

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031752.D
 Acq On : 02 Jul 2025 11:38
 Operator : SY/MD
 Sample : VW0702SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

Quant Time: Jul 03 06:10:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	219771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	161398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158527	50.263	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.520%	
35) Dibromofluoromethane	7.904	113	128341	49.646	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.300%	
50) Toluene-d8	10.325	98	487688	50.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.617	95	182529	51.558	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	30441	20.338	ug/l	96
3) Chloromethane	2.253	50	35798	19.839	ug/l	100
4) Vinyl Chloride	2.405	62	48179	20.314	ug/l	97
5) Bromomethane	2.826	94	37297	20.133	ug/l	99
6) Chloroethane	2.972	64	32389	20.104	ug/l	95
7) Trichlorofluoromethane	3.302	101	46951	21.798	ug/l	98
8) Diethyl Ether	3.722	74	33365	20.385	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	48953	20.476	ug/l	99
10) Methyl Iodide	4.307	142	76183	20.670	ug/l	99
11) Tert butyl alcohol	5.222	59	19108	97.791	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54262	20.721	ug/l	97
13) Acrolein	3.930	56	36170	102.992	ug/l	97
14) Allyl chloride	4.704	41	82724	20.589	ug/l	98
15) Acrylonitrile	5.405	53	80070	99.482	ug/l	97
16) Acetone	4.161	43	74514	95.584	ug/l	98
17) Carbon Disulfide	4.417	76	141799	20.235	ug/l	96
18) Methyl Acetate	4.710	43	43283	19.427	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	91826	20.659	ug/l	98
20) Methylene Chloride	4.954	84	78573	22.546	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	57656	20.721	ug/l	98
22) Diisopropyl ether	6.344	45	164799	21.031	ug/l	98
23) Vinyl Acetate	6.283	43	547648	102.318	ug/l	99
24) 1,1-Dichloroethane	6.240	63	104188	20.508	ug/l	99
25) 2-Butanone	7.197	43	105838	104.357	ug/l	97
26) 2,2-Dichloropropane	7.185	77	61911	20.887	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	65949	20.619	ug/l	99
28) Bromochloromethane	7.533	49	45905	20.476	ug/l	100
29) Tetrahydrofuran	7.551	42	70234	101.122	ug/l	99
30) Chloroform	7.691	83	110314	20.435	ug/l	99
31) Cyclohexane	7.965	56	92820	20.669	ug/l	# 93
32) 1,1,1-Trichloroethane	7.886	97	85925	20.654	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77608	20.746	ug/l	100
37) Ethyl Acetate	7.276	43	46512	19.710	ug/l	99
38) Carbon Tetrachloride	8.081	117	78255	20.529	ug/l	96
39) Methylcyclohexane	9.343	83	97616	20.974	ug/l	94
40) Benzene	8.337	78	229703	20.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27095	21.434	ug/l	96
42) 1,2-Dichloroethane	8.410	62	78653	21.032	ug/l	99
43) Isopropyl Acetate	8.435	43	81846	20.121	ug/l	99
44) Trichloroethene	9.099	130	57864	20.947	ug/l	94
45) 1,2-Dichloropropane	9.374	63	54612	20.417	ug/l	99
46) Dibromomethane	9.465	93	35952	20.819	ug/l	99
47) Bromodichloromethane	9.654	83	81766	20.191	ug/l	98
48) Methyl methacrylate	9.441	41	39491	19.744	ug/l	100
49) 1,4-Dioxane	9.471	88	7236	357.762	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	235711	100.792	ug/l	100
52) Toluene	10.392	92	151954	21.444	ug/l	94
53) t-1,3-Dichloropropene	10.611	75	75619	19.902	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	87867	20.400	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	47047	20.798	ug/l	97
56) Ethyl methacrylate	10.648	69	62597	20.397	ug/l	99
57) 1,3-Dichloropropane	10.934	76	80846	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	173662	102.764	ug/l	98
59) 2-Hexanone	10.971	43	162455	102.513	ug/l	98
60) Dibromochloromethane	11.129	129	52579	19.437	ug/l	94
61) 1,2-Dibromoethane	11.233	107	46136	20.373	ug/l	99
64) Tetrachloroethene	10.861	164	47449	20.916	ug/l #	88
65) Chlorobenzene	11.660	112	161472	21.102	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	49733	20.396	ug/l	99
67) Ethyl Benzene	11.727	91	283495	21.366	ug/l	92
68) m/p-Xylenes	11.837	106	212556	41.672	ug/l	96
69) o-Xylene	12.166	106	98305	20.815	ug/l	99
70) Styrene	12.178	104	173085	21.200	ug/l	99
71) Bromoform	12.349	173	28769	19.777	ug/l #	98
73) Isopropylbenzene	12.465	105	263051	21.427	ug/l	99
74) N-amyl acetate	12.269	43	71369	21.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	57966	21.267	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	75266	36.086	ug/l	40
77) Bromobenzene	12.745	156	60618	22.138	ug/l	87
78) n-propylbenzene	12.800	91	323831	22.028	ug/l	99
79) 2-Chlorotoluene	12.891	91	196866	22.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	223986	22.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18142	20.260	ug/l	91
82) 4-Chlorotoluene	12.989	91	204321	21.984	ug/l	100
83) tert-Butylbenzene	13.202	119	191023	21.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	225958	21.945	ug/l	99
85) sec-Butylbenzene	13.379	105	294232	22.520	ug/l	100
86) p-Isopropyltoluene	13.495	119	241550	22.432	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	123681	22.523	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	119877	21.329	ug/l	95
89) n-Butylbenzene	13.818	91	231659	22.143	ug/l	97
90) Hexachloroethane	14.086	117	39995	20.588	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	108295	21.577	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11203	21.051	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	63704	20.581	ug/l	98
94) Hexachlorobutadiene	15.226	225	33011	22.086	ug/l	89
95) Naphthalene	15.360	128	161430	21.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	60392	21.234	ug/l	99

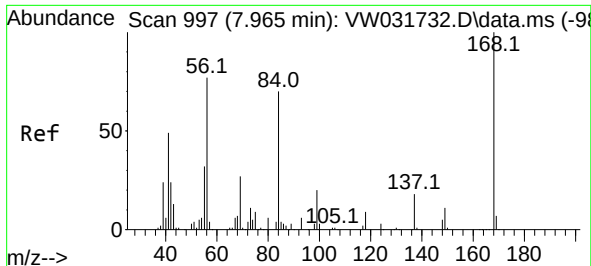
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Response via : Initial Calibration

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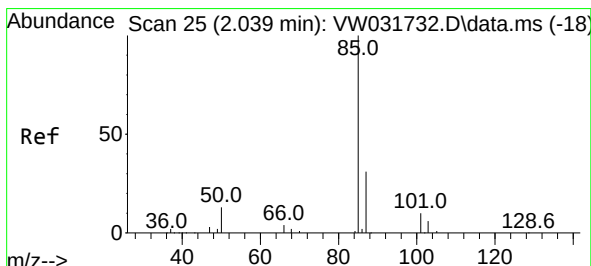
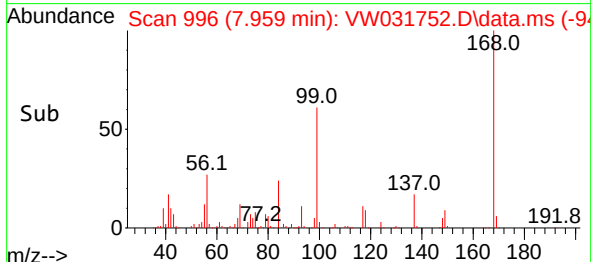
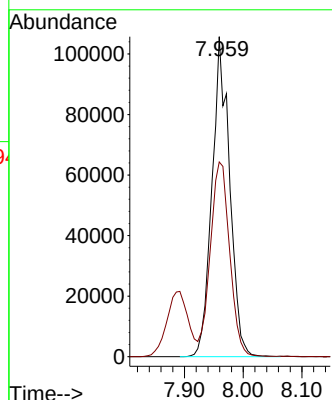
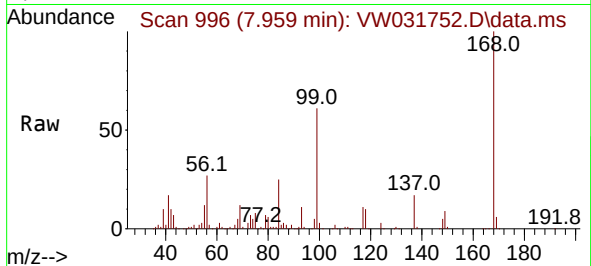
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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Acq: 02 Jul 2025 11:38

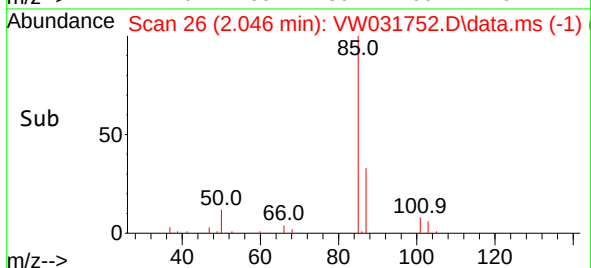
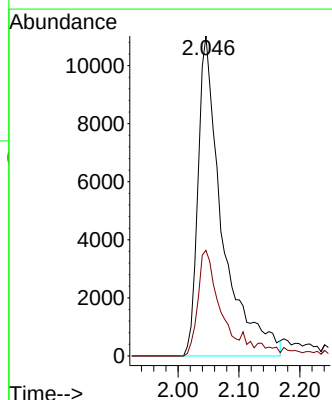
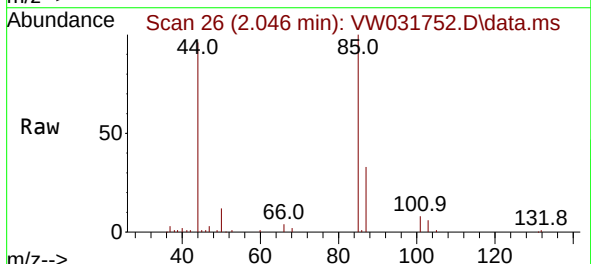
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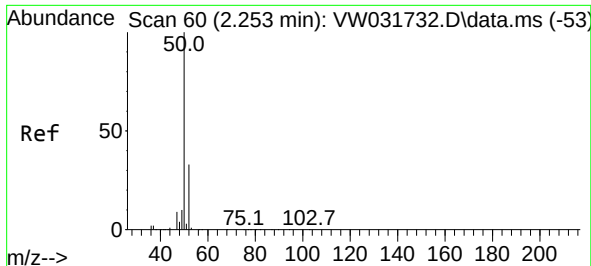
Tgt Ion:168 Resp: 219771
Ion Ratio Lower Upper
168 100
99 60.7 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 20.338 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 85 Resp: 30441
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.2

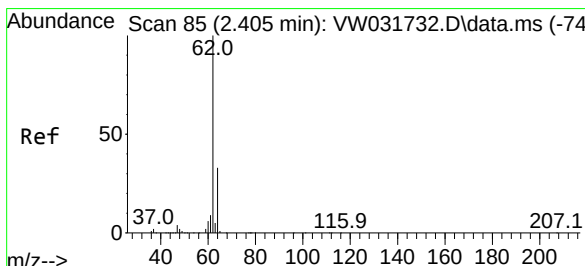
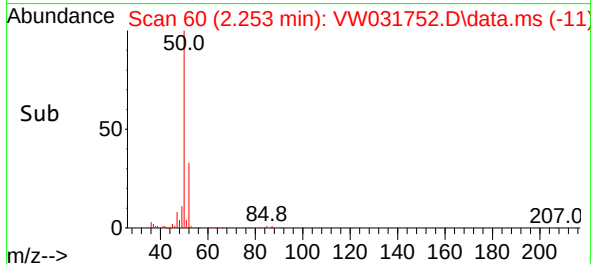
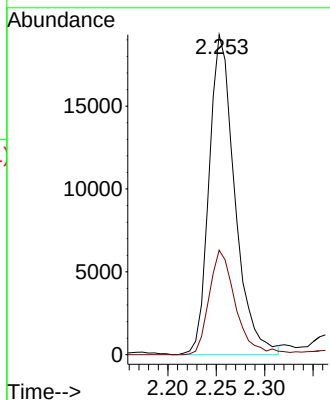
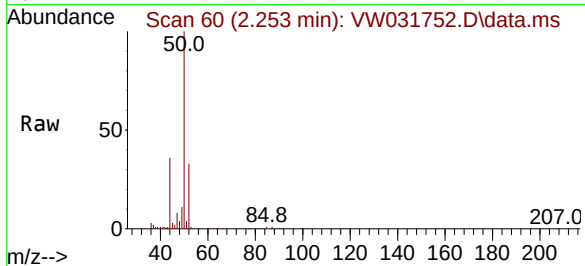




#3
Chloromethane
Concen: 19.839 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

