratio Lower Upper
41 100
69 93.1 73.6 110.4
39 55.5 45.5 68.3

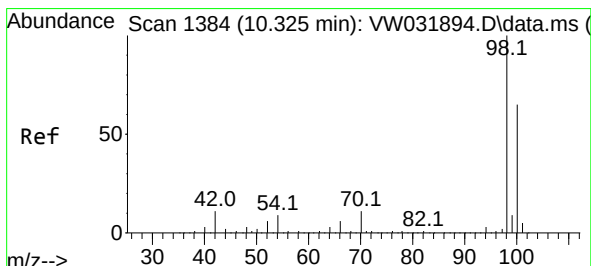
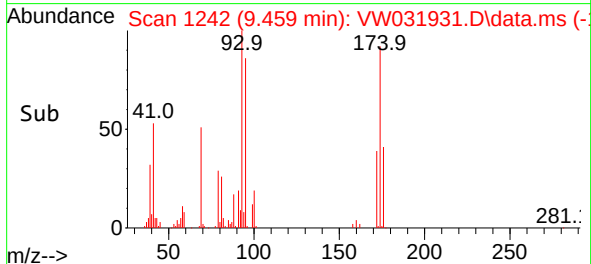
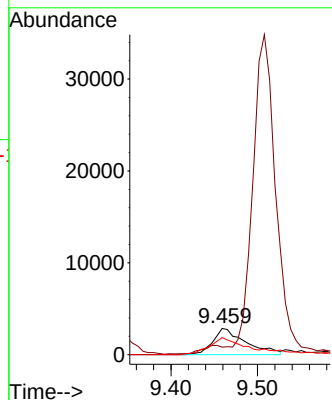
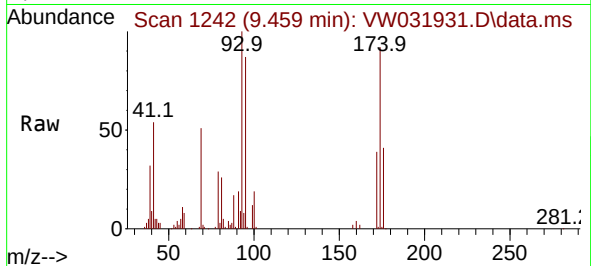




#49
1,4-Dioxane
Concen: 446.255 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

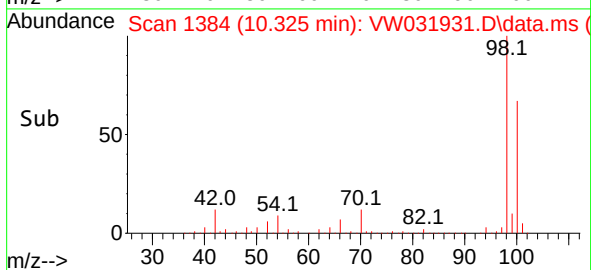
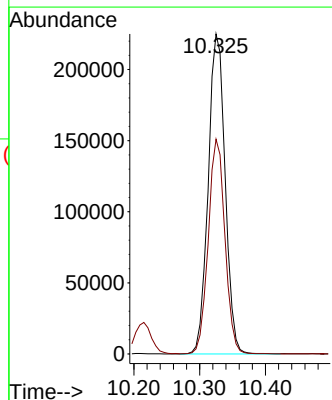
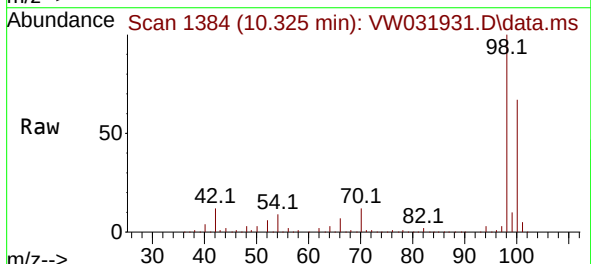
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

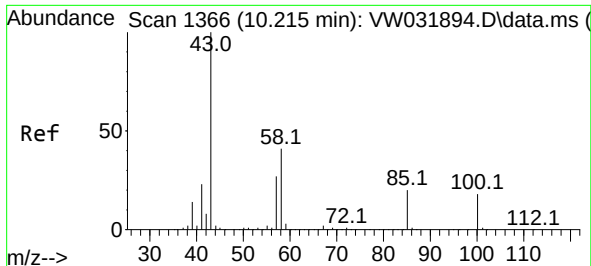
Tgt Ion: 88 Resp: 7566
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.4#
58 84.1 58.2 87.2



#50
Toluene-d8
Concen: 42.627 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 98 Resp: 403898
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

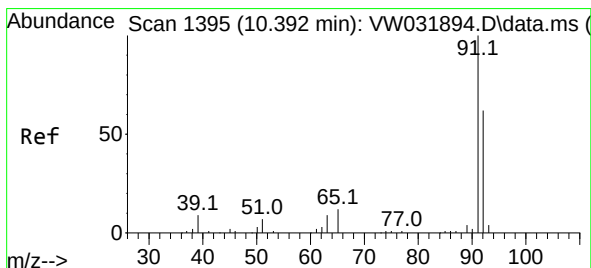
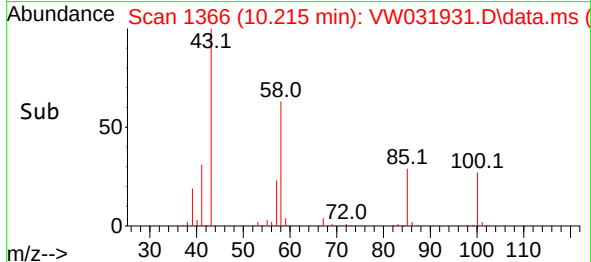
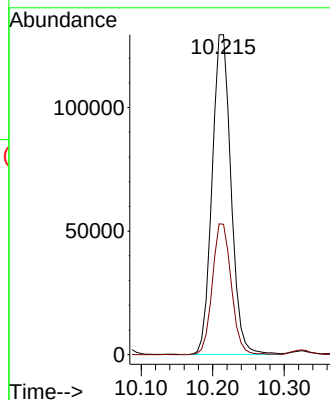
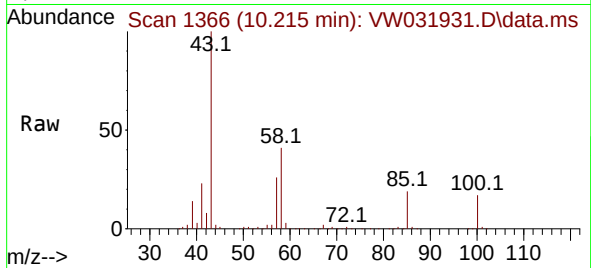




#51
4-Methyl-2-Pentanone
Concen: 109.499 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

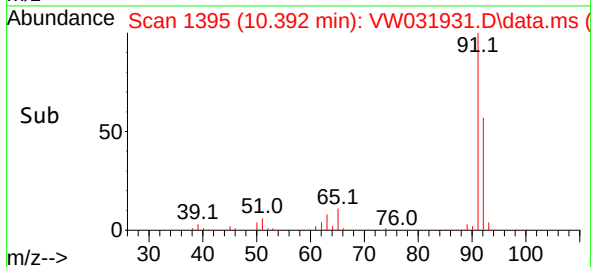
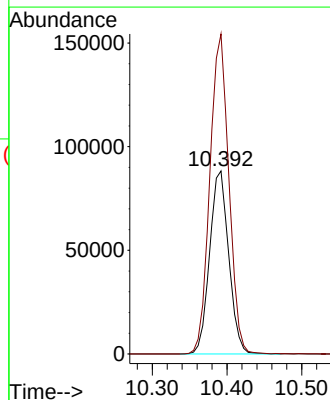
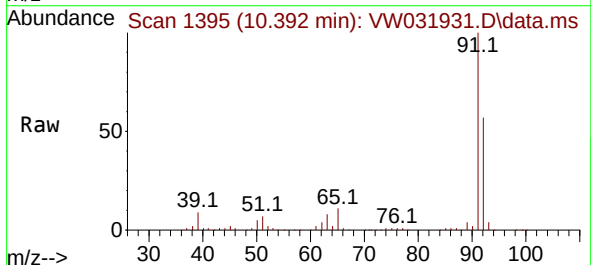
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

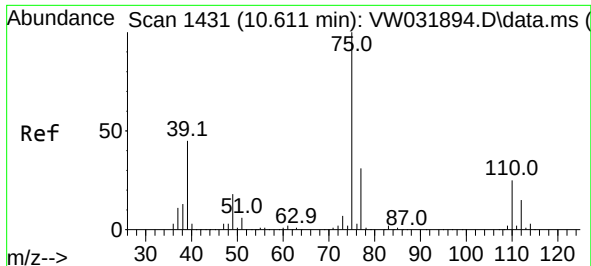
Tgt Ion: 43 Resp: 237940
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 21.389 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 92 Resp: 156489
Ion Ratio Lower Upper
92 100
91 174.0 133.7 200.5

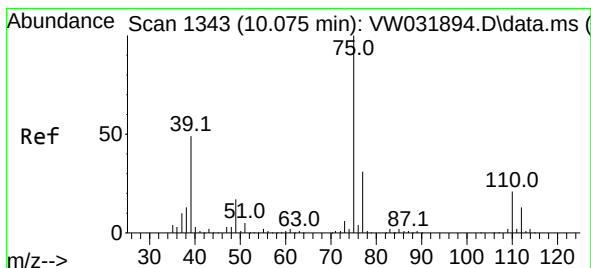
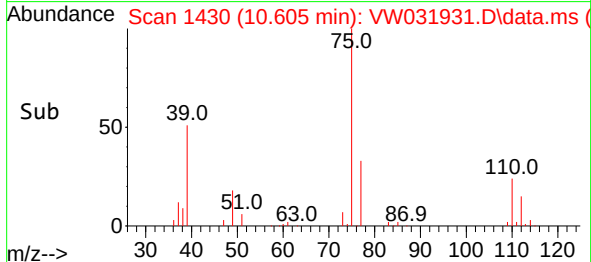
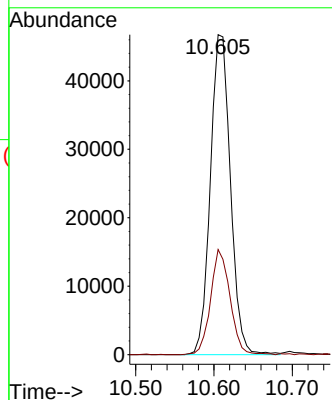
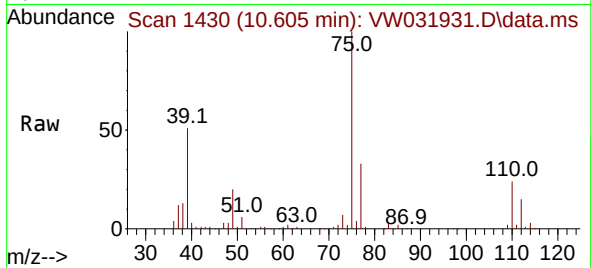




#53
t-1,3-Dichloropropene
Concen: 21.314 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

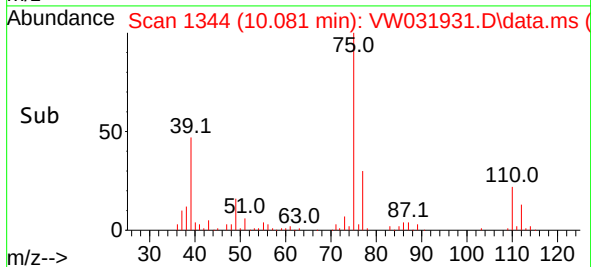
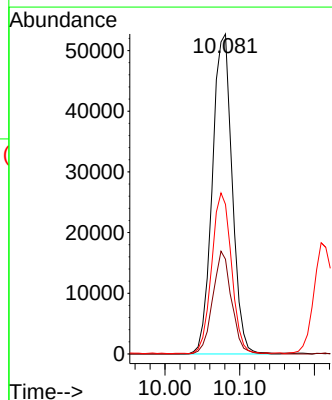
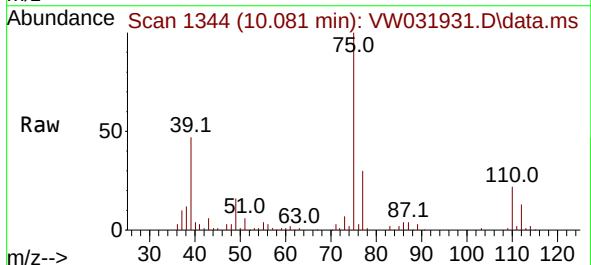
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

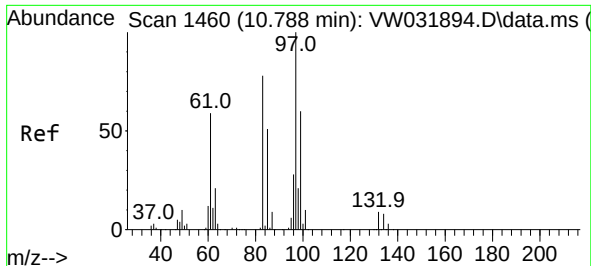
Tgt Ion: 75 Resp: 83302
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 21.765 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 75 Resp: 97143
Ion Ratio Lower Upper
75 100
77 29.6 24.5 36.7
39 46.6 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 21.861 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tgt Ion: 97 Resp: 49340