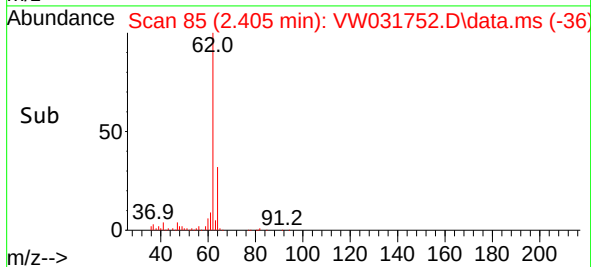
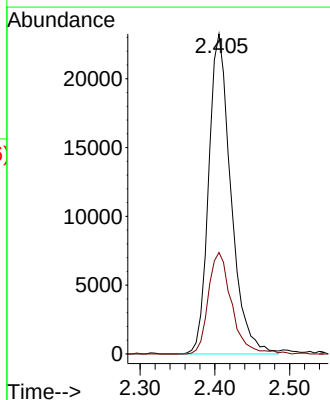
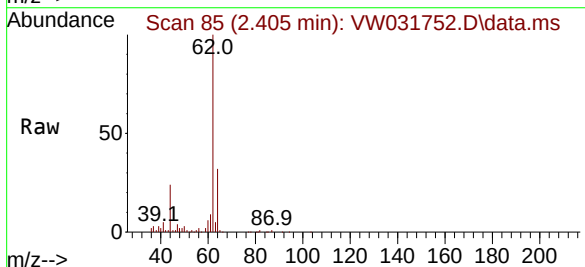
Instrument :
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ClientSampleId :
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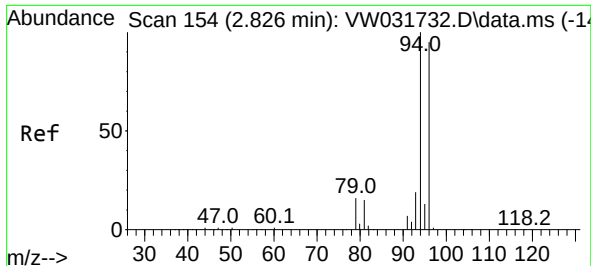
Tgt Ion: 50 Resp: 35798
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 20.314 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 62 Resp: 48179
Ion Ratio Lower Upper
62 100
64 31.7 26.8 40.2

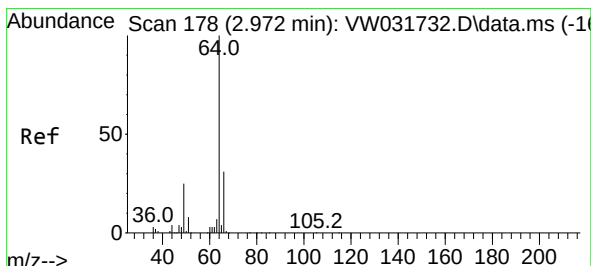
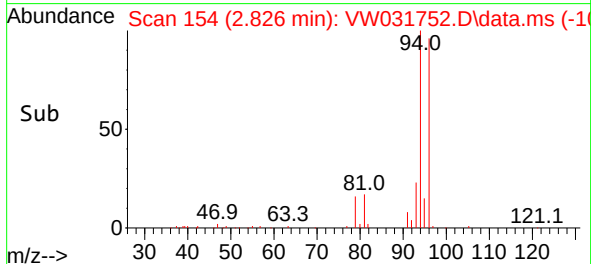
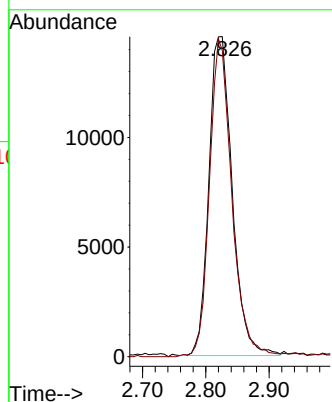
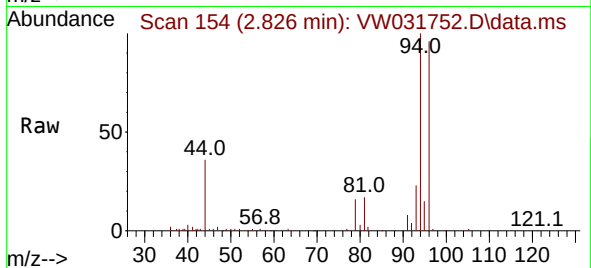




#5
Bromomethane
Concen: 20.133 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

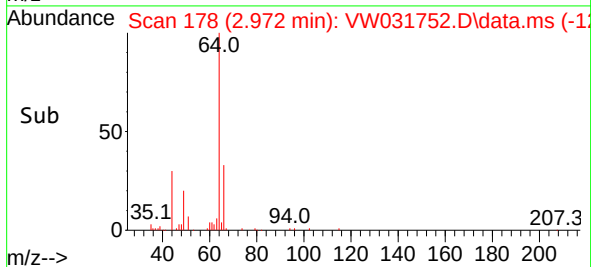
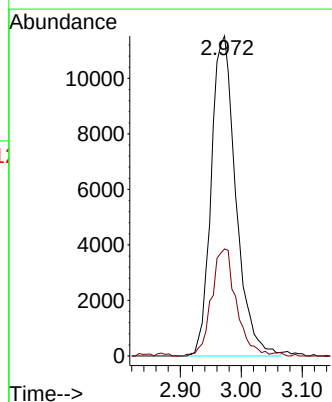
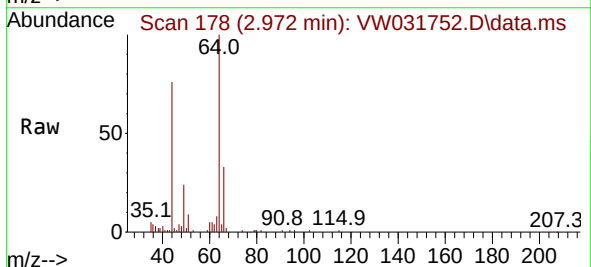
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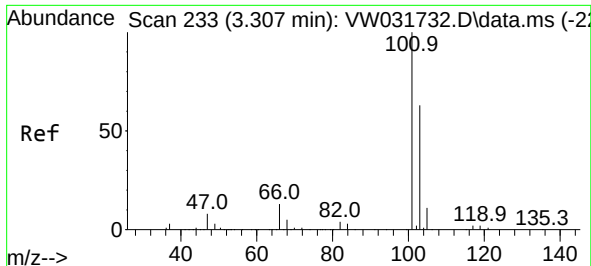
Tgt Ion: 94 Resp: 37297
Ion Ratio Lower Upper
94 100
96 95.7 75.6 113.4



#6
Chloroethane
Concen: 20.104 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 64 Resp: 32389
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

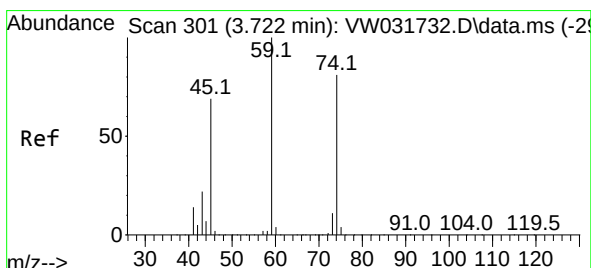
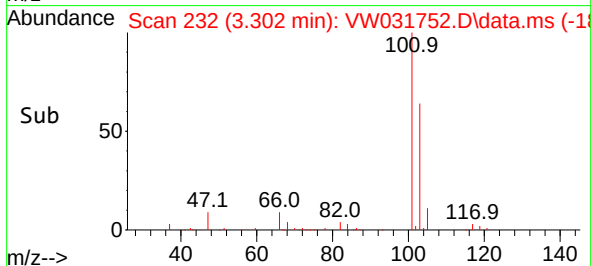
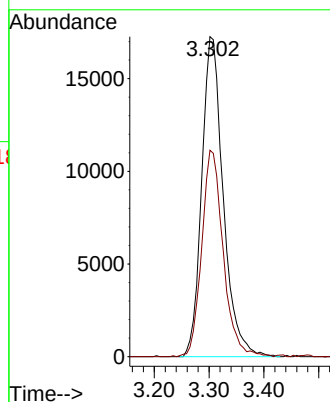
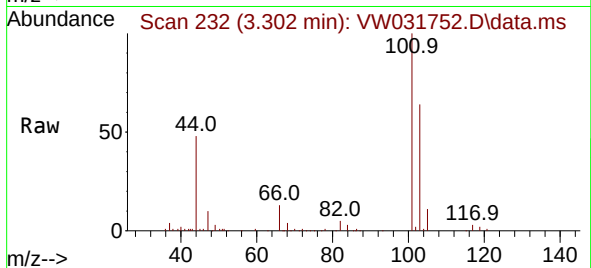




#7
 Trichlorofluoromethane
 Concen: 21.798 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

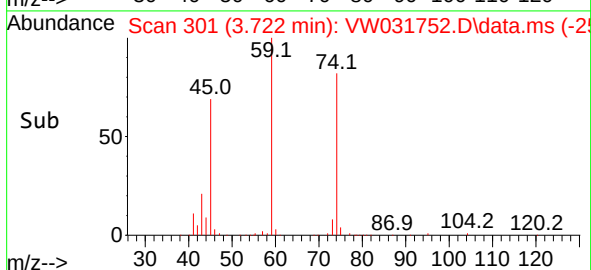
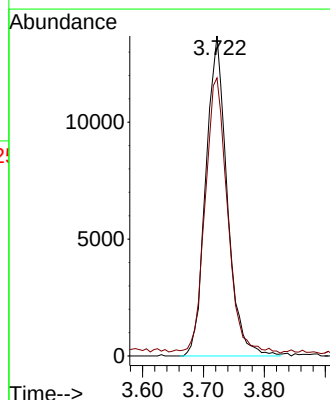
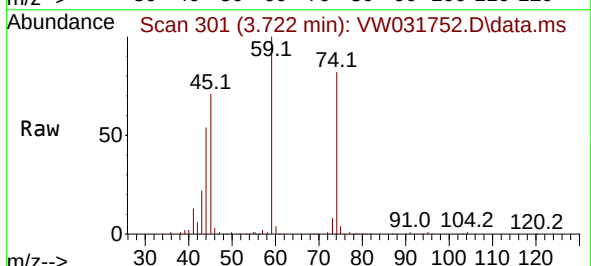
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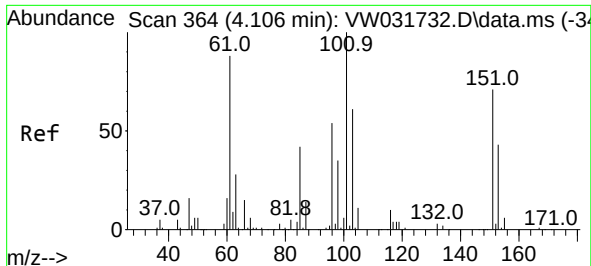
Tgt Ion:101 Resp: 46951
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 20.385 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion: 74 Resp: 33365
 Ion Ratio Lower Upper
 74 100
 45 90.2 43.9 131.7

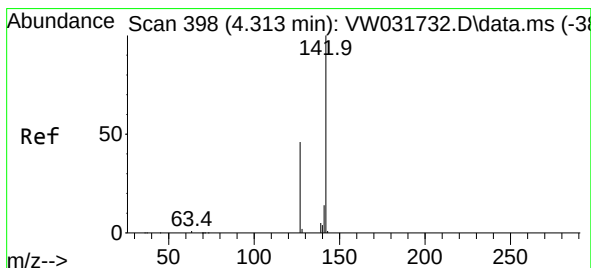
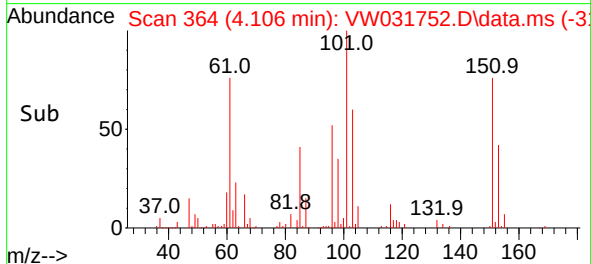
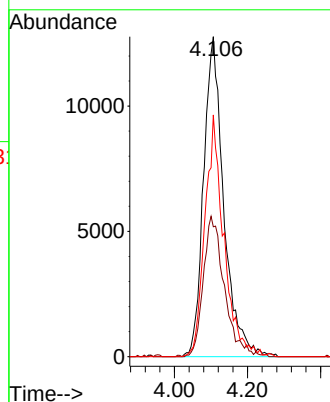
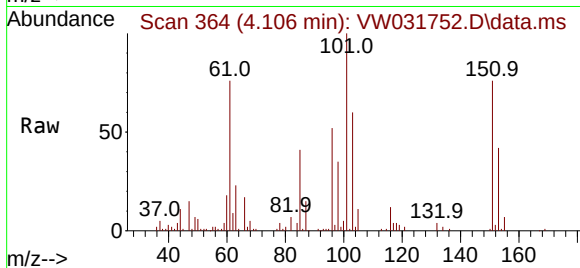




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.476 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW031752.D
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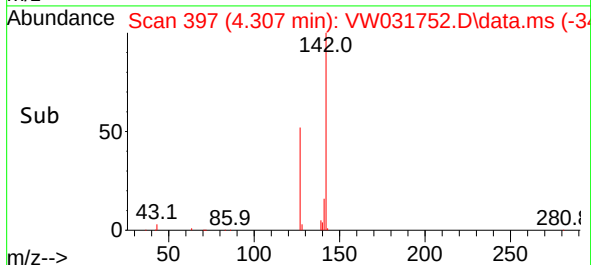
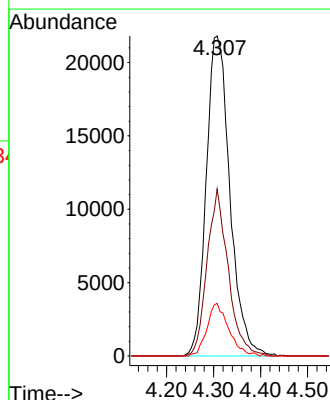
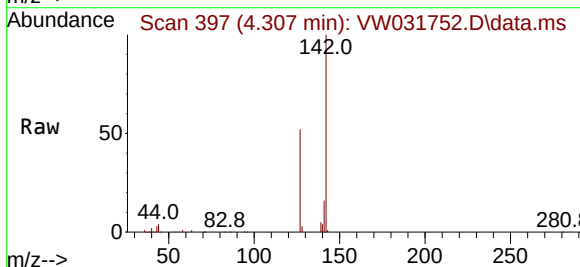
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBSD01

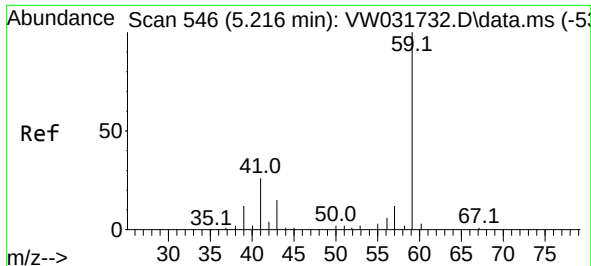
Tgt Ion:101 Resp: 48953
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.6 53.4
 151 70.9 56.8 85.2



#10
 Methyl Iodide
 Concen: 20.670 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion:142 Resp: 76183
 Ion Ratio Lower Upper
 142 100
 127 46.6 37.9 56.9
 141 15.1 11.7 17.5

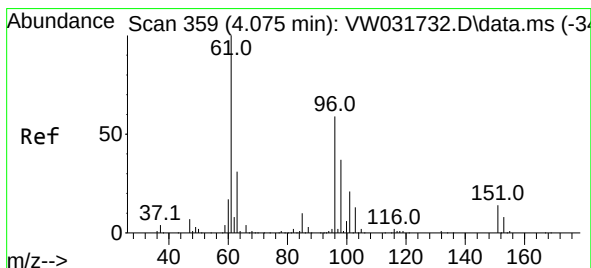
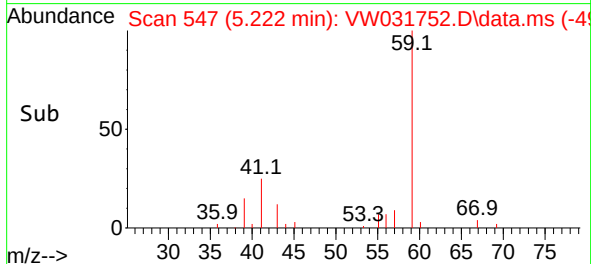
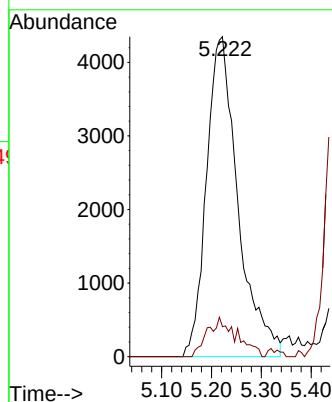
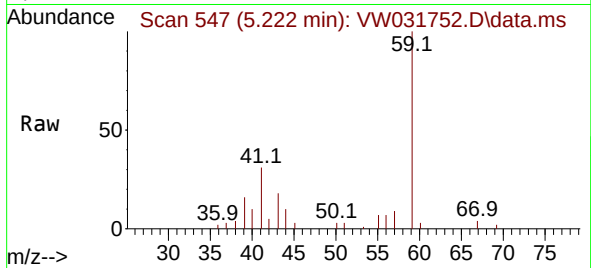




#11
Tert butyl alcohol
Concen: 97.791 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

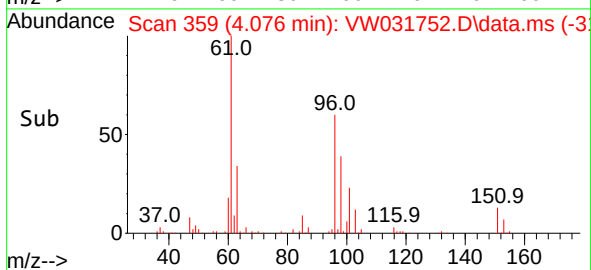
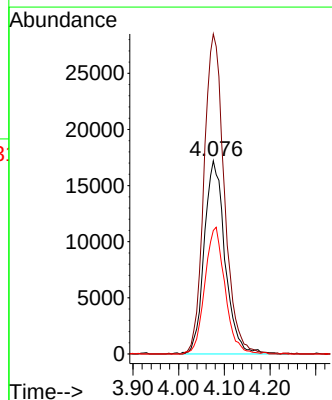
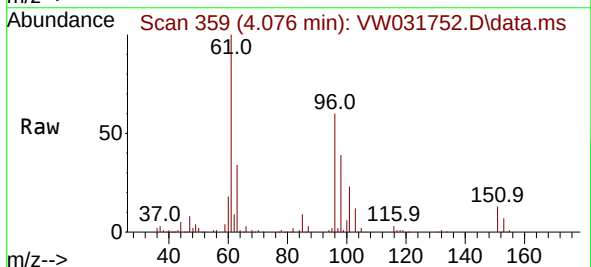
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

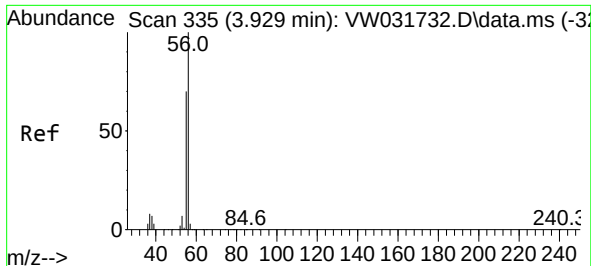
Tgt Ion: 59 Resp: 19108
Ion Ratio Lower Upper
59 100
57 11.5 9.5 14.3



#12
1,1-Dichloroethene
Concen: 20.721 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 96 Resp: 54262
Ion Ratio Lower Upper
96 100
61 165.7 135.8 203.8
98 64.0 50.4 75.6

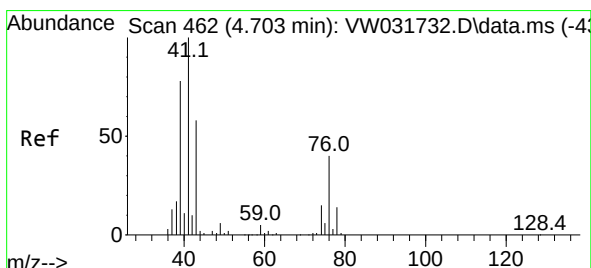
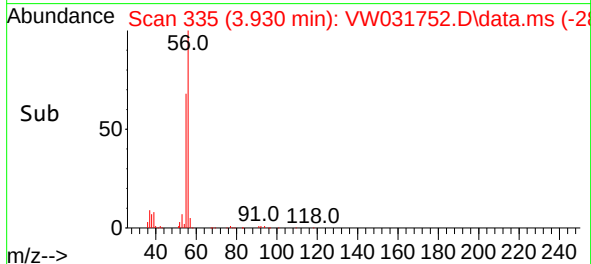
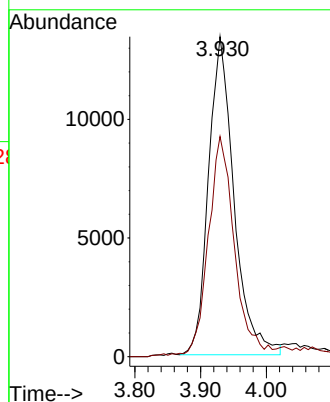
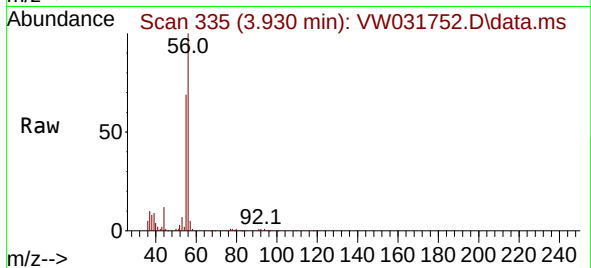




#13
Acrolein
Concen: 102.992 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

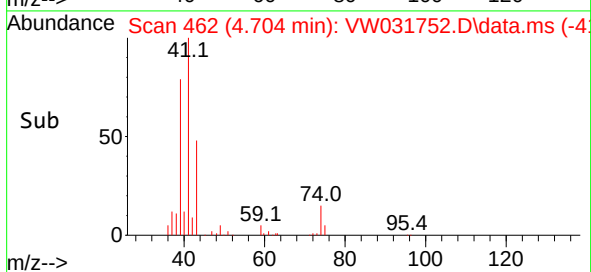
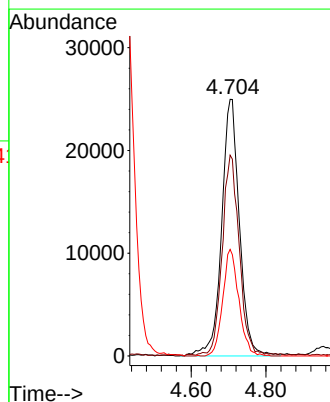
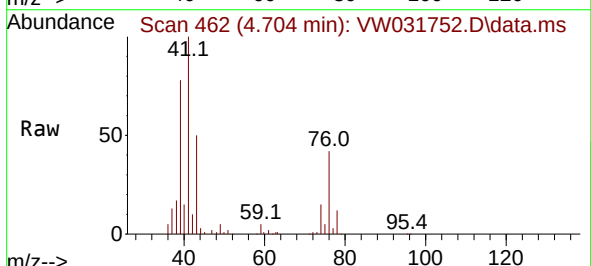
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

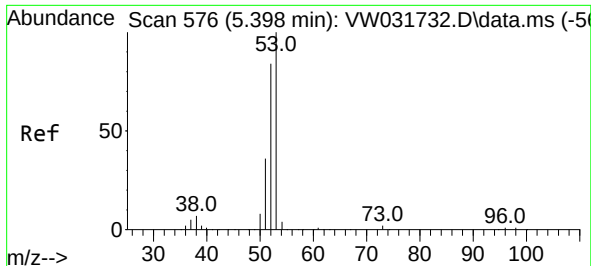
Tgt Ion: 56 Resp: 36170
Ion Ratio Lower Upper
56 100
55 69.9 54.0 81.0



#14
Allyl chloride
Concen: 20.589 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 41 Resp: 82724
Ion Ratio Lower Upper
41 100
39 74.2 60.7 91.1
76 37.5 30.3 45.5

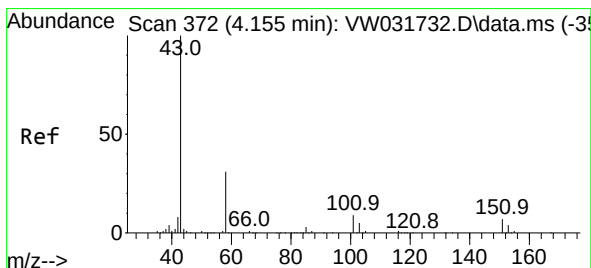
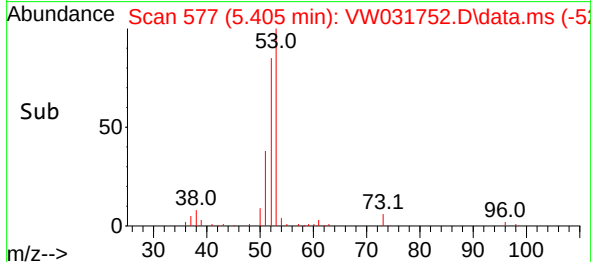
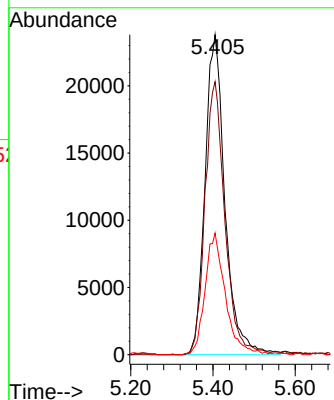
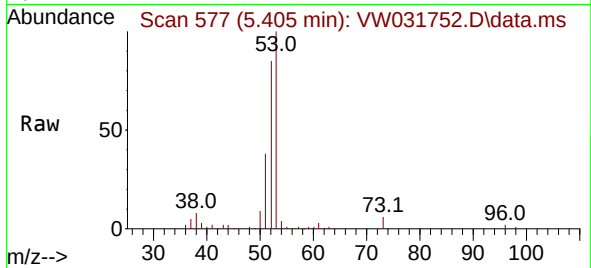




#15
Acrylonitrile
Concen: 99.482 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

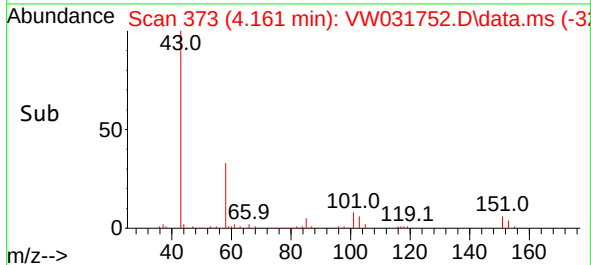
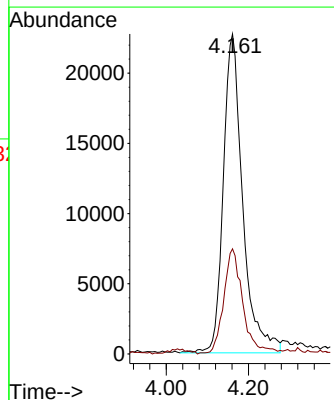
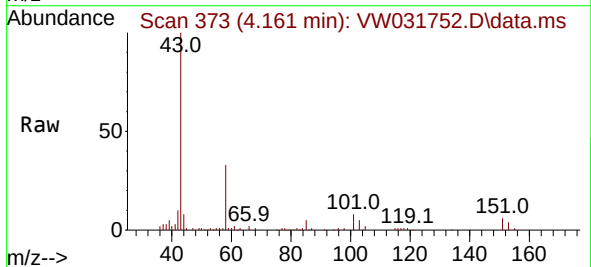
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