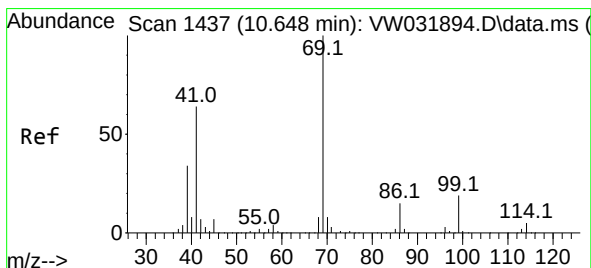
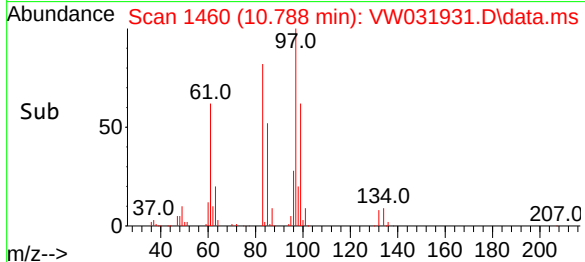
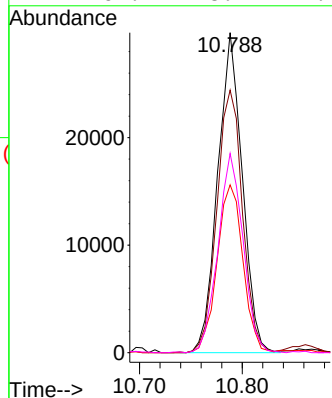
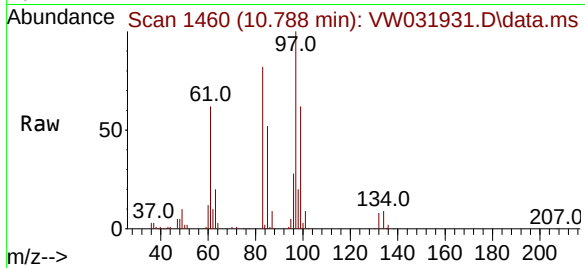
Ion Ratio Lower Upper

97 100

83 81.8 62.4 93.6

85 52.4 41.0 61.6

99 62.1 48.1 72.1



#56

Ethyl methacrylate

Concen: 21.594 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

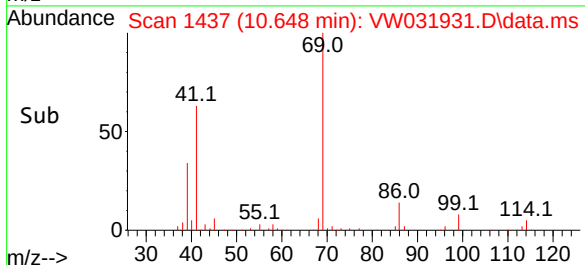
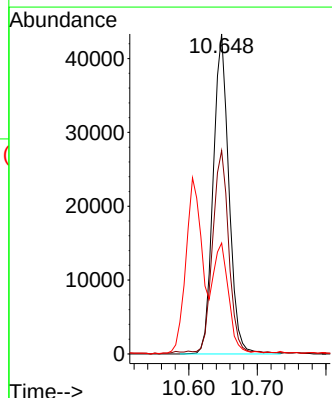
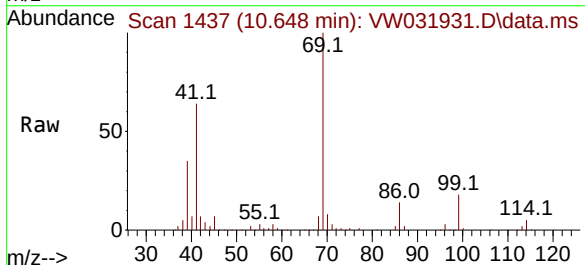
Tgt Ion: 69 Resp: 68832

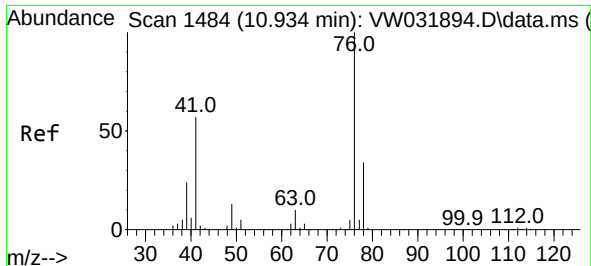
Ion Ratio Lower Upper

69 100

41 67.6 52.0 78.0

39 32.6 26.6 40.0





#57

1,3-Dichloropropane

Concen: 22.236 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

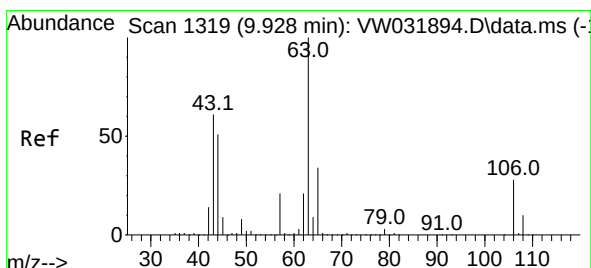
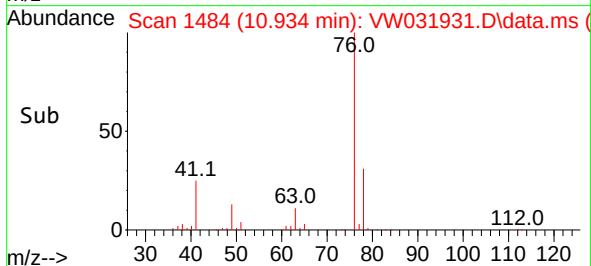
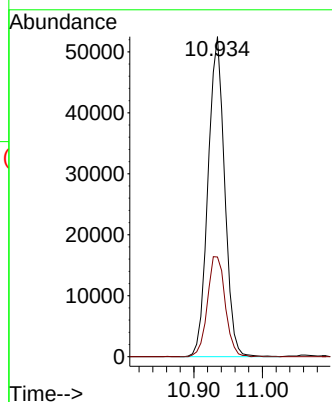
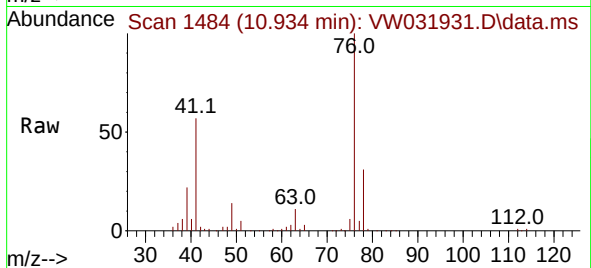
VW0725SBS01

Tgt Ion: 76 Resp: 88414

Ion Ratio Lower Upper

76 100

78 33.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 108.785 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031931.D

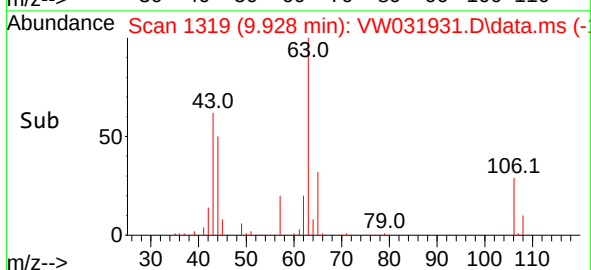
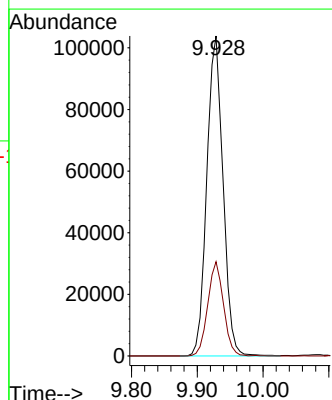
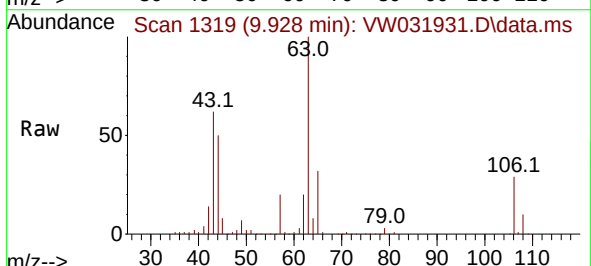
Acq: 25 Jul 2025 10:33

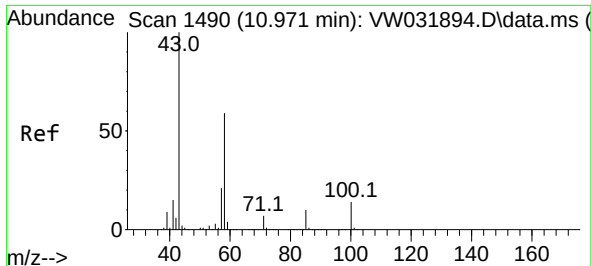
Tgt Ion: 63 Resp: 178114

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

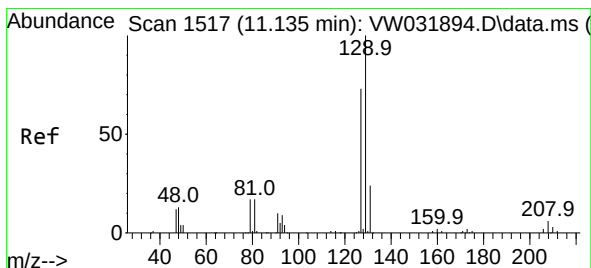
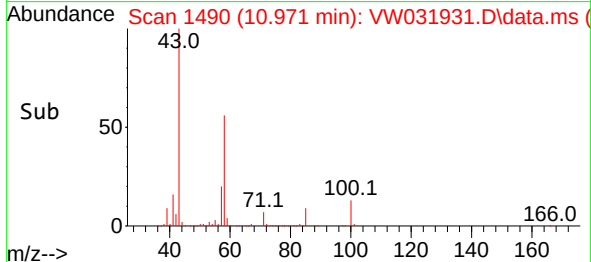
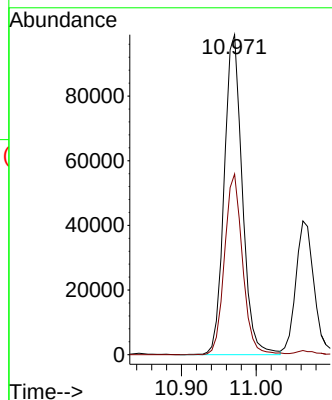
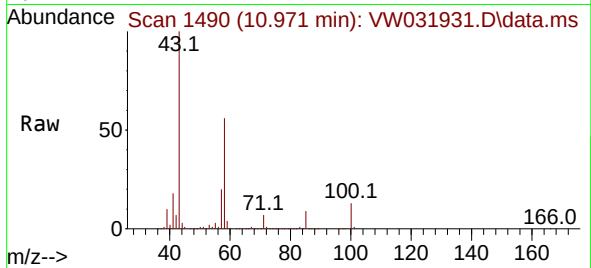




#59
2-Hexanone
Concen: 110.171 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

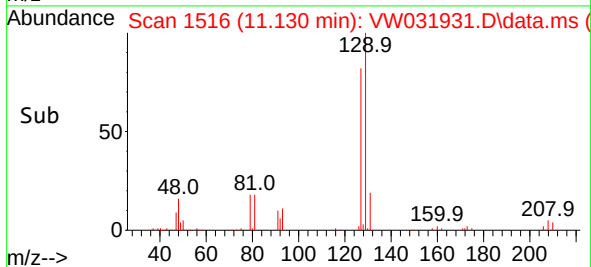
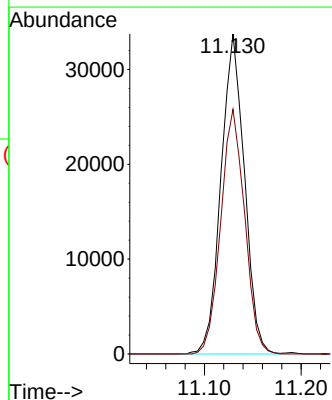
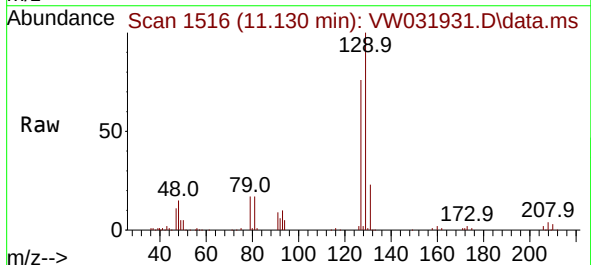
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

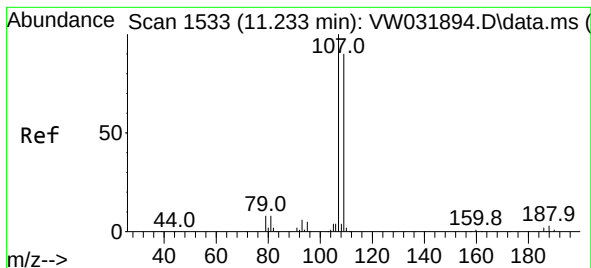
Tgt Ion: 43 Resp: 166406
Ion Ratio Lower Upper
43 100
58 56.1 28.5 85.6