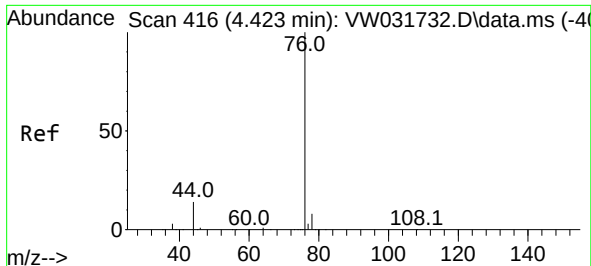
Tgt Ion: 53 Resp: 80070
Ion Ratio Lower Upper
53 100
52 85.4 66.4 99.6
51 38.8 29.9 44.9



#16
Acetone
Concen: 95.584 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 43 Resp: 74514
Ion Ratio Lower Upper
43 100
58 31.9 24.8 37.2

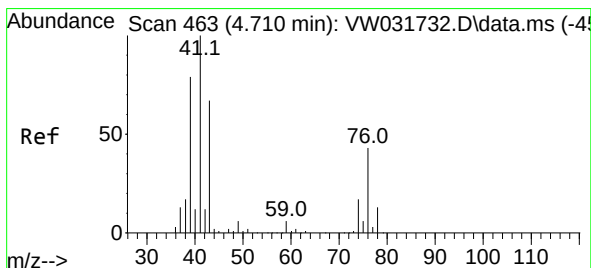
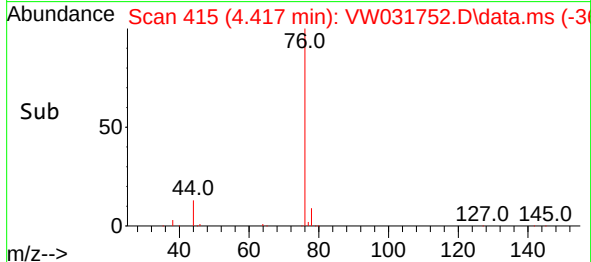
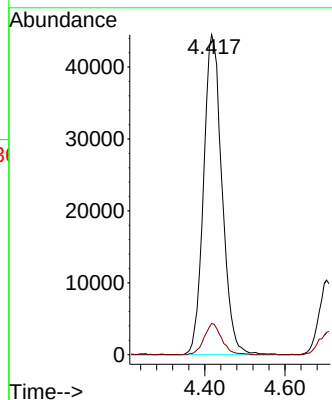
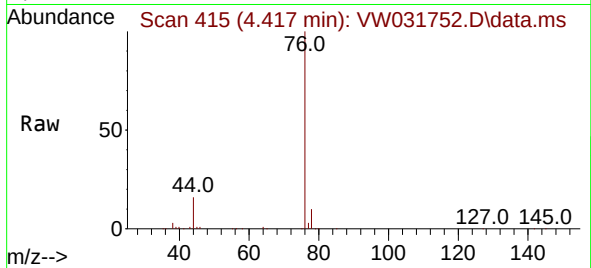




#17
Carbon Disulfide
Concen: 20.235 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

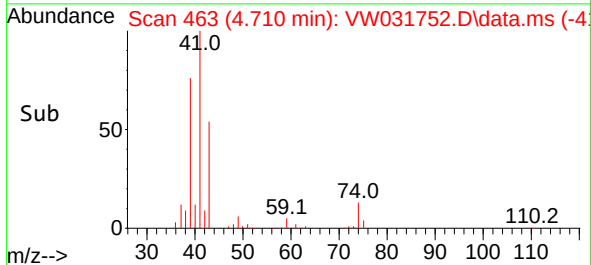
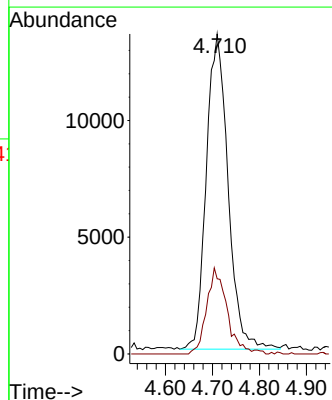
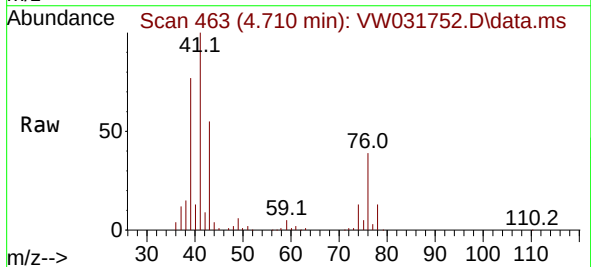
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

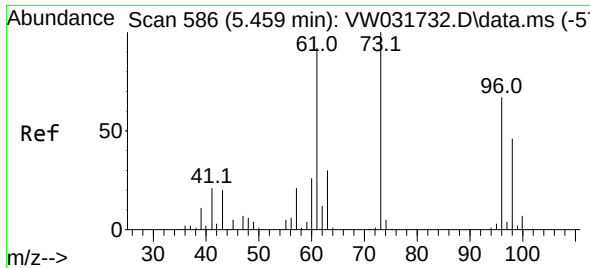
Tgt Ion: 76 Resp: 141799
Ion Ratio Lower Upper
76 100
78 9.8 6.6 10.0



#18
Methyl Acetate
Concen: 19.427 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 43 Resp: 43283
Ion Ratio Lower Upper
43 100
74 25.2 20.6 30.8

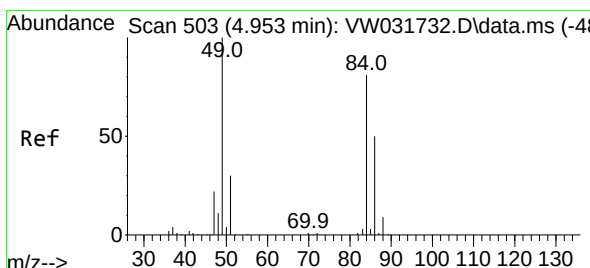
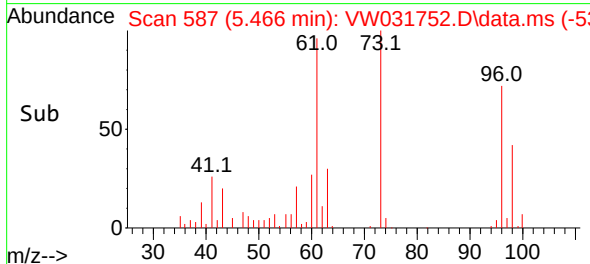
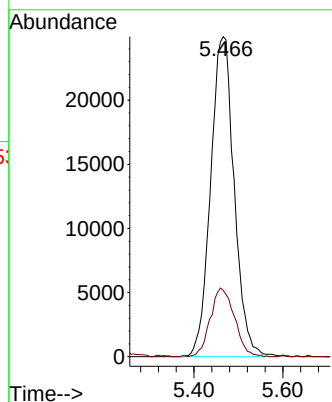
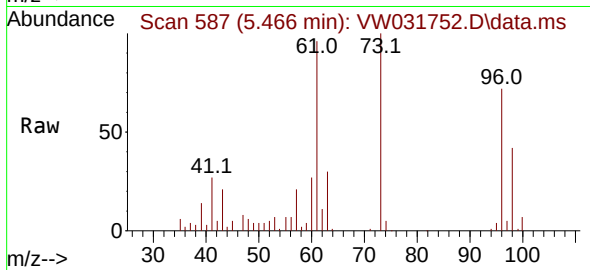




#19
Methyl tert-butyl Ether
Concen: 20.659 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

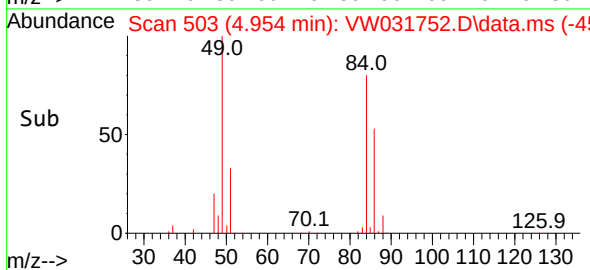
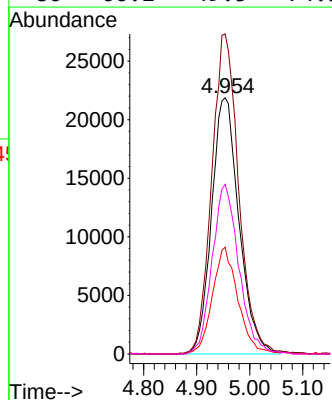
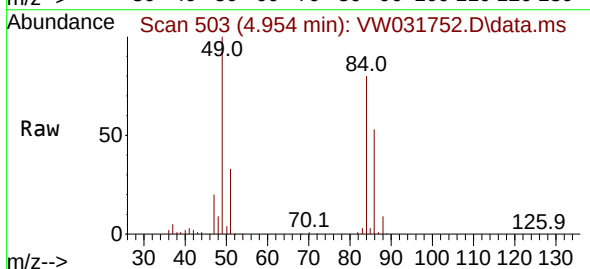
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

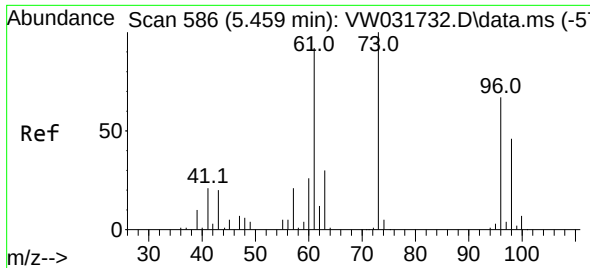
Tgt Ion: 73 Resp: 91826
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 22.546 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 84 Resp: 78573
Ion Ratio Lower Upper
84 100
49 124.6 98.2 147.4
51 41.7 29.8 44.8
86 66.2 49.5 74.3

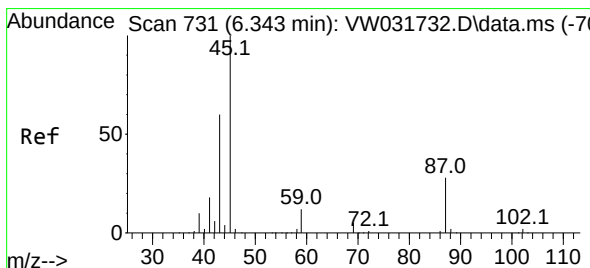
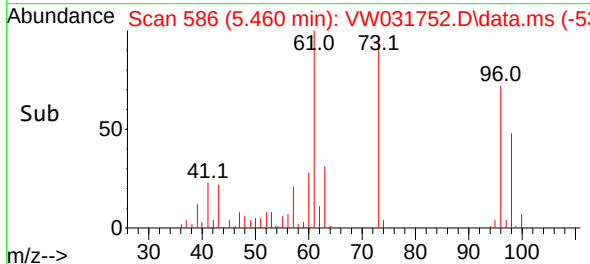
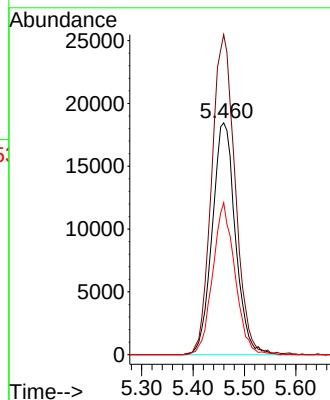
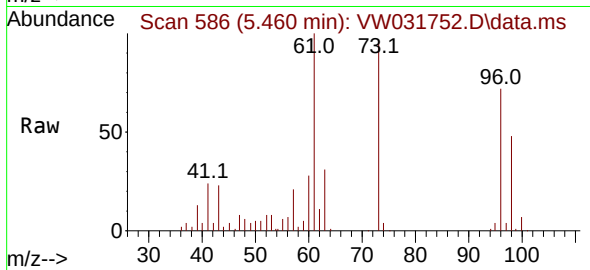




#21
trans-1,2-Dichloroethene
Concen: 20.721 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

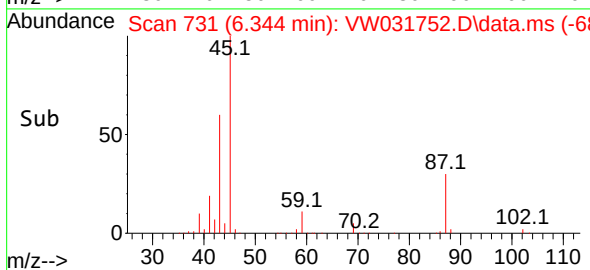
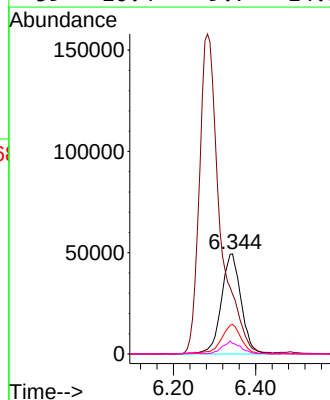
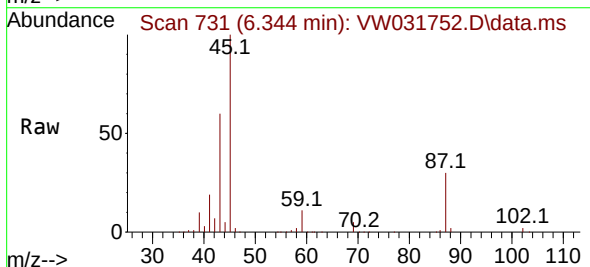
Instrument :
MSVOA_W
ClientSampleId :
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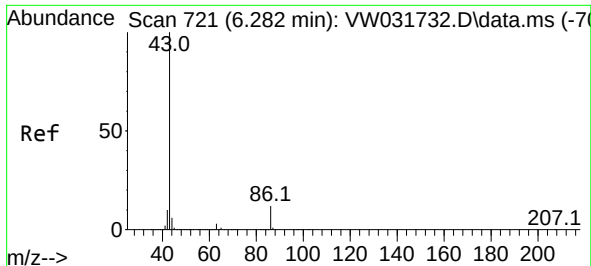
Tgt Ion: 96 Resp: 57656
Ion Ratio Lower Upper
96 100
61 138.0 109.8 164.6
98 65.6 54.9 82.3