#60
Dibromochloromethane
Concen: 21.538 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:129 Resp: 56678
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8

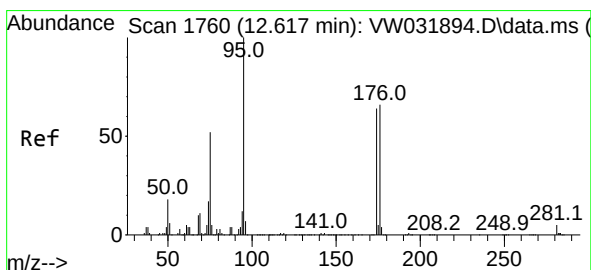
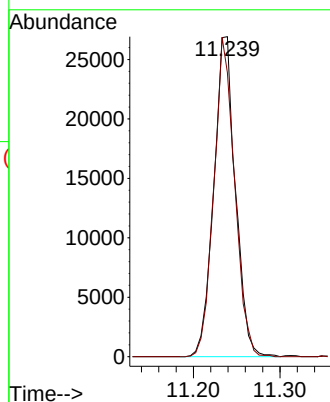
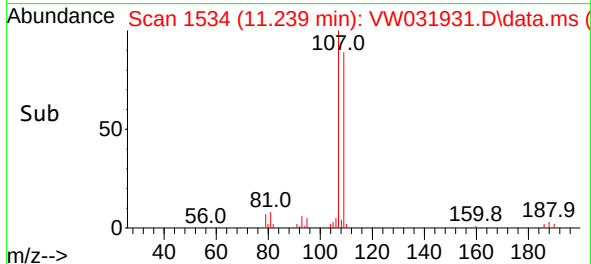
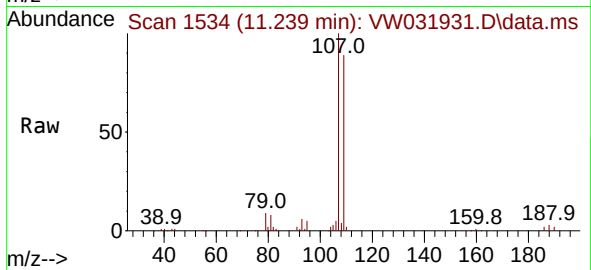




#61
1,2-Dibromoethane
Concen: 20.945 ug/l
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

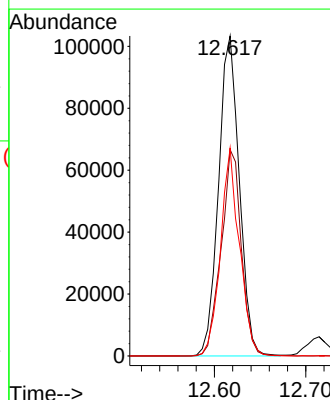
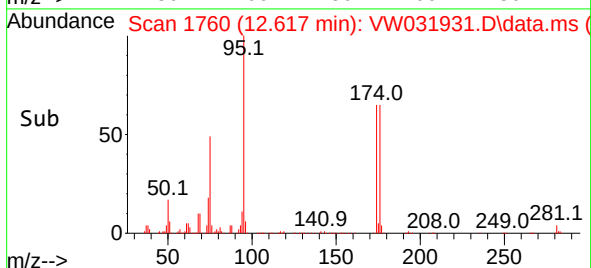
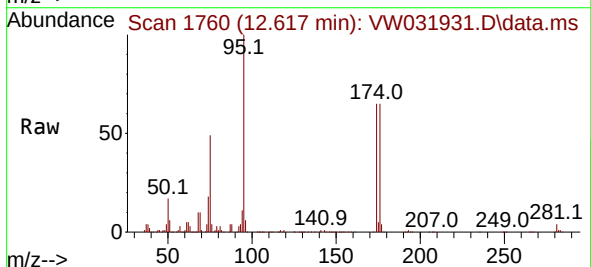
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

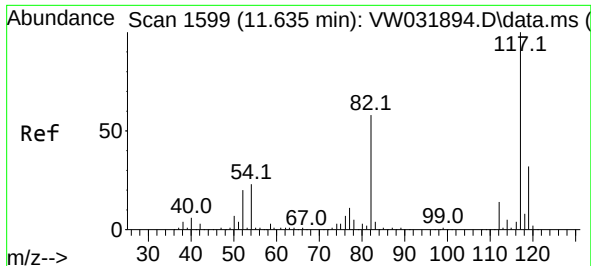
Tgt Ion:107 Resp: 46712
Ion Ratio Lower Upper
107 100
109 95.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 95 Resp: 163242
Ion Ratio Lower Upper
95 100
174 62.9 0.0 129.8
176 59.4 0.0 130.4

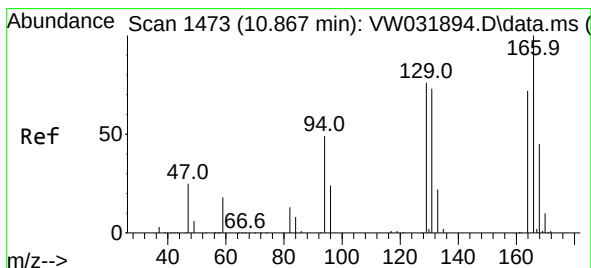
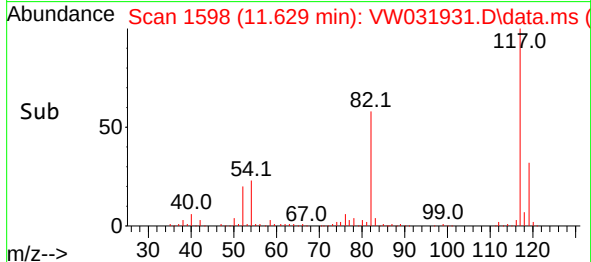
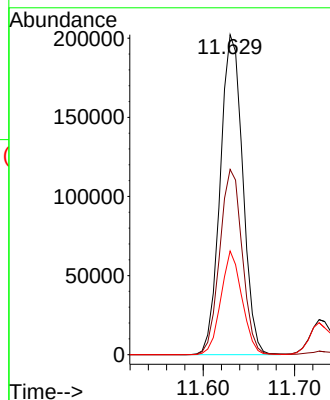
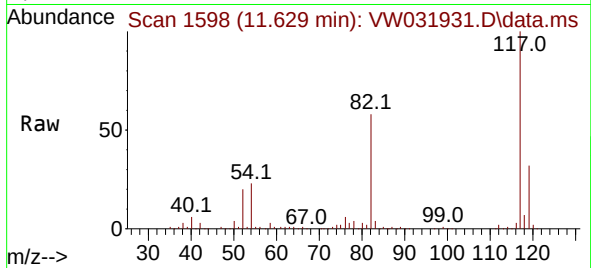




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

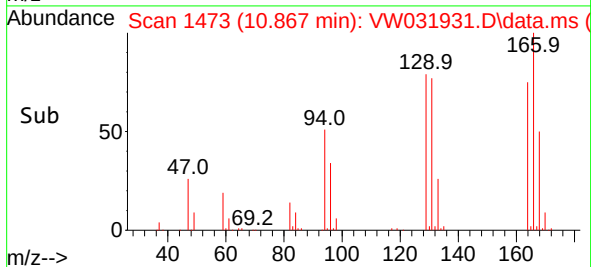
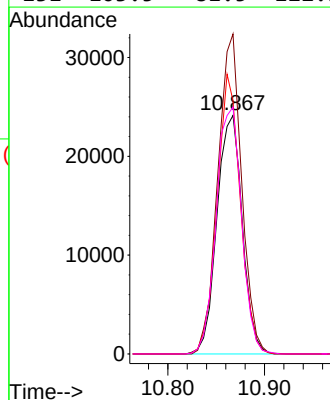
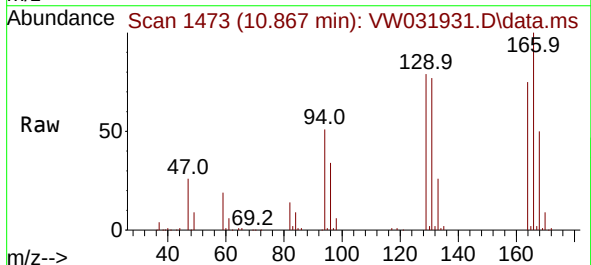
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

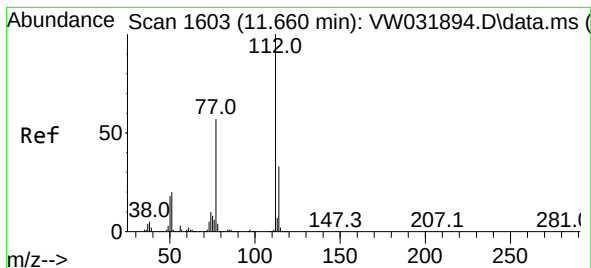
Tgt Ion:117 Resp: 346490
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.190 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:164 Resp: 43838
Ion Ratio Lower Upper
164 100
166 134.1 111.5 167.3
129 106.1 85.1 127.7
131 103.5 81.5 122.3





#65

Chlorobenzene

Concen: 19.456 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

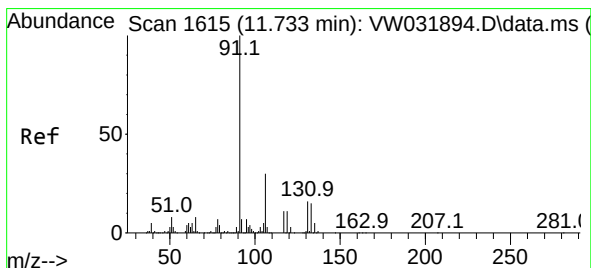
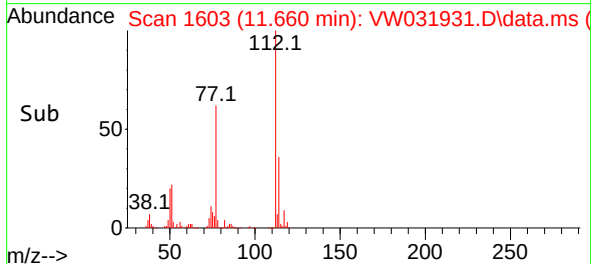
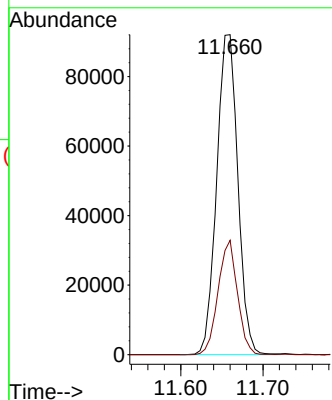
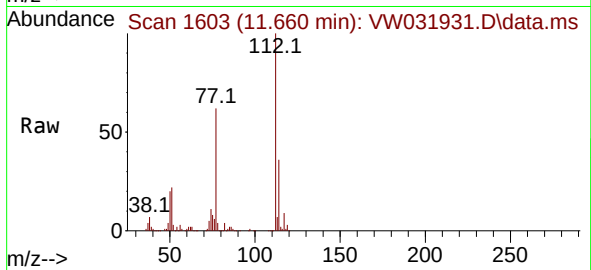
VW0725SBS01

Tgt Ion:112 Resp: 164988

Ion Ratio Lower Upper

112 100

114 35.8 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

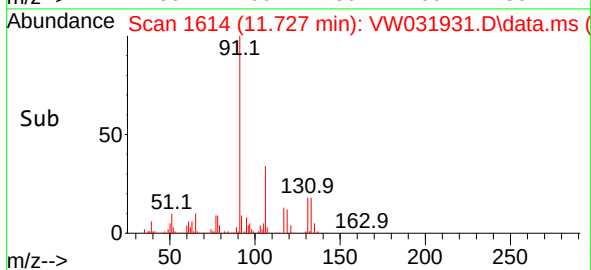
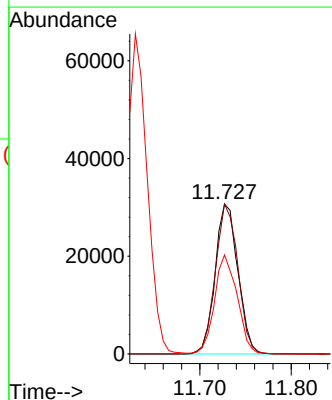
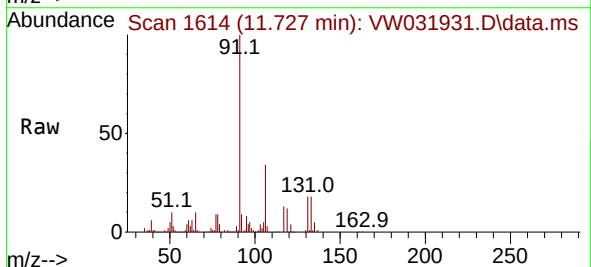
Tgt Ion:131 Resp: 53221

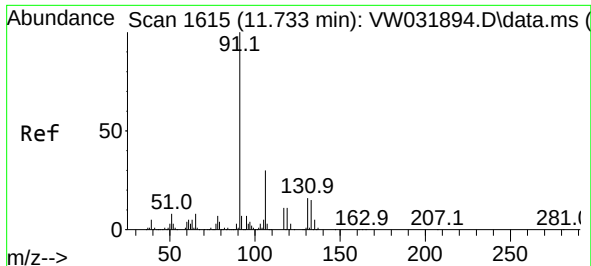
Ion Ratio Lower Upper

131 100

133 98.7 48.1 144.4

119 65.6 33.7 101.1





#67

Ethyl Benzene

Concen: 19.865 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

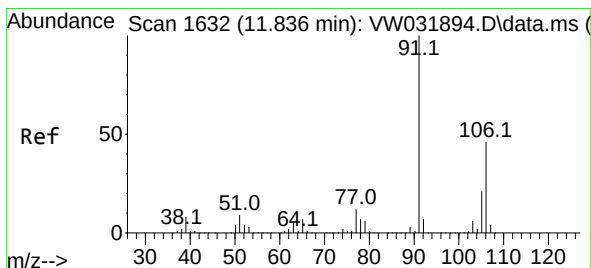
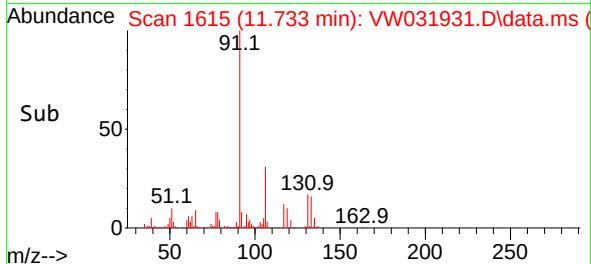
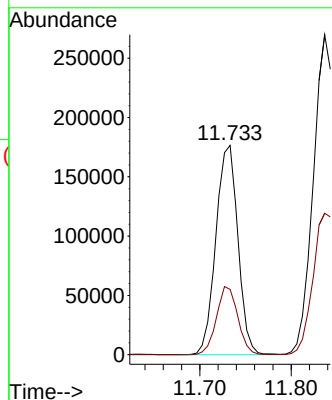
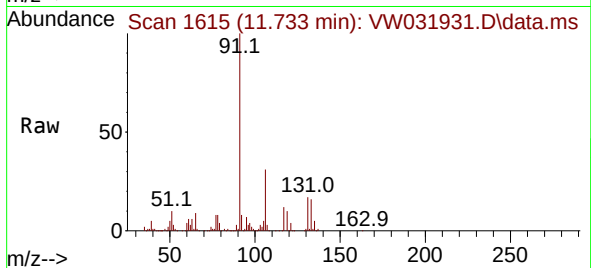
VW0725SBS01

Tgt Ion: 91 Resp: 295979

Ion Ratio Lower Upper

91 100

106 31.2 23.8 35.6



#68

m/p-Xylenes

Concen: 40.551 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031931.D

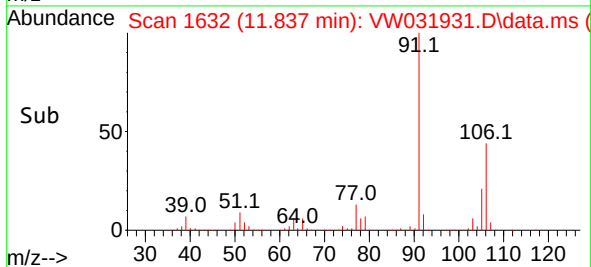
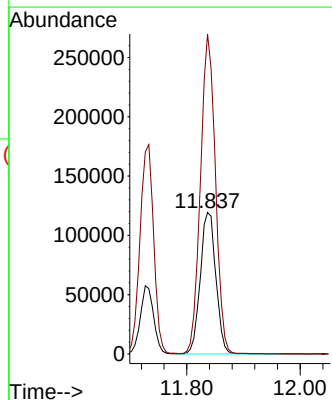
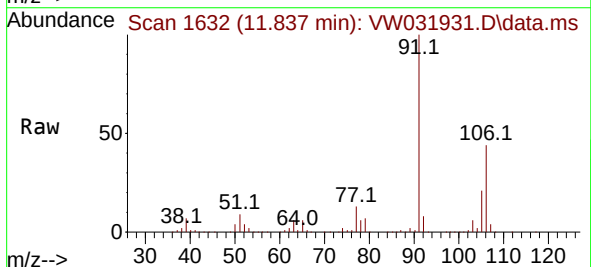
Acq: 25 Jul 2025 10:33

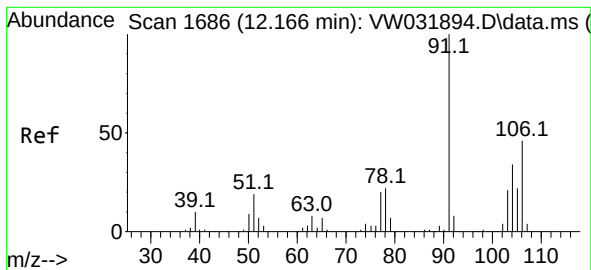
Tgt Ion: 106 Resp: 227455

Ion Ratio Lower Upper

106 100

91 217.4 167.7 251.5





#69

o-Xylene

Concen: 20.136 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

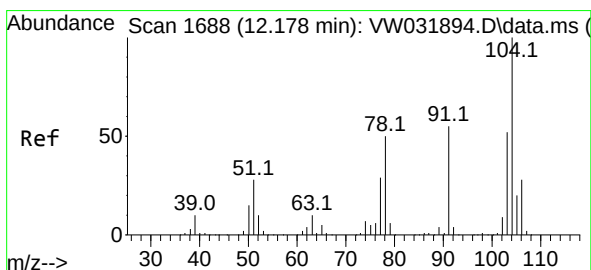
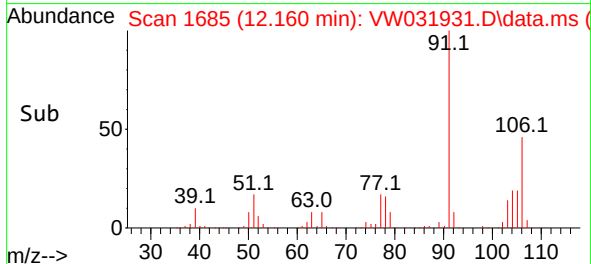
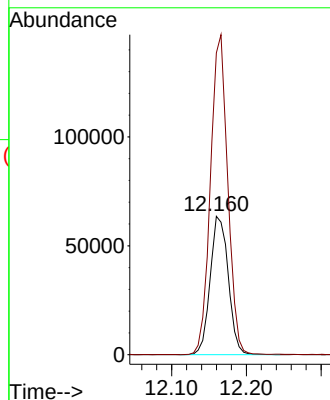
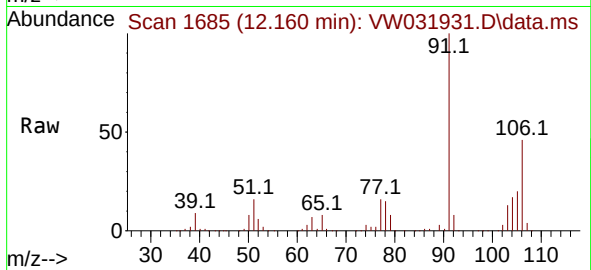
VW0725SBS01

Tgt Ion:106 Resp: 106888

Ion Ratio Lower Upper

106 100

91 220.7 108.2 324.6



#70

Styrene

Concen: 21.317 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

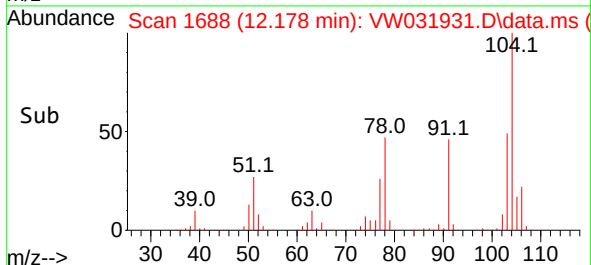
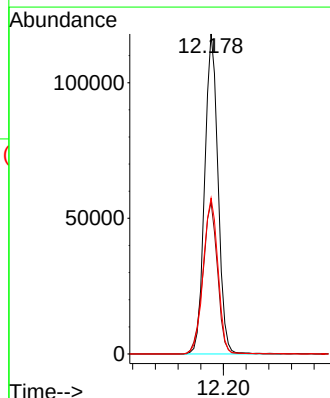
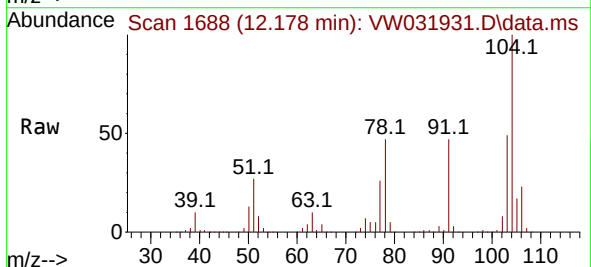
Tgt Ion:104 Resp: 192659

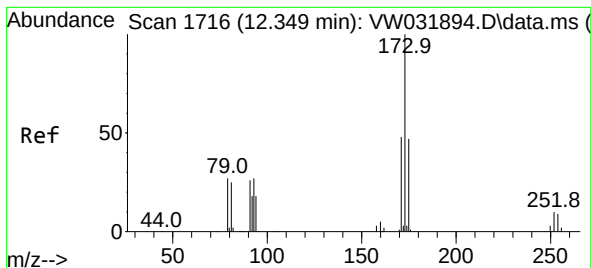
Ion Ratio Lower Upper

104 100

78 51.5 42.2 63.4

103 53.6 42.8 64.2





#71

Bromoform

Concen: 20.242 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

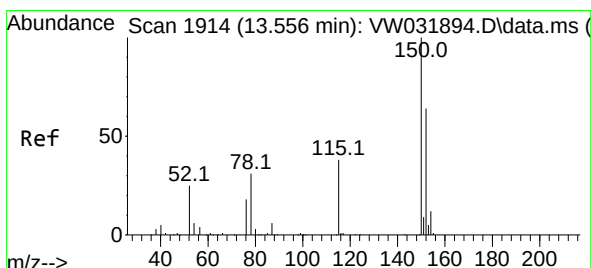
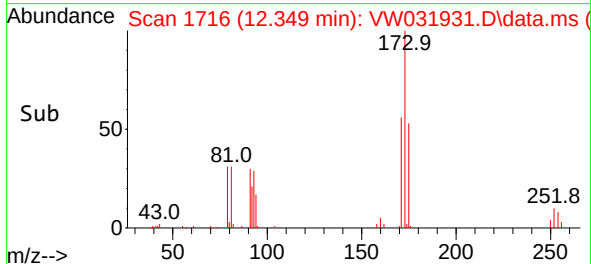
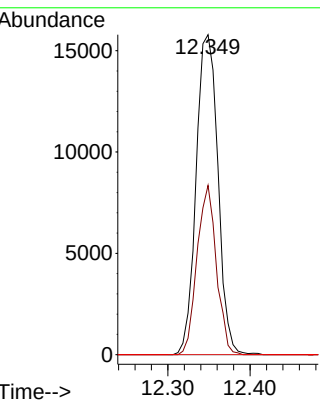
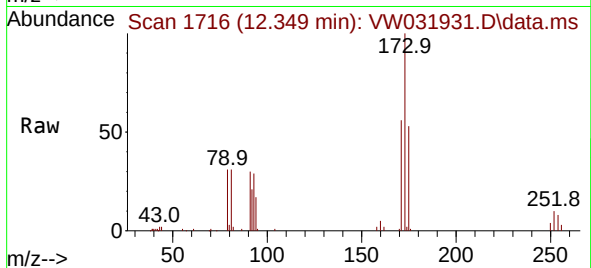
Tgt Ion:173 Resp: 29104

Ion Ratio Lower Upper

173 100

175 46.9 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: VW031931.D

Acq: 25 Jul 2025 10:33

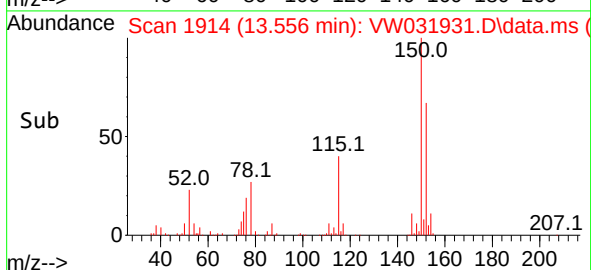
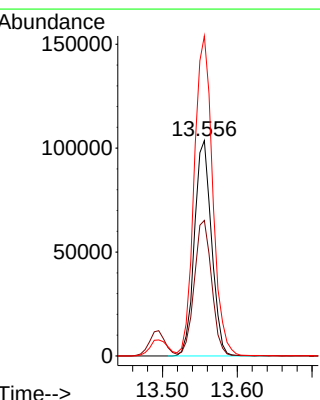
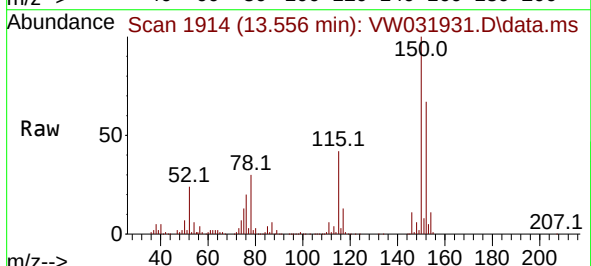
Tgt Ion:152 Resp: 164457