#22
Diisopropyl ether
Concen: 21.031 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 45 Resp: 164799
Ion Ratio Lower Upper
45 100
43 59.8 48.3 72.5
87 29.4 22.6 34.0
59 10.4 9.7 14.5

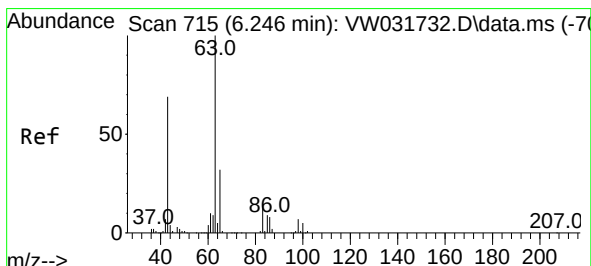
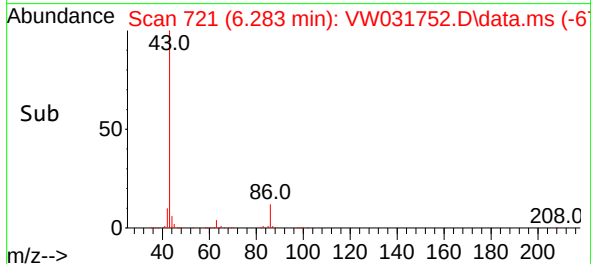
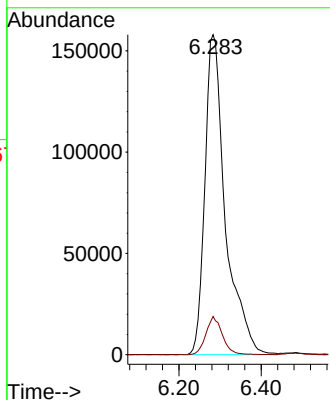
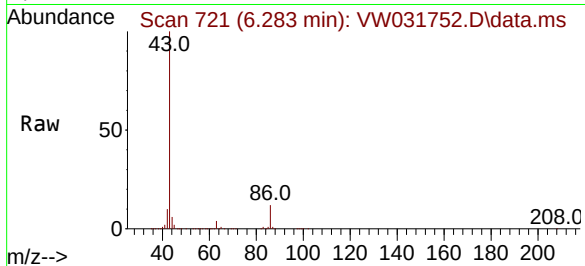




#23
 Vinyl Acetate
 Concen: 102.318 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

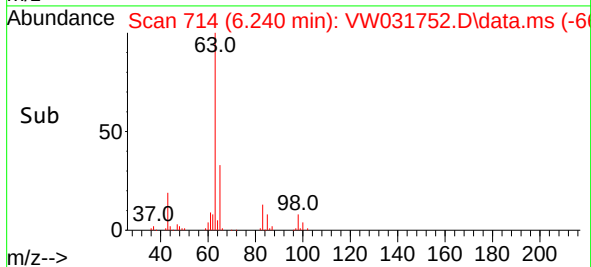
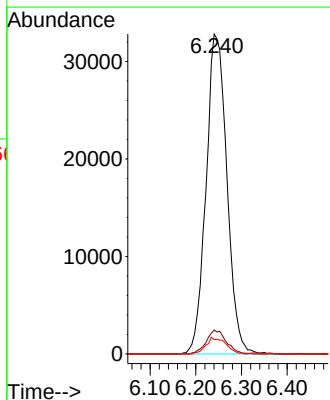
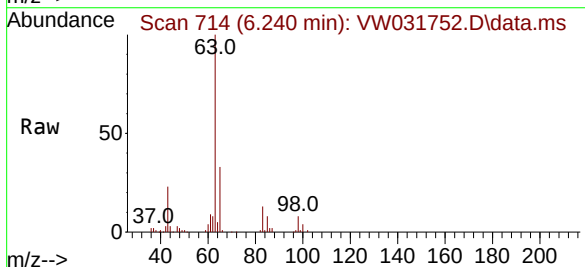
Instrument :
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 ClientSampleId :
 VW0702SBSD01

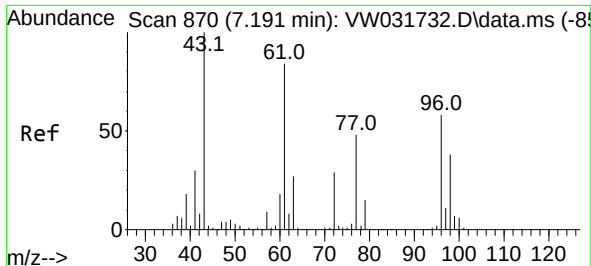
Tgt Ion: 43 Resp: 547648
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion: 63 Resp: 104188
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.5 2.5 7.5

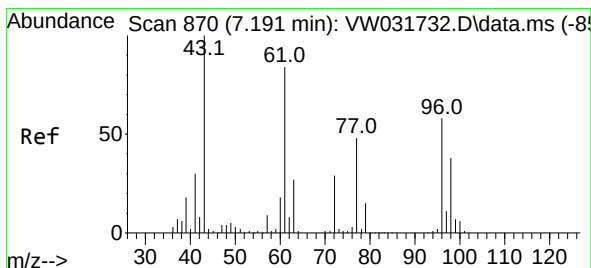
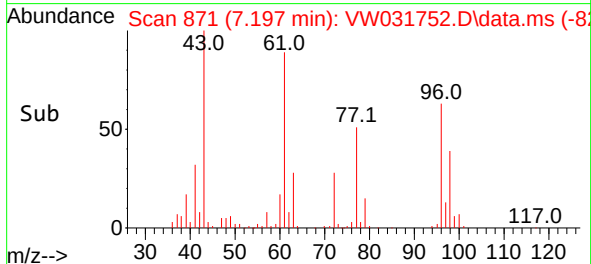
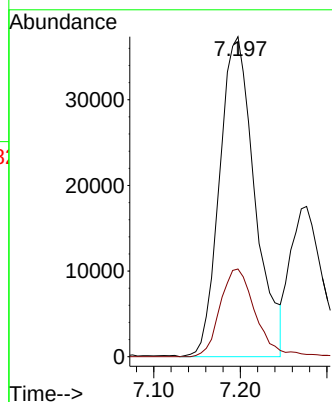
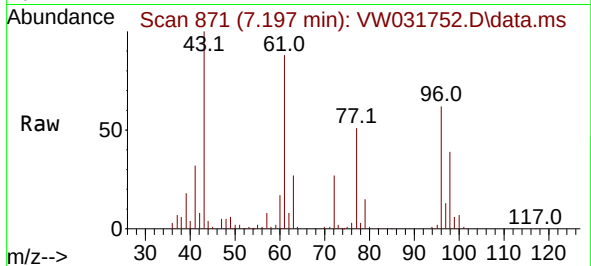




#25
2-Butanone
Concen: 104.357 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

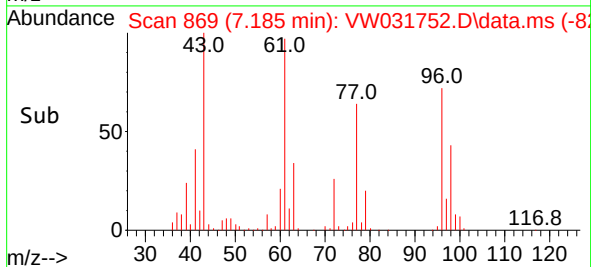
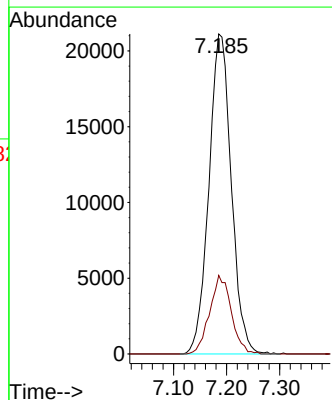
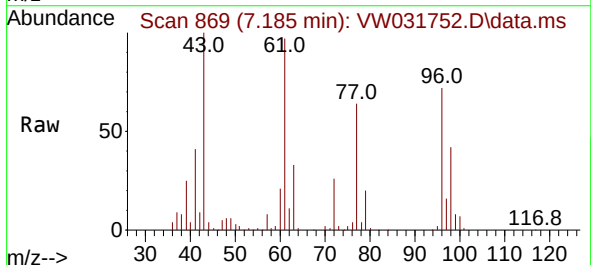
Instrument :
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ClientSampleId :
VW0702SBSD01

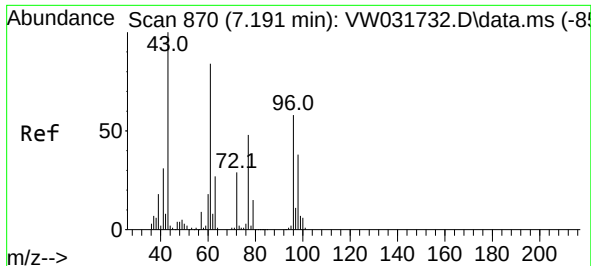
Tgt Ion: 43 Resp: 105838
Ion Ratio Lower Upper
43 100
72 27.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.887 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 77 Resp: 61911
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7

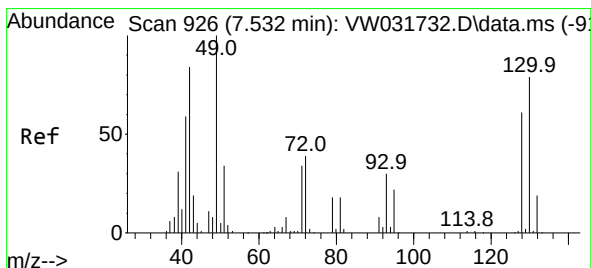
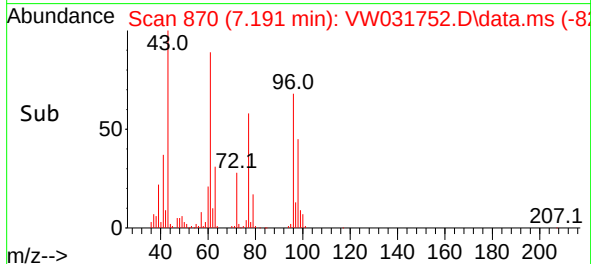
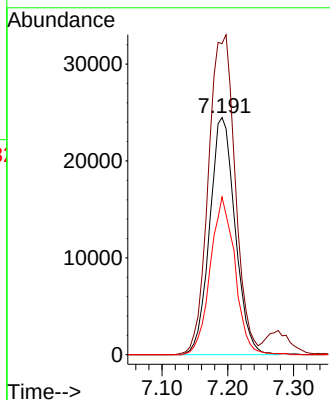
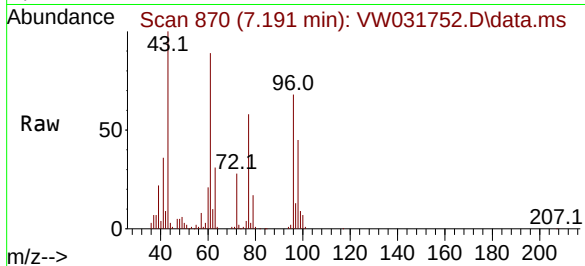




#27
 cis-1,2-Dichloroethene
 Concen: 20.619 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

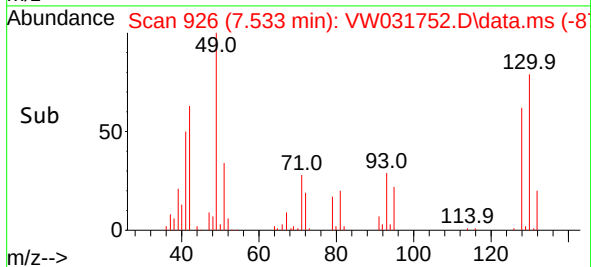
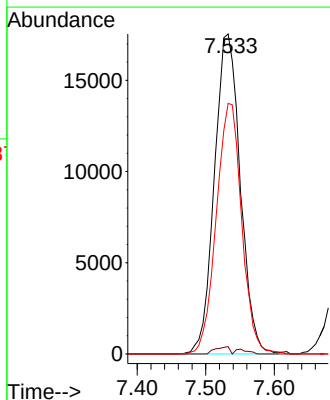
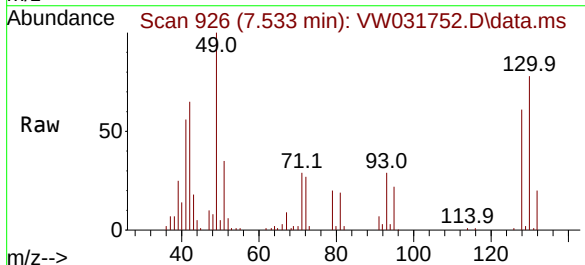
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBSD01