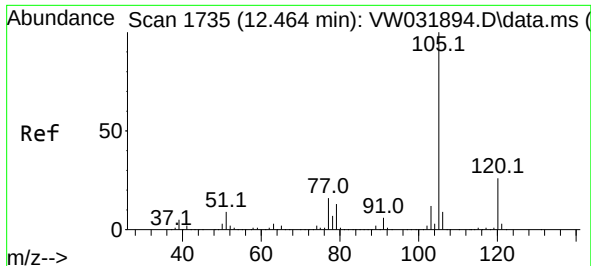
Ion Ratio Lower Upper

152 100

115 64.2 33.4 100.1

150 160.2 0.0 352.2

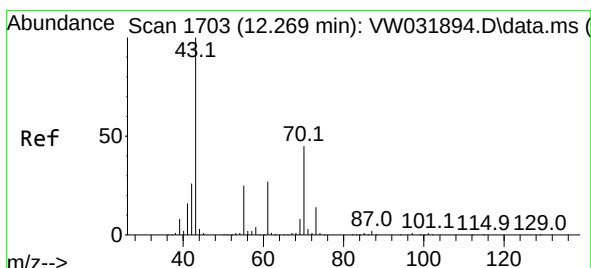
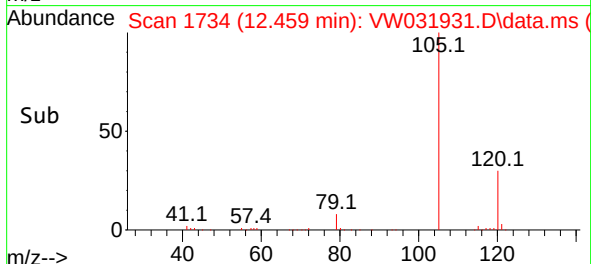
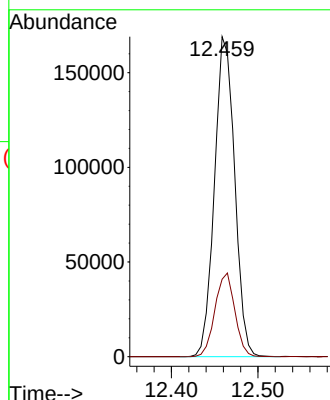
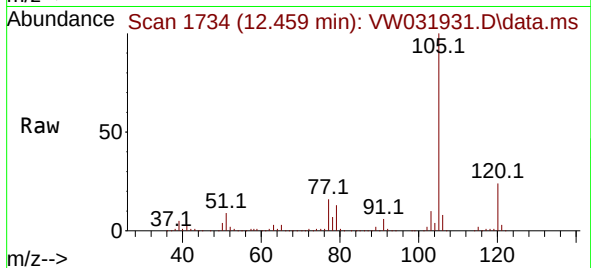




#73
Isopropylbenzene
Concen: 19.199 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

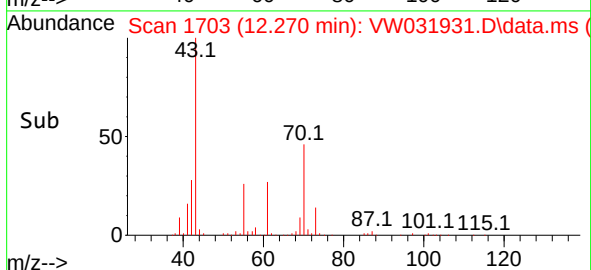
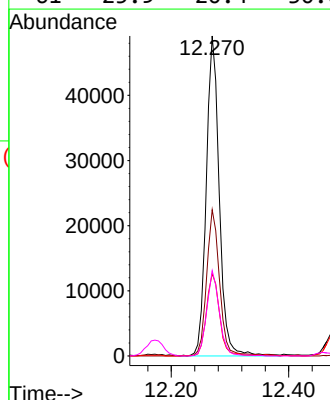
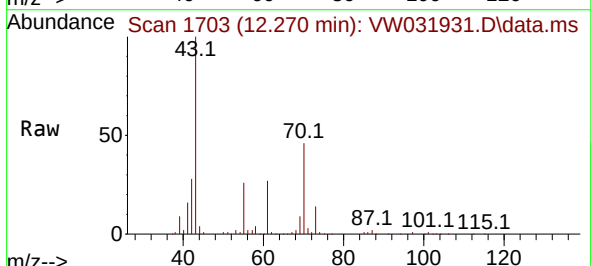
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

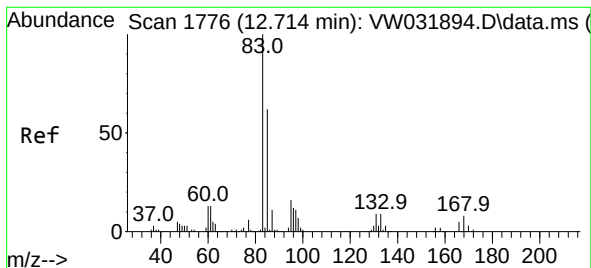
Tgt Ion:105 Resp: 273951
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 19.583 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 43 Resp: 75545
Ion Ratio Lower Upper
43 100
70 45.4 36.6 55.0
55 25.9 20.7 31.1
61 25.9 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.968 ug/l

RT: 12.715 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

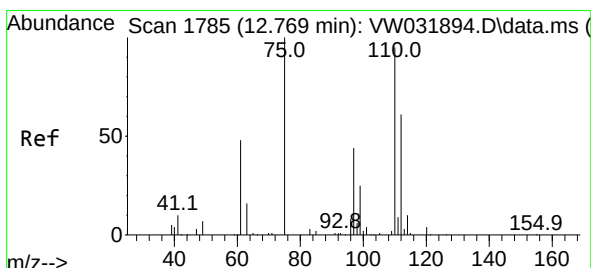
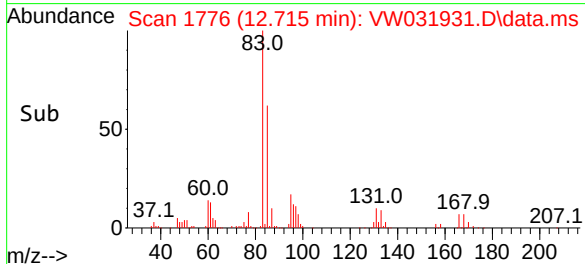
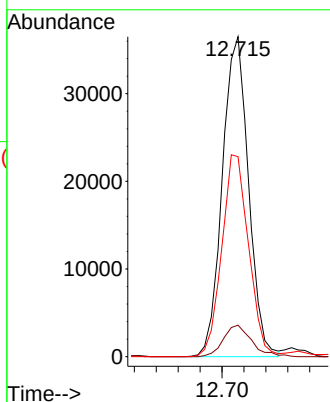
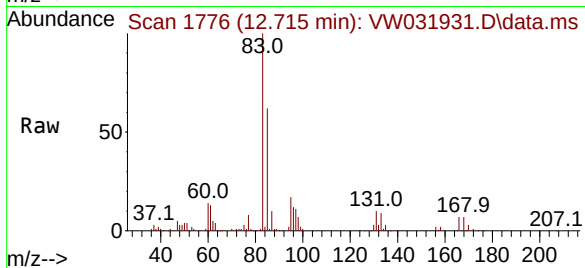
Tgt Ion: 83 Resp: 60481

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.181 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW031931.D

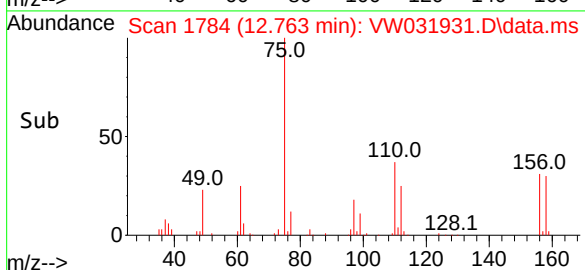
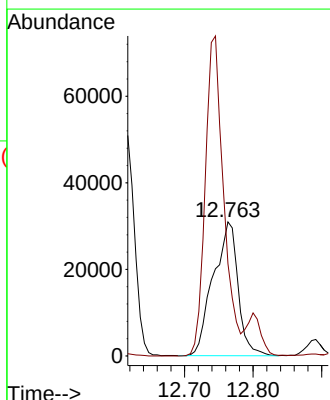
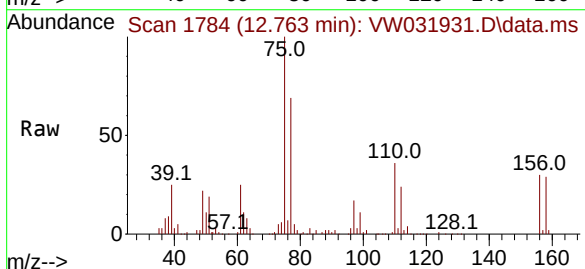
Acq: 25 Jul 2025 10:33

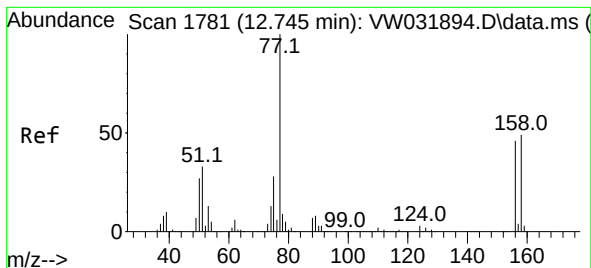
Tgt Ion: 75 Resp: 77611

Ion Ratio Lower Upper

75 100

77 178.0 0.0 0.0#





#77

Bromobenzene

Concen: 20.497 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

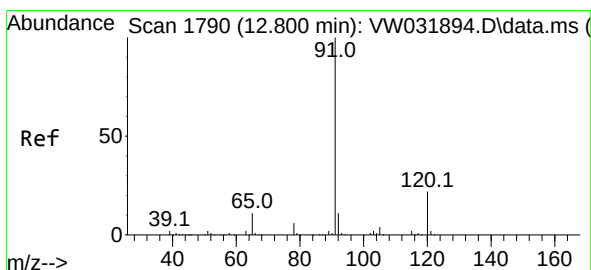
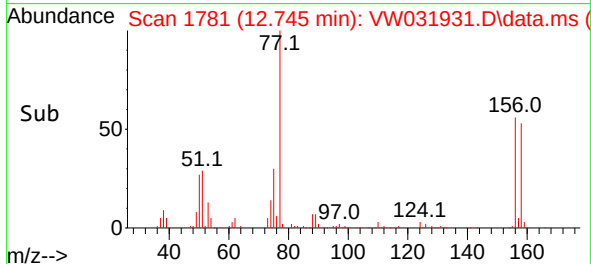
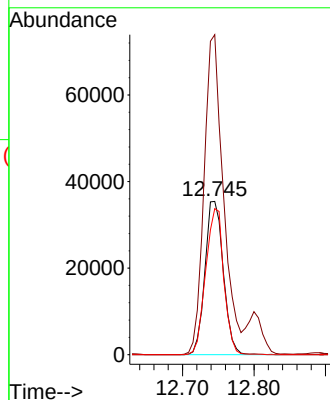
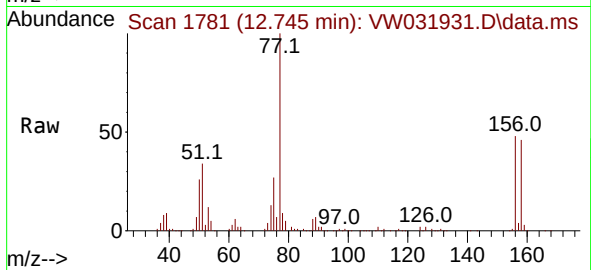
Tgt Ion:156 Resp: 63284

Ion Ratio Lower Upper

156 100

77 218.3 115.3 345.8

158 93.9 50.1 150.3



#78

n-propylbenzene

Concen: 19.777 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031931.D

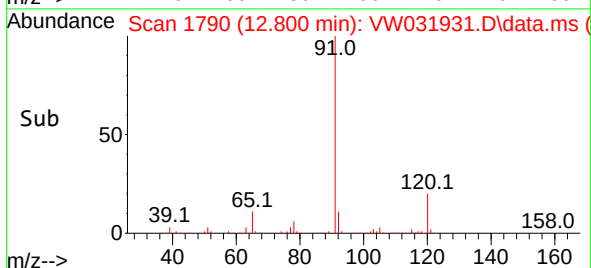
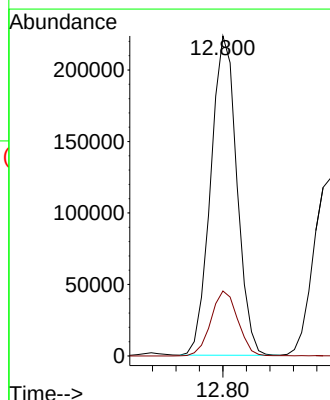
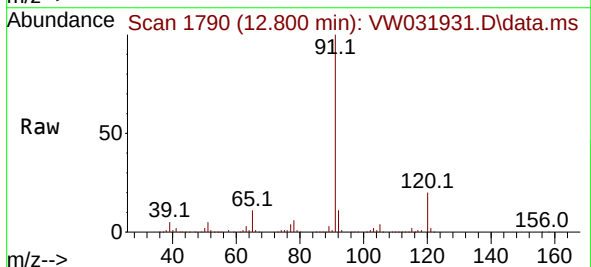
Acq: 25 Jul 2025 10:33