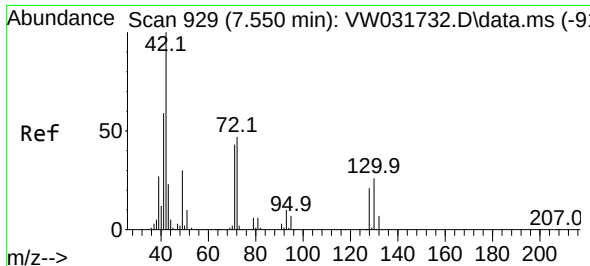
Tgt Ion: 96 Resp: 65949
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 286.8
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.476 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion: 49 Resp: 45905
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.4
 130 77.0 61.3 91.9





#29

Tetrahydrofuran

Concen: 101.122 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBSD01

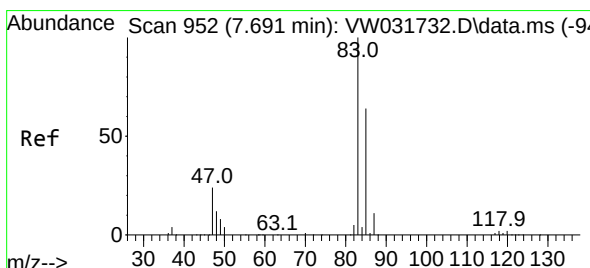
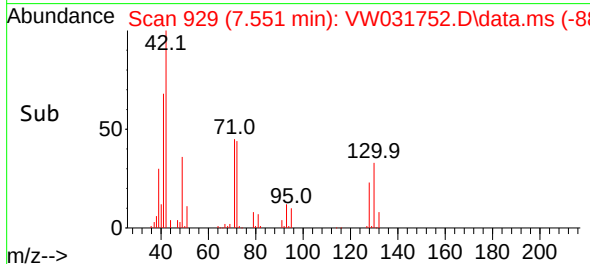
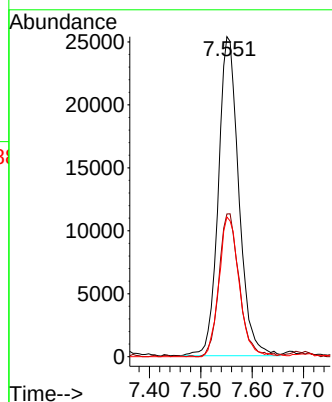
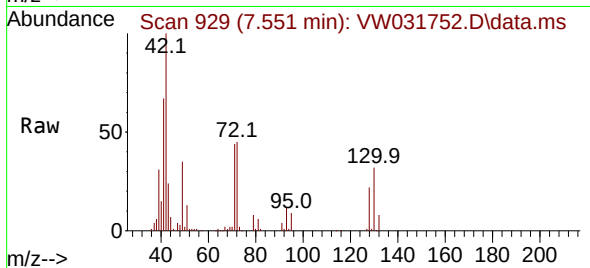
Tgt Ion: 42 Resp: 70234

Ion Ratio Lower Upper

42 100

72 44.5 36.8 55.2

71 43.3 34.6 52.0



#30

Chloroform

Concen: 20.435 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031752.D

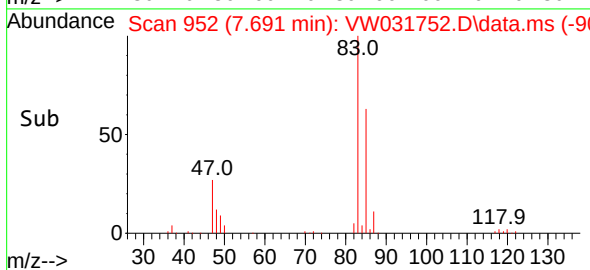
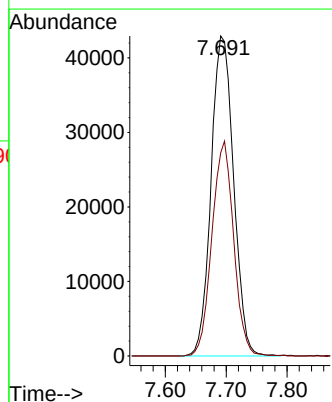
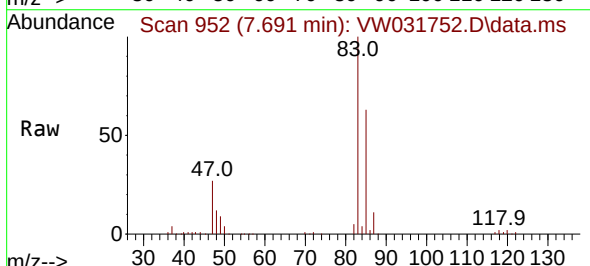
Acq: 02 Jul 2025 11:38

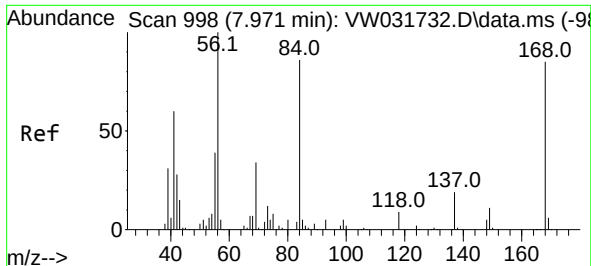
Tgt Ion: 83 Resp: 110314

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

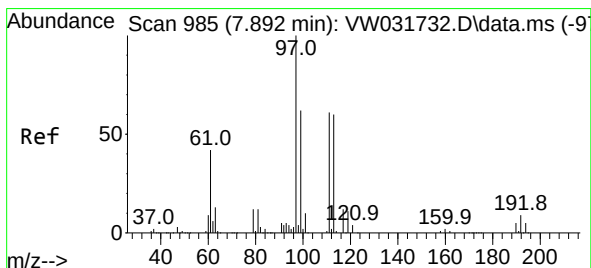
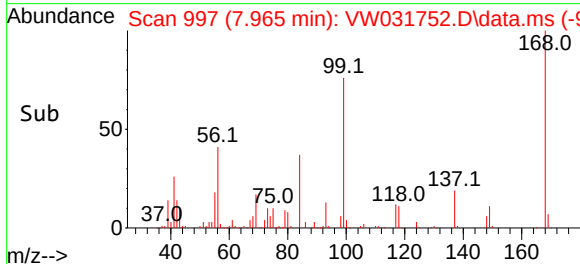
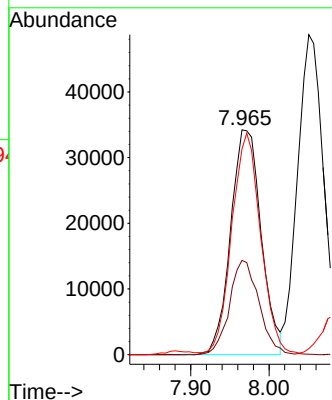
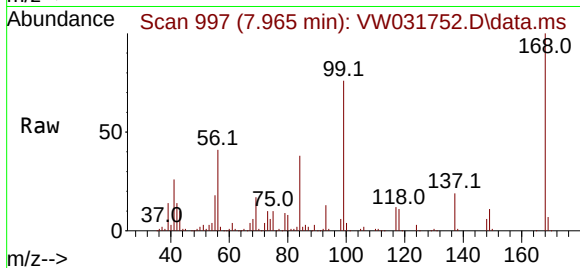




#31
Cyclohexane
Concen: 20.669 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

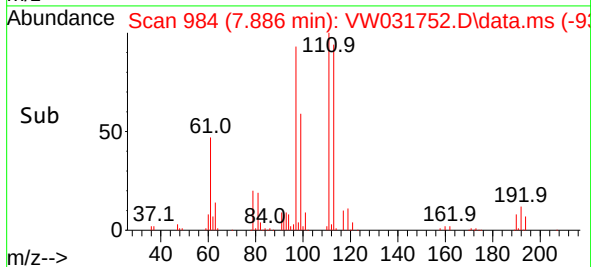
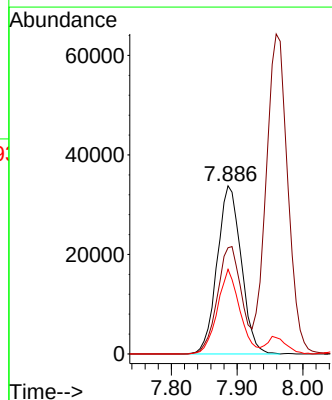
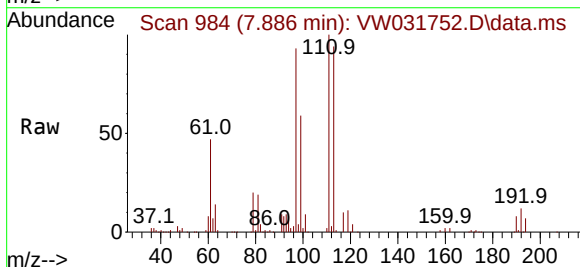
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

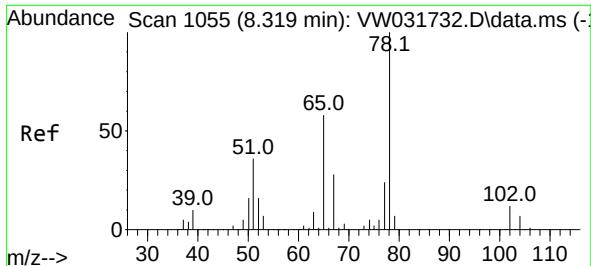
Tgt Ion: 56 Resp: 92820
Ion Ratio Lower Upper
56 100
69 41.9 27.2 40.8#
84 90.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.654 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 97 Resp: 85925
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 47.0 36.0 54.0

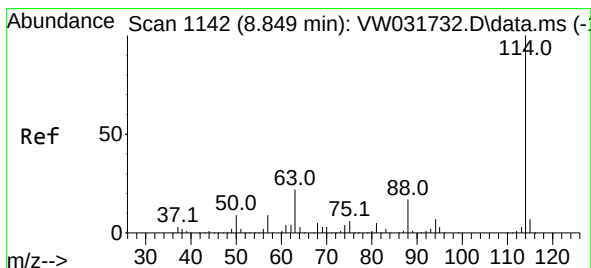
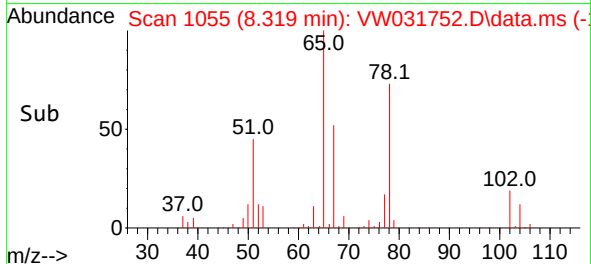
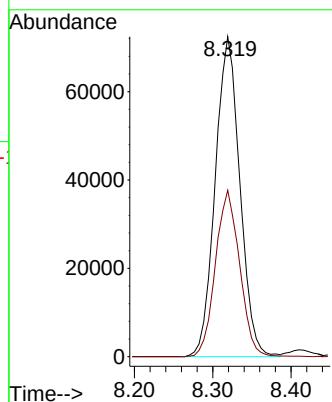
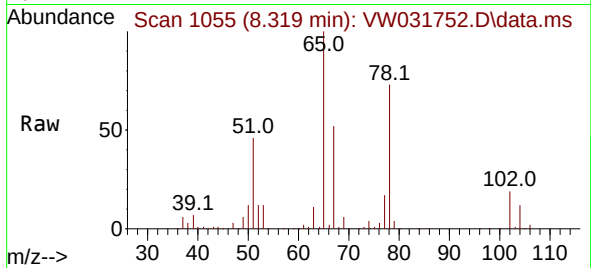




#33
 1,2-Dichloroethane-d4
 Concen: 50.263 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

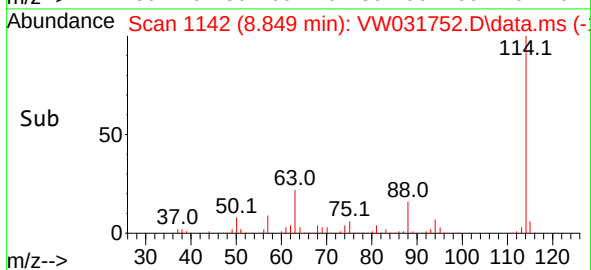
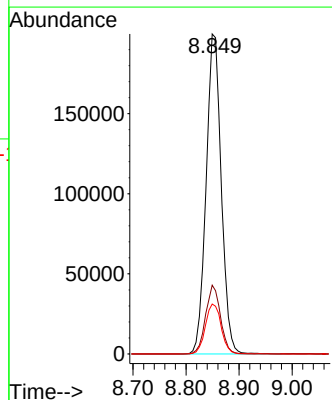
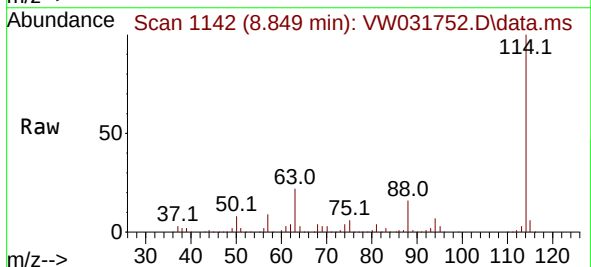
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBSD01

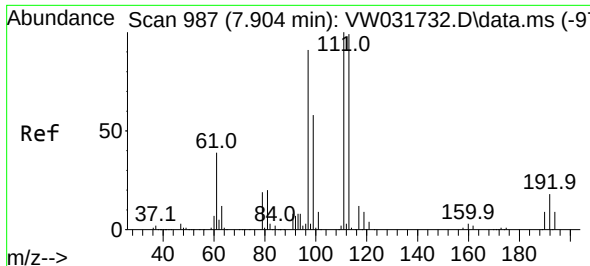
Tgt Ion: 65 Resp: 158527
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion: 114 Resp: 396161
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.6
 88 15.6 0.0 34.2