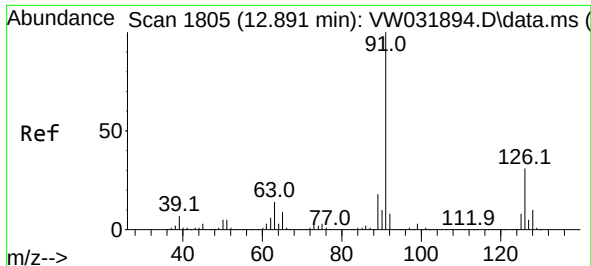
Tgt Ion: 91 Resp: 346594

Ion Ratio Lower Upper

91 100

120 20.9 10.9 32.6

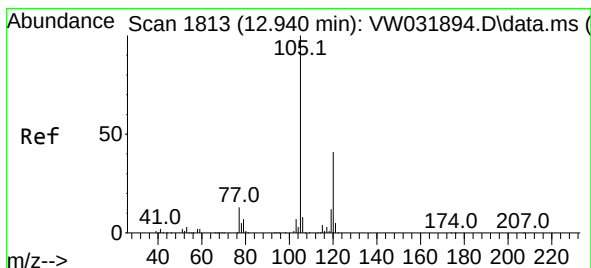
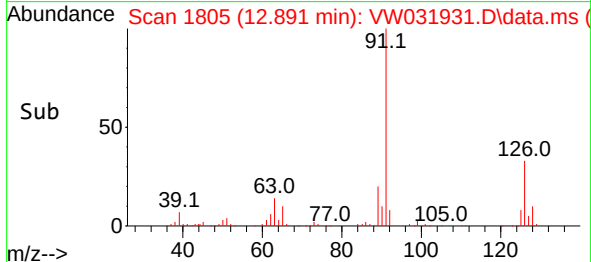
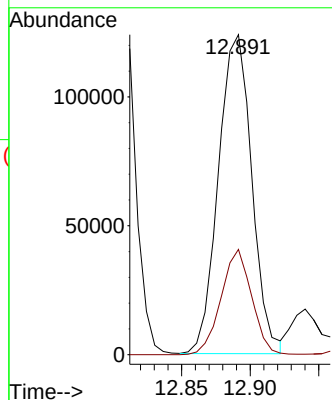
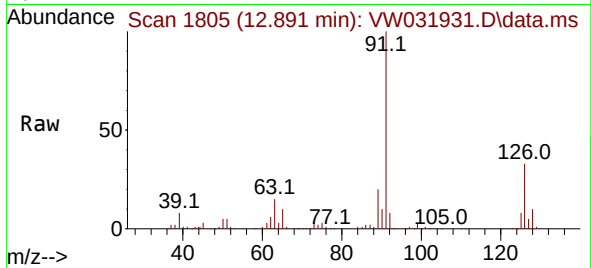




#79
2-Chlorotoluene
Concen: 20.039 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

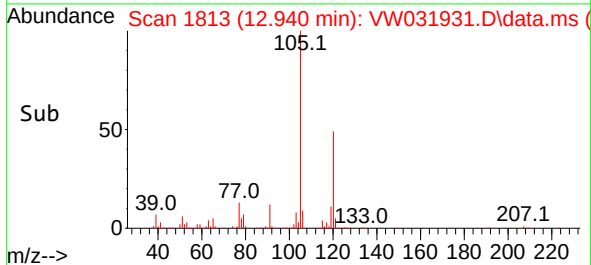
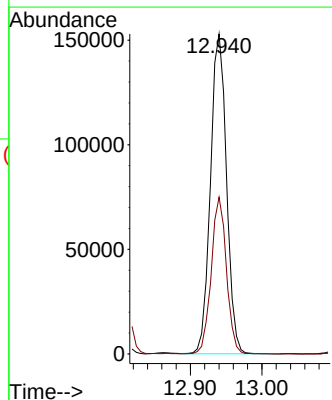
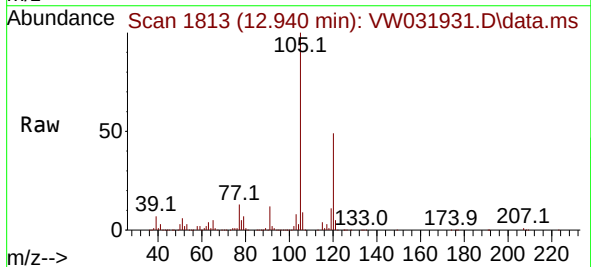
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

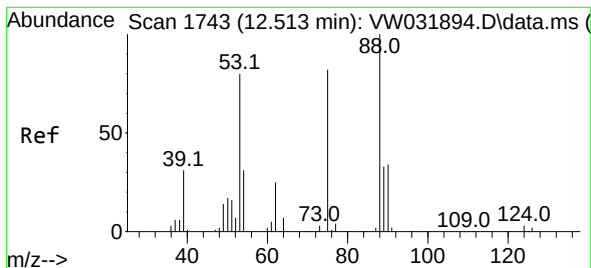
Tgt Ion: 91 Resp: 209679
Ion Ratio Lower Upper
91 100
126 30.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 19.880 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 105 Resp: 237916
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.5

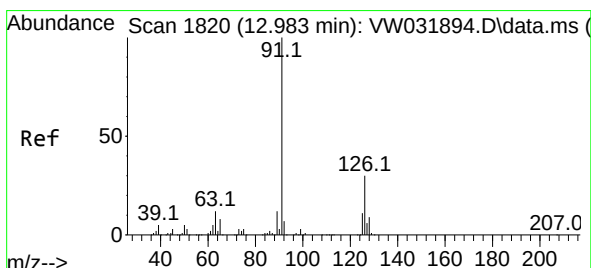
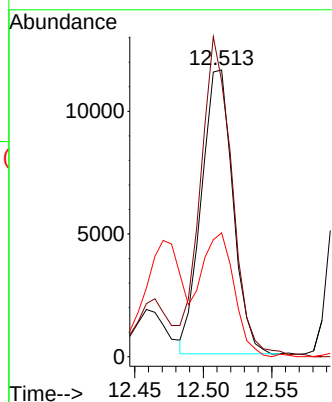
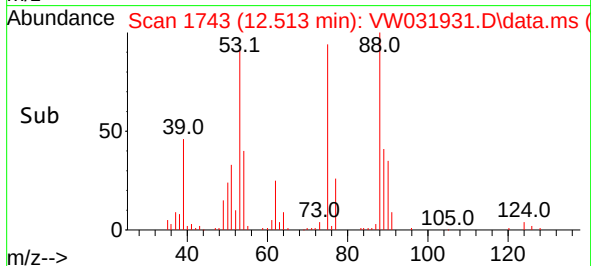
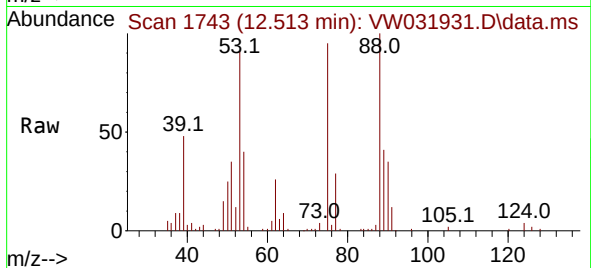




#81
trans-1,4-Dichloro-2-butene
Concen: 18.843 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

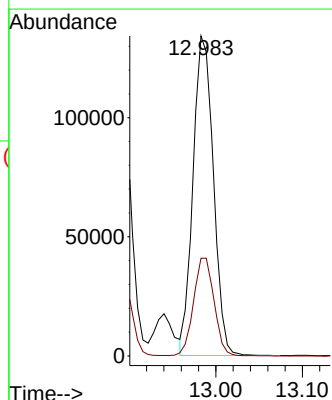
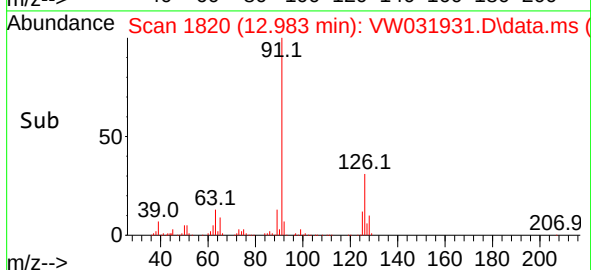
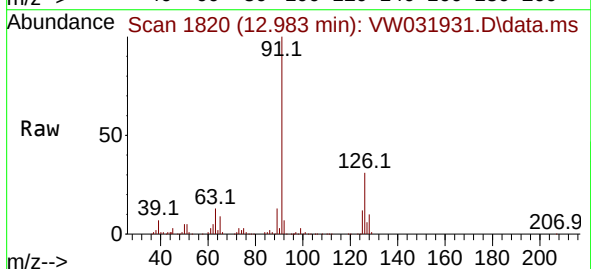
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

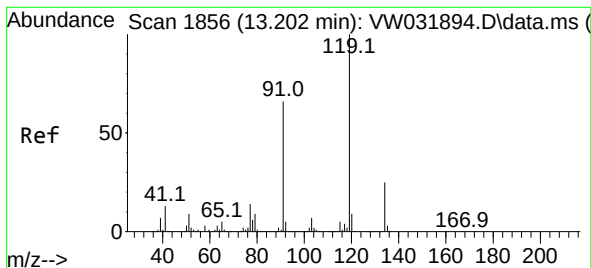
Tgt Ion: 75 Resp: 18532
Ion Ratio Lower Upper
75 100
53 112.5 83.7 125.5
89 46.1 39.0 58.6



#82
4-Chlorotoluene
Concen: 19.906 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 91 Resp: 218513
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.3

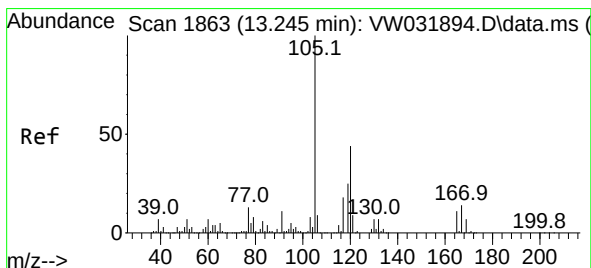
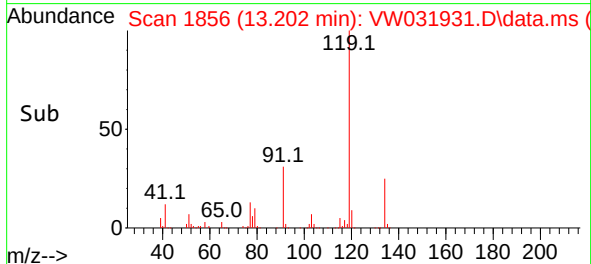
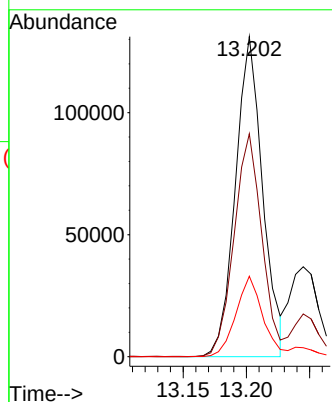
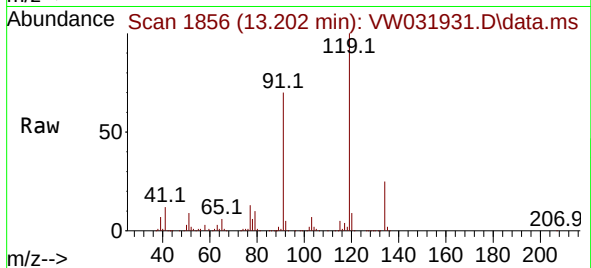




#83
tert-Butylbenzene
Concen: 19.295 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

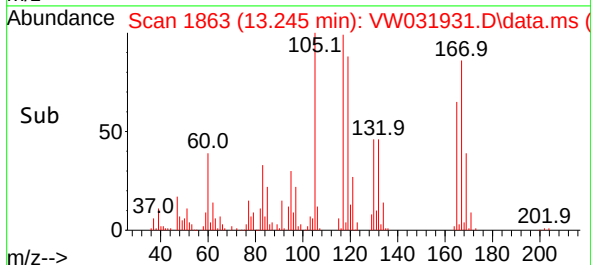
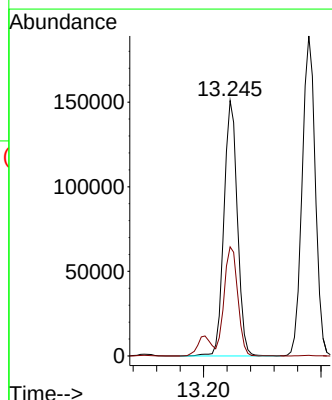
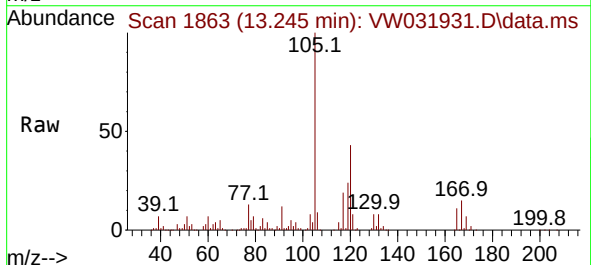
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