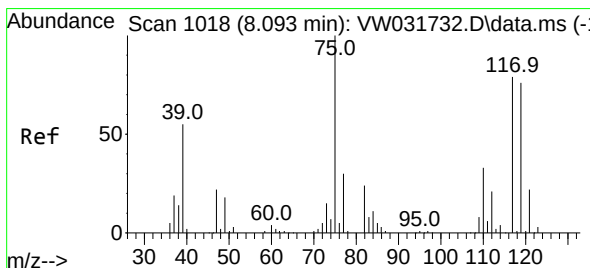
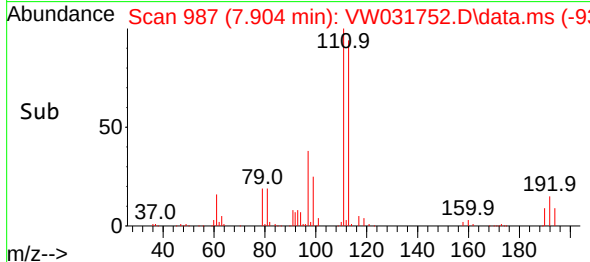
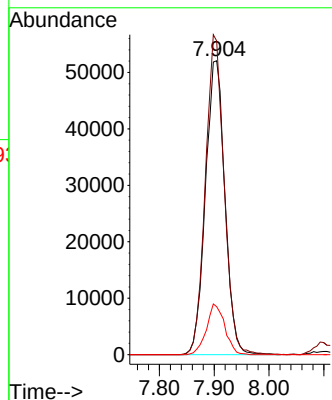
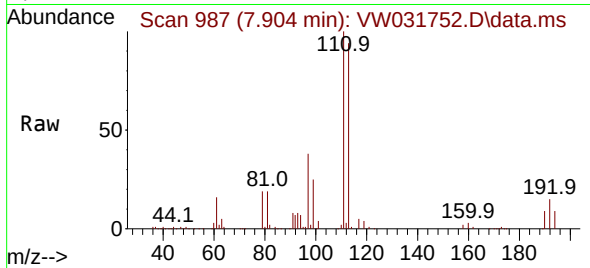




#35
 Dibromofluoromethane
 Concen: 49.646 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

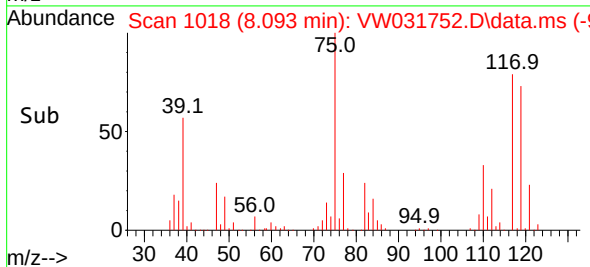
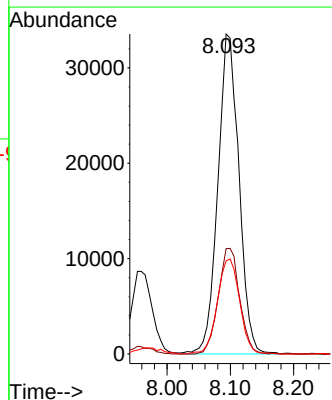
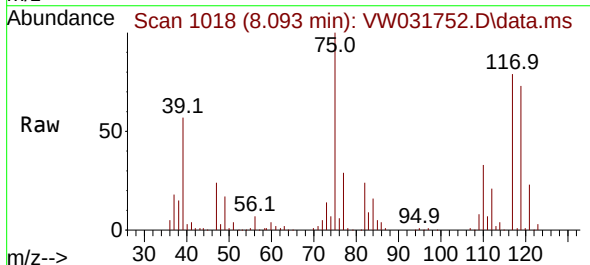
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

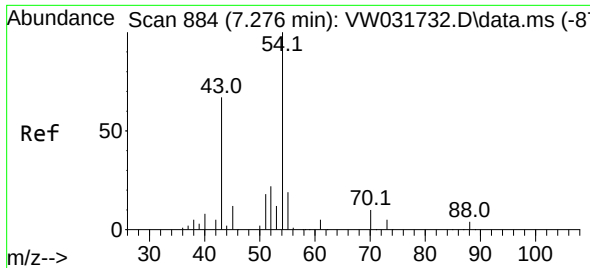
Tgt Ion:113 Resp: 128341
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.1 123.1
 192 16.2 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 20.746 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion: 75 Resp: 77608
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.4
 77 31.3 25.0 37.6

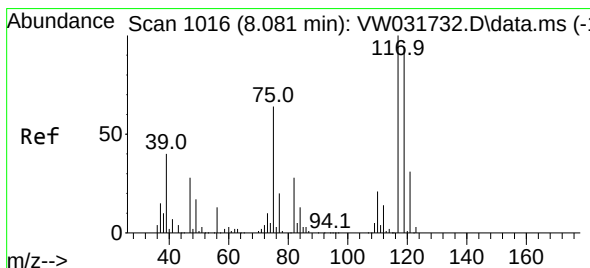
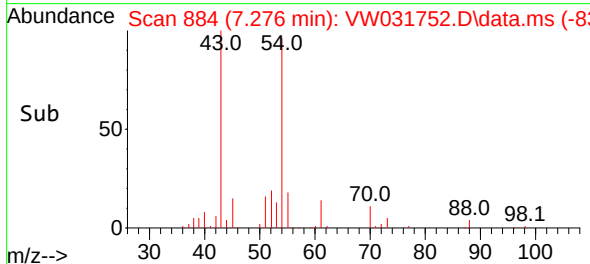
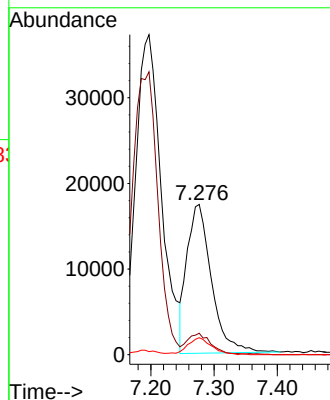
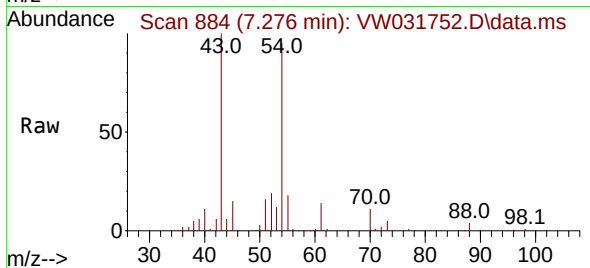




#37
Ethyl Acetate
Concen: 19.710 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

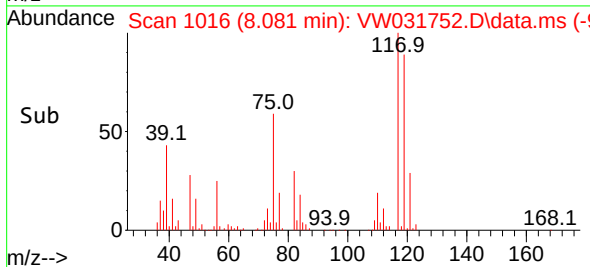
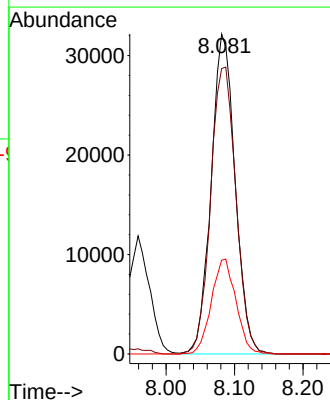
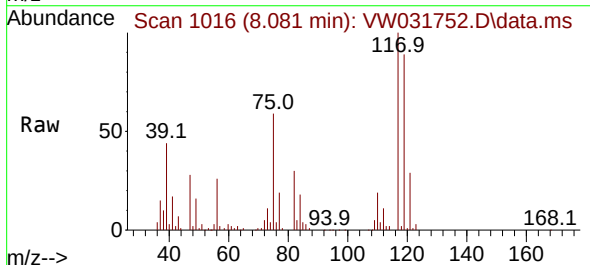
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

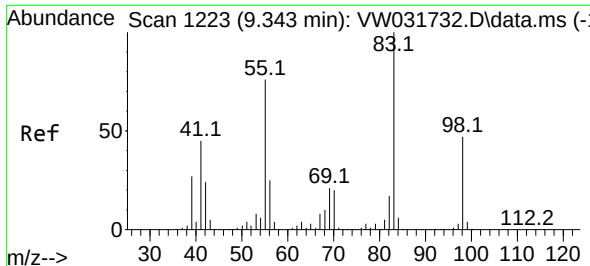
Tgt Ion: 43	Resp: 46512
Ion Ratio	Lower Upper
43 100	
61 13.2	10.9 16.3
70 11.2	9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.529 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:117	Resp:	78255	
Ion	Ratio	Lower	Upper
117	100		
119	89.2	75.0	112.6
121	29.3	24.6	37.0





#39

Methylcyclohexane

Concen: 20.974 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

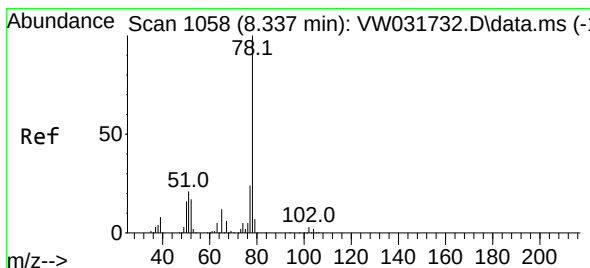
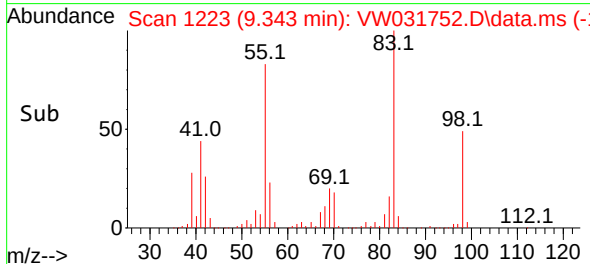
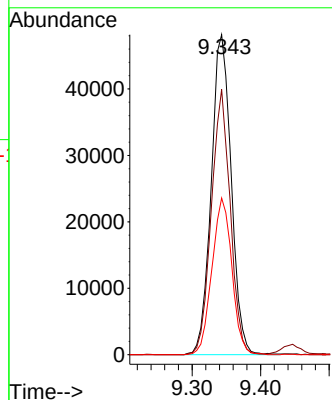
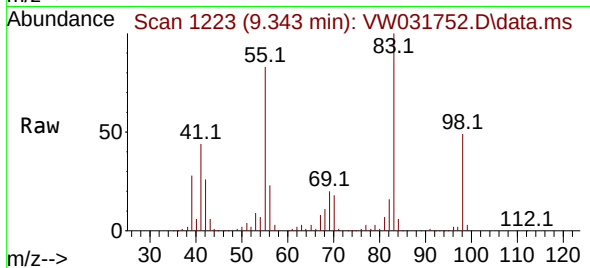
Tgt Ion: 83 Resp: 97616

Ion Ratio Lower Upper

83 100

55 82.9 61.0 91.4

98 48.9 37.9 56.9



#40

Benzene

Concen: 20.755 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031752.D

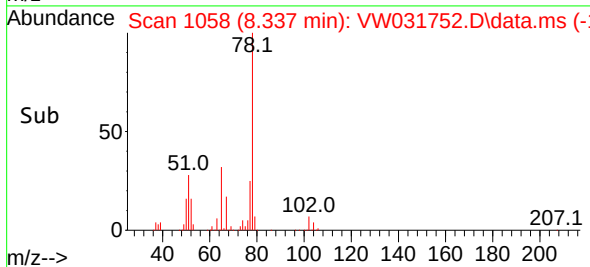
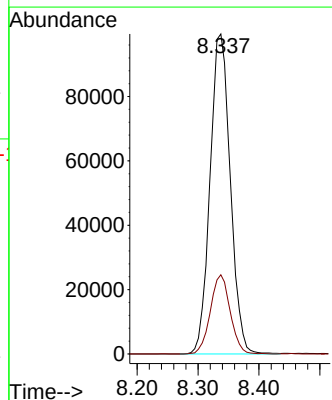
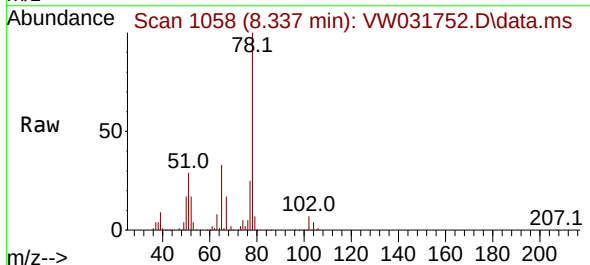
Acq: 02 Jul 2025 11:38