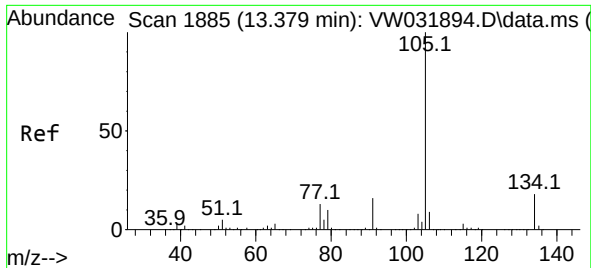
Tgt Ion:119 Resp: 196688
Ion Ratio Lower Upper
119 100
91 70.7 35.5 106.5
134 24.9 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 19.818 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:105 Resp: 240052
Ion Ratio Lower Upper
105 100
120 43.0 21.3 63.9

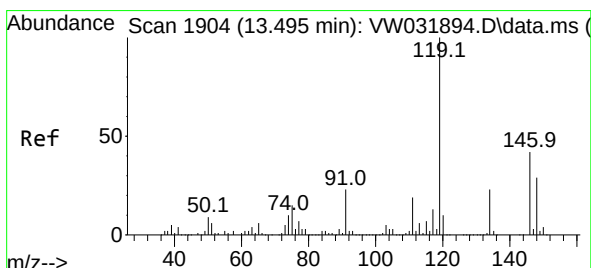
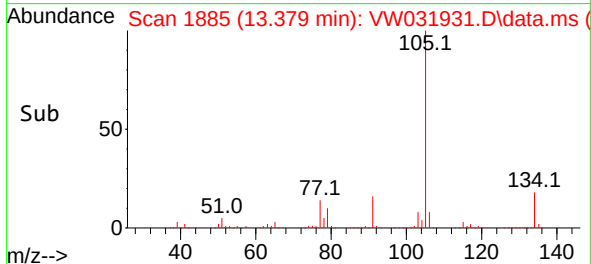
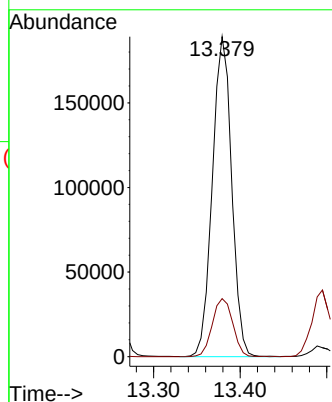
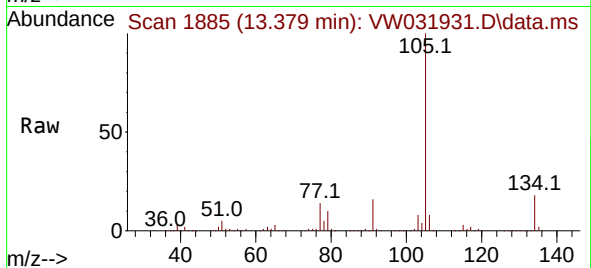




#85
 sec-Butylbenzene
 Concen: 19.133 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

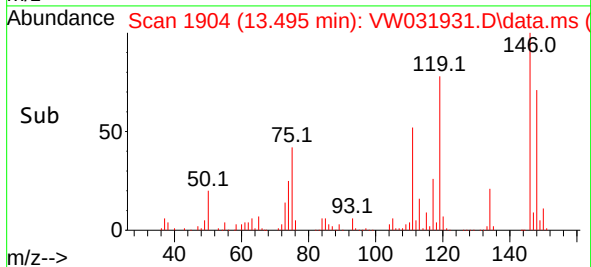
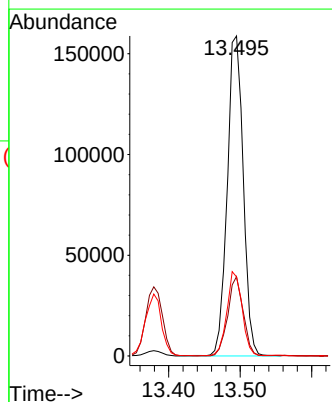
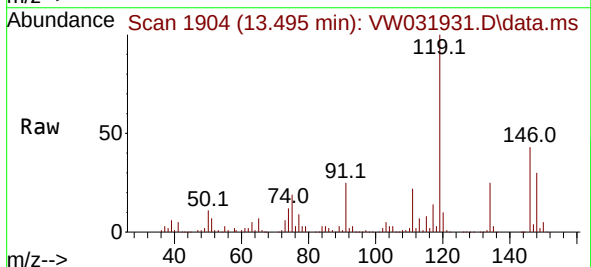
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

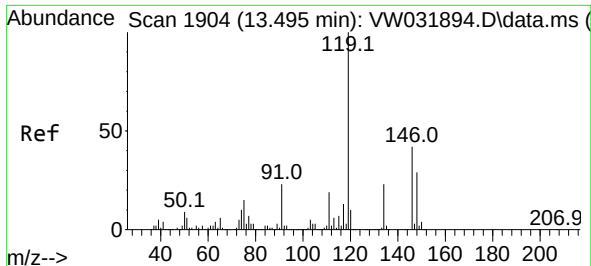
Tgt Ion:105 Resp: 292901
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 19.501 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031931.D
 Acq: 25 Jul 2025 10:33

Tgt Ion:119 Resp: 246753
 Ion Ratio Lower Upper
 119 100
 134 23.8 13.0 39.0
 91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.931 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

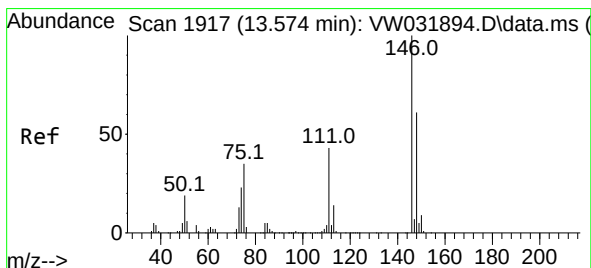
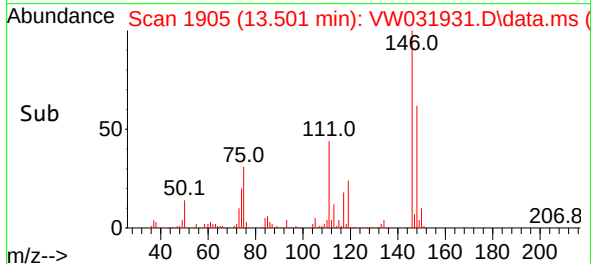
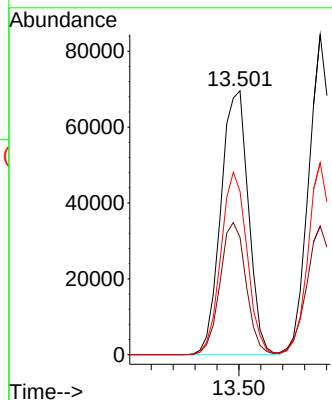
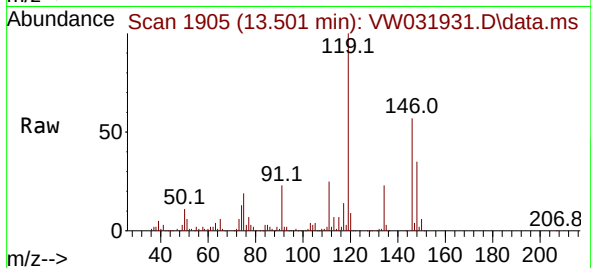
Tgt Ion:146 Resp: 121663

Ion Ratio Lower Upper

146 100

111 47.1 21.9 65.7

148 65.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.604 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

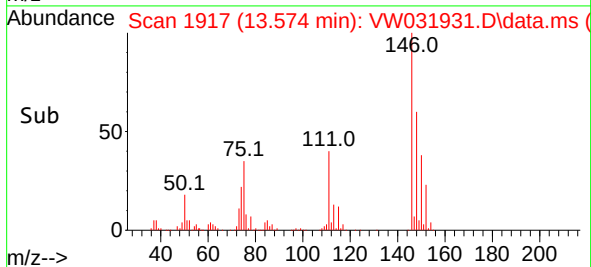
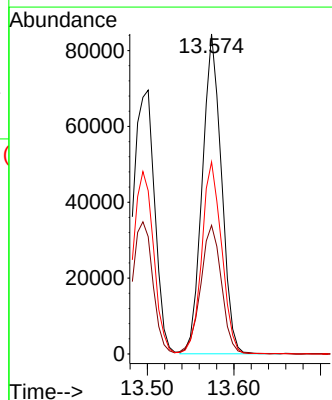
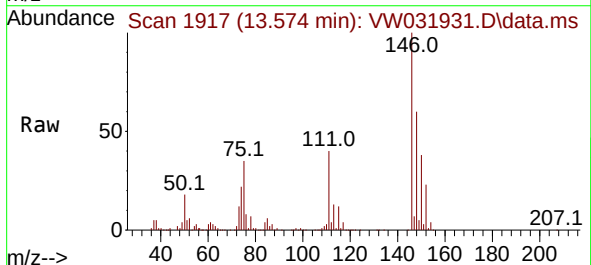
Tgt Ion:146 Resp: 129720

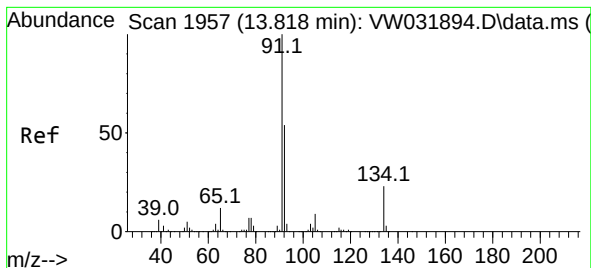
Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.3

148 62.3 31.8 95.3





#89

n-Butylbenzene

Concen: 19.483 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031931.D

Acq: 25 Jul 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

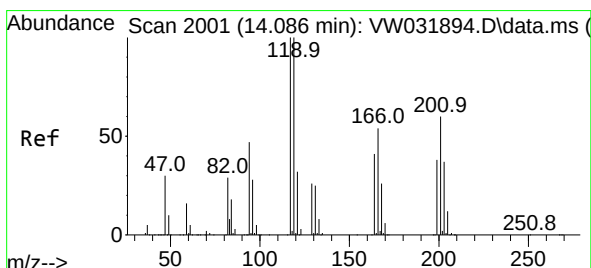
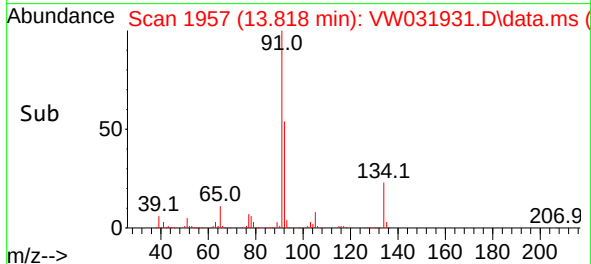
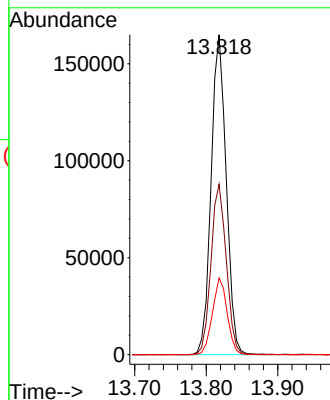
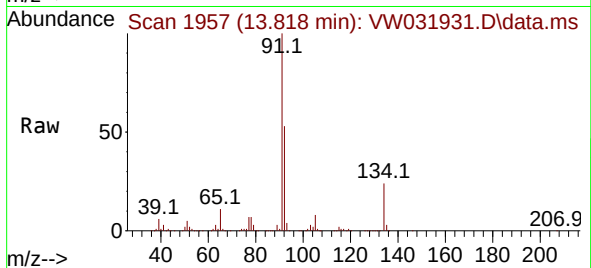
Tgt Ion: 91 Resp: 241836

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 23.4 11.6 34.7



#90

Hexachloroethane

Concen: 18.842 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031931.D

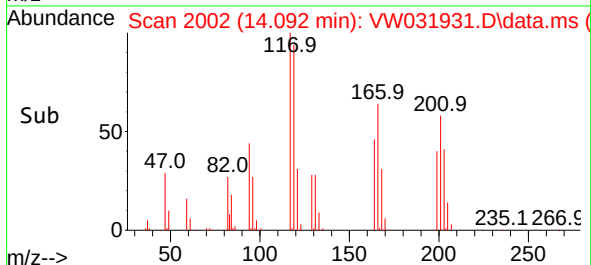
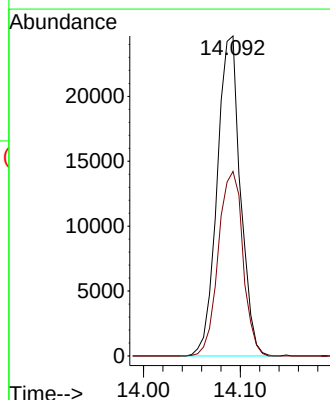
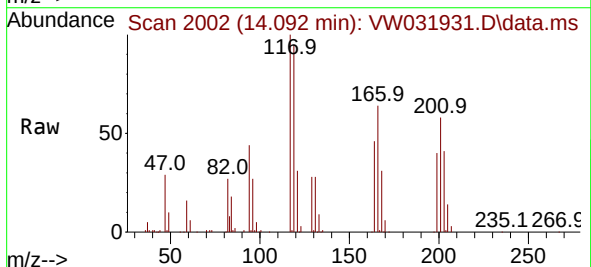
Acq: 25 Jul 2025 10:33

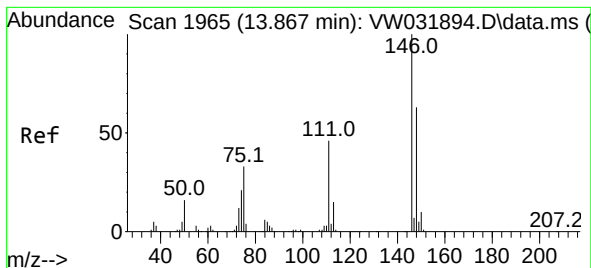
Tgt Ion: 117 Resp: 41227

Ion Ratio Lower Upper

117 100

201 60.6 28.4 85.2

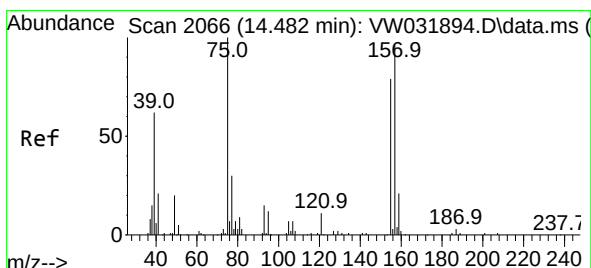
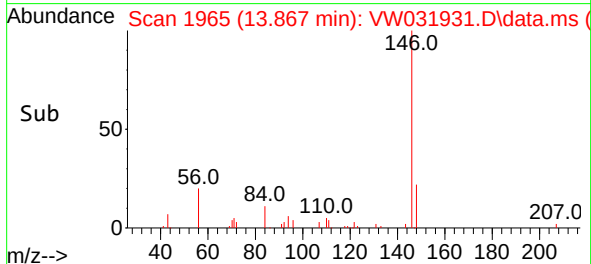
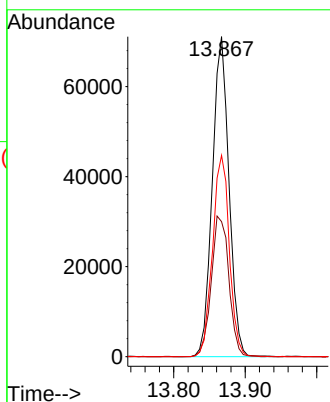
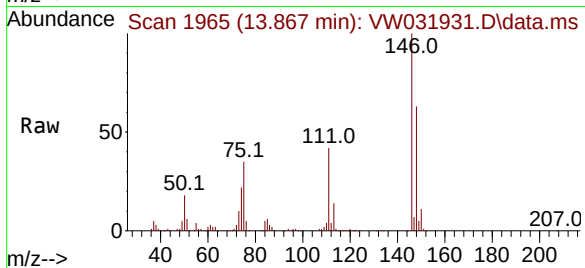




#91
1,2-Dichlorobenzene
Concen: 20.164 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

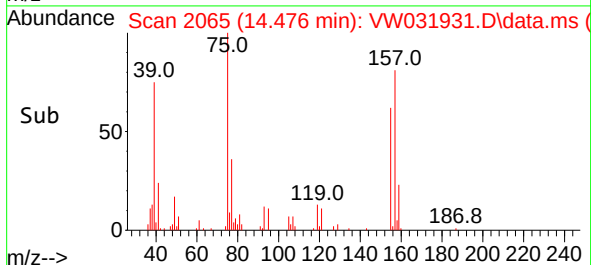
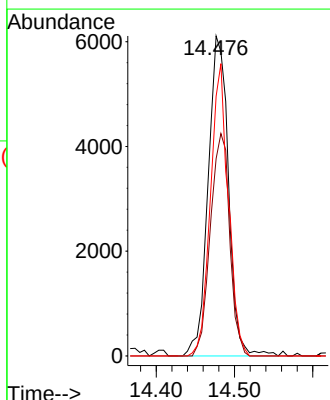
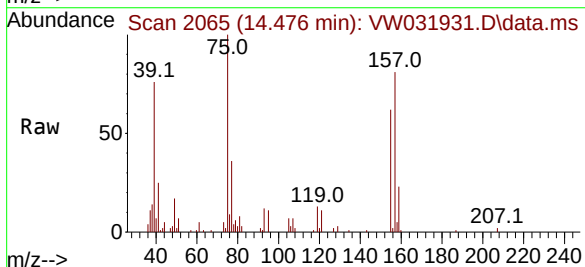
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

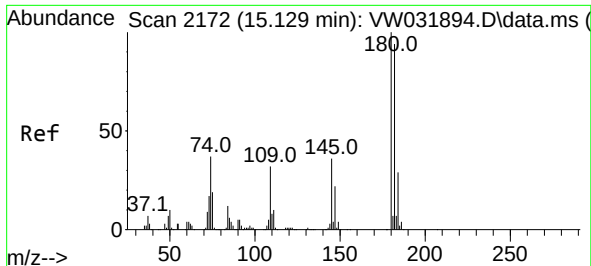
Tgt Ion:146 Resp: 114846
Ion Ratio Lower Upper
146 100
111 46.5 23.6 71.0
148 63.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.098 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion: 75 Resp: 10998
Ion Ratio Lower Upper
75 100
155 66.2 35.9 107.7
157 80.2 47.4 142.2

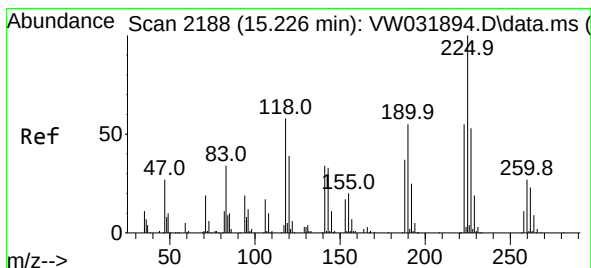
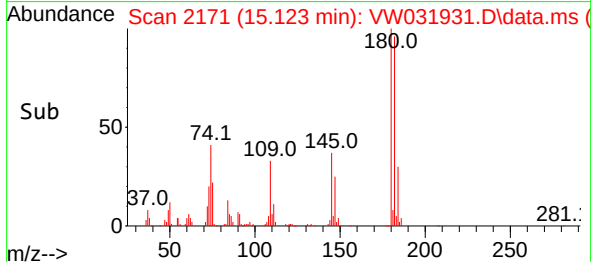
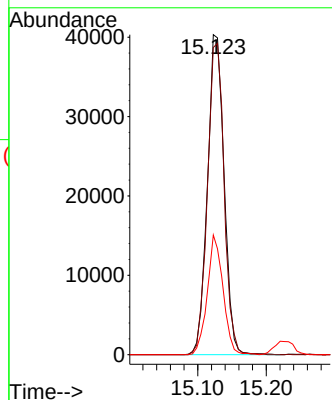
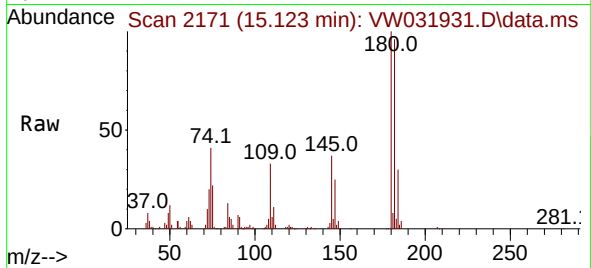




#93
1,2,4-Trichlorobenzene
Concen: 19.863 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

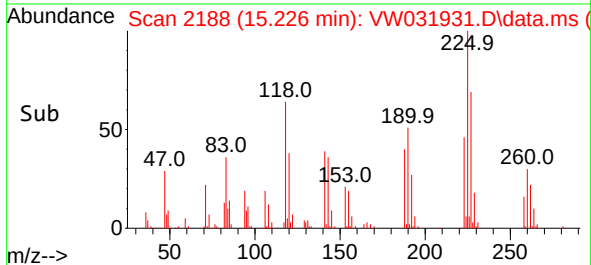
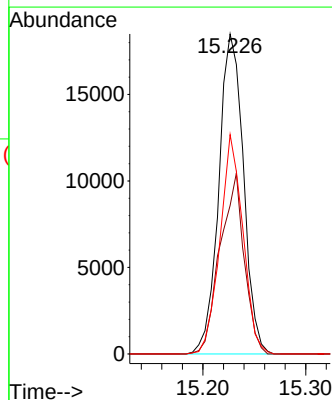
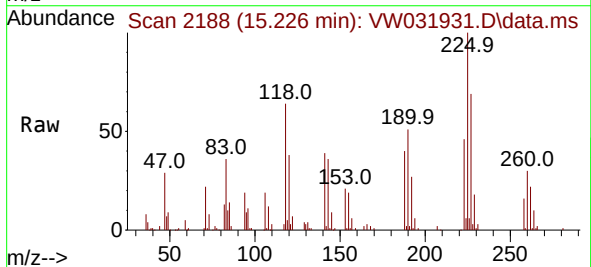
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

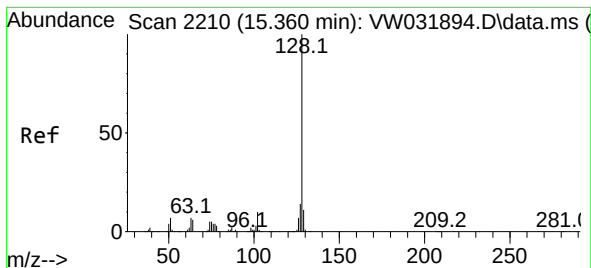
Tgt Ion:180 Resp: 68227
Ion Ratio Lower Upper
180 100
182 97.3 51.0 153.1
145 35.4 18.4 55.4



#94
Hexachlorobutadiene
Concen: 18.884 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:225 Resp: 30736
Ion Ratio Lower Upper
225 100
223 55.4 30.9 92.7
227 63.9 30.0 90.1

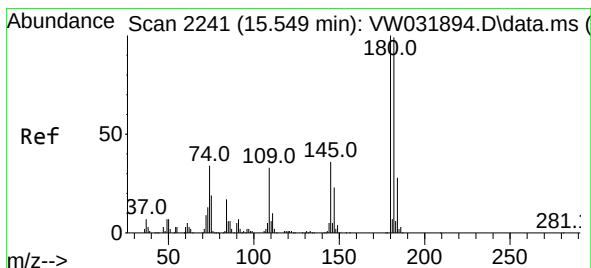
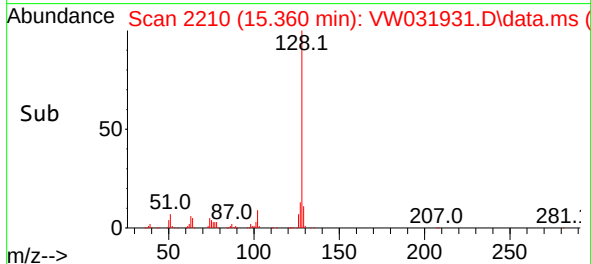
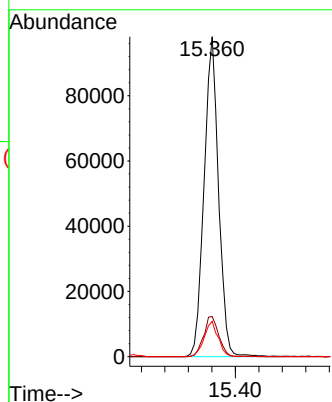
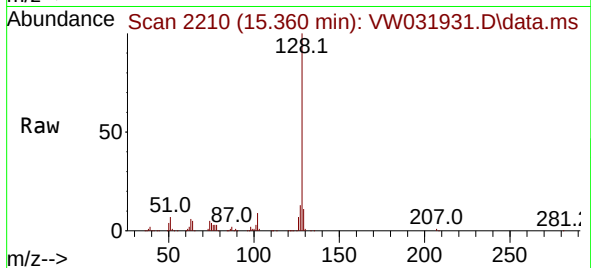




#95
Naphthalene
Concen: 19.851 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tgt Ion:128 Resp: 167635
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.7 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 20.319 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031931.D
Acq: 25 Jul 2025 10:33

Tgt Ion:180 Resp: 63236
Ion Ratio Lower Upper
180 100
182 95.0 50.4 151.2
145 37.4 18.6 55.8