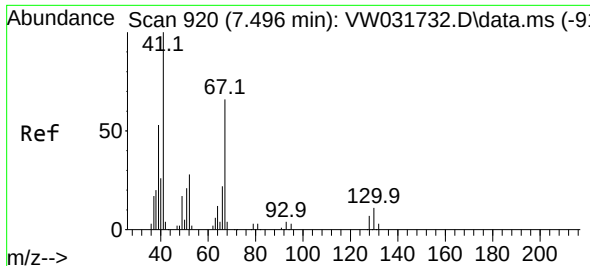
Tgt Ion: 78 Resp: 229703

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8

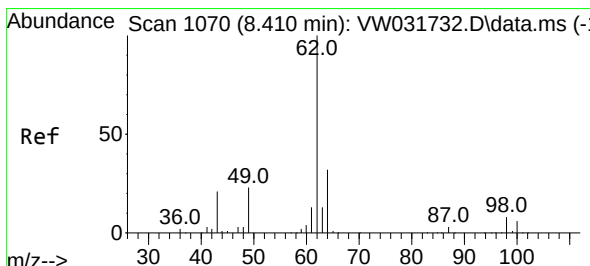
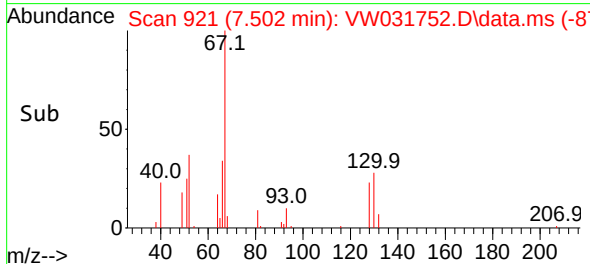
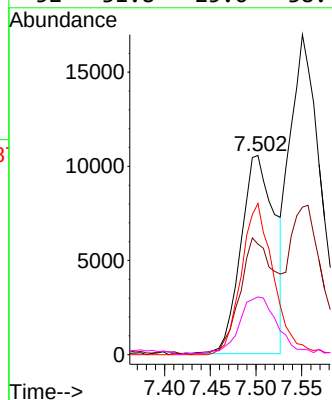
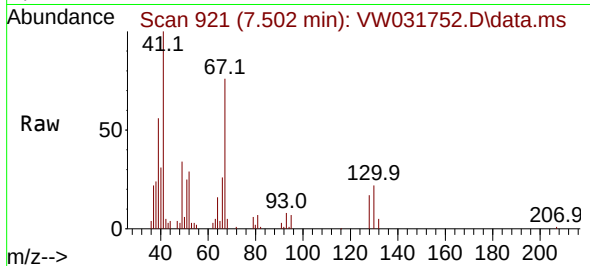




#41
Methacrylonitrile
Concen: 21.434 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

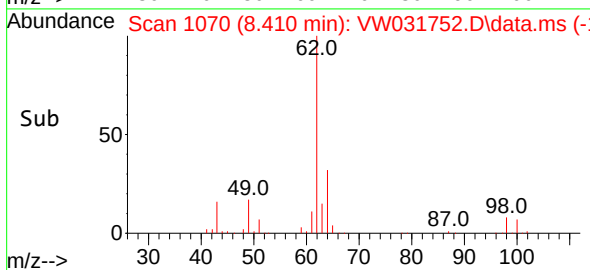
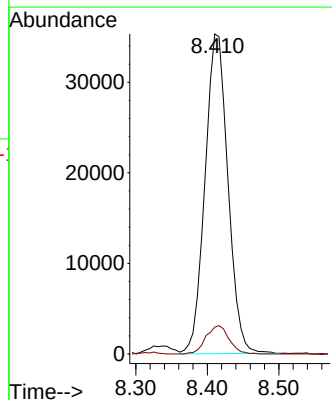
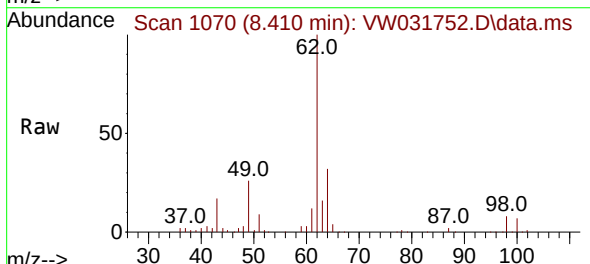
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

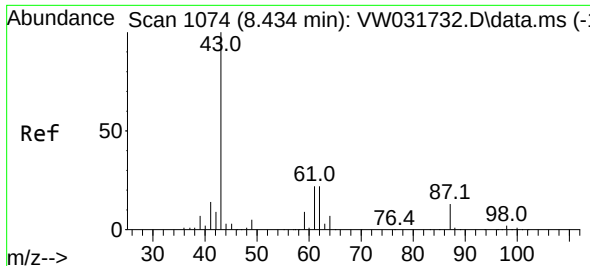
Tgt Ion:	41	Resp:	27095
Ion	Ratio	Lower	Upper
41	100		
39	60.7	43.2	64.8
67	73.8	58.1	87.1
52	31.8	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.032 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:	62	Resp:	78653
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

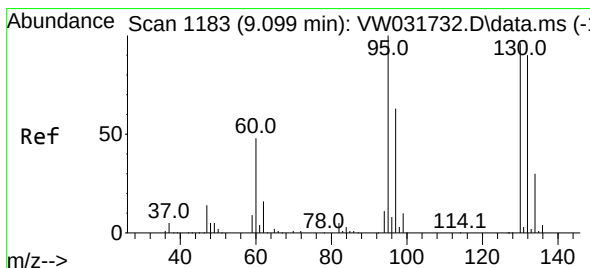
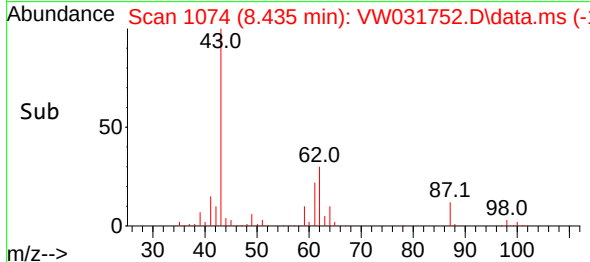
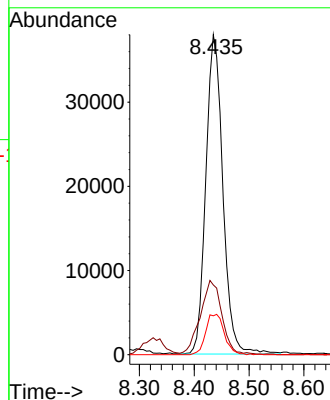
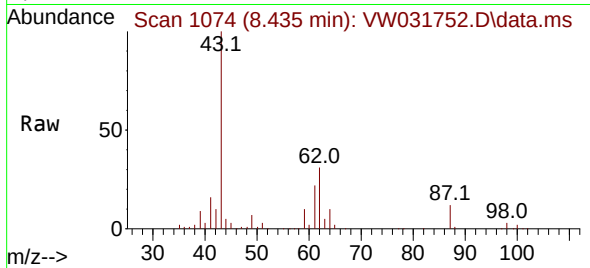




#43
Isopropyl Acetate
Concen: 20.121 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

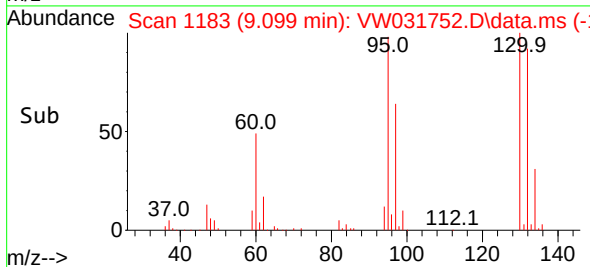
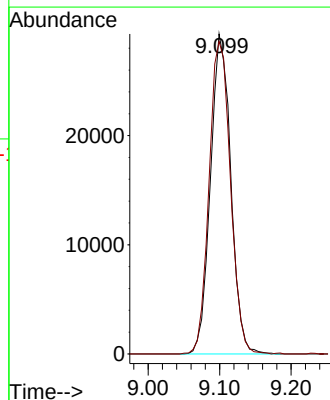
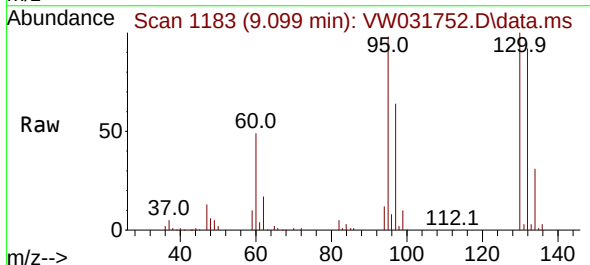
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

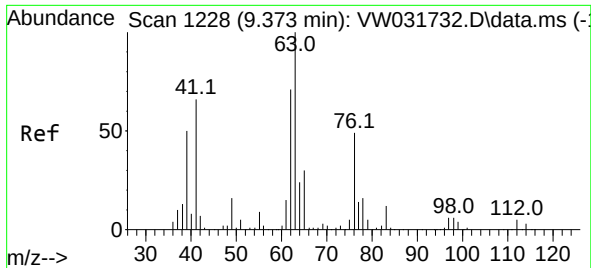
Tgt Ion: 43 Resp: 81846
Ion Ratio Lower Upper
43 100
61 29.2 23.1 34.7
87 13.7 10.8 16.2



#44
Trichloroethene
Concen: 20.947 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:130 Resp: 57864
Ion Ratio Lower Upper
130 100
95 97.7 0.0 208.6

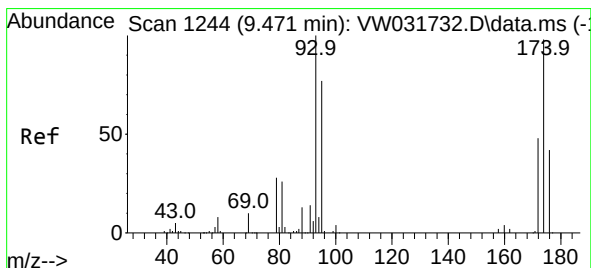
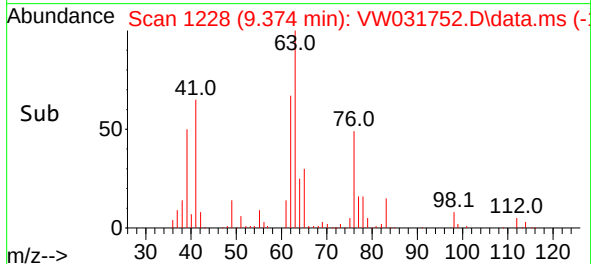
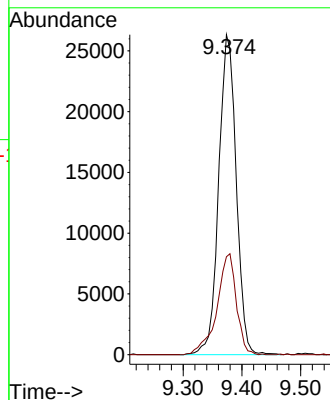
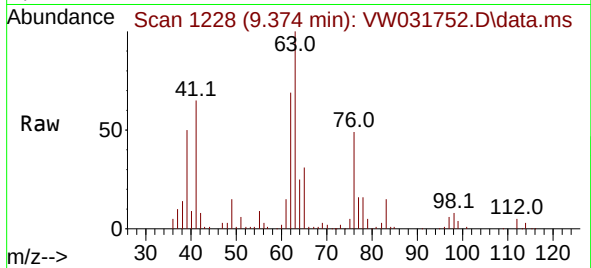




#45
1,2-Dichloropropane
Concen: 20.417 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

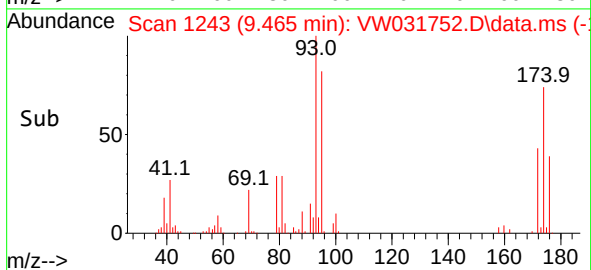
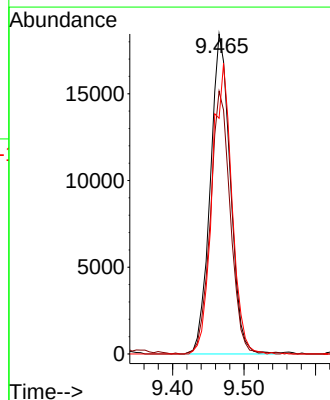
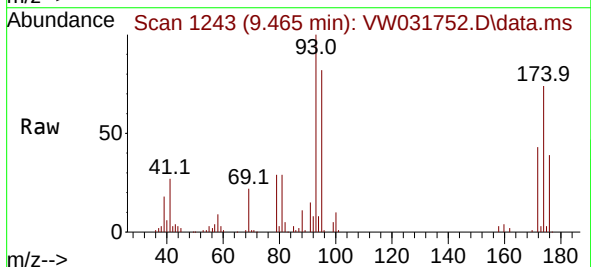
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

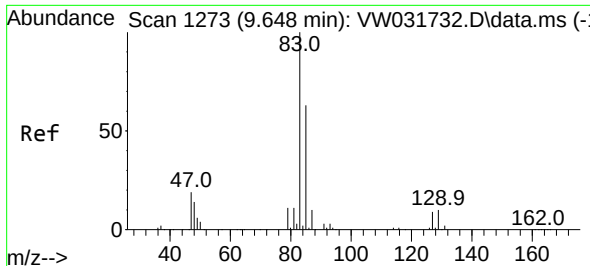
Tgt Ion: 63 Resp: 54612
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.4



#46
Dibromomethane
Concen: 20.819 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 93 Resp: 35952
Ion Ratio Lower Upper
93 100
95 81.3 67.0 100.4
174 89.4 71.7 107.5

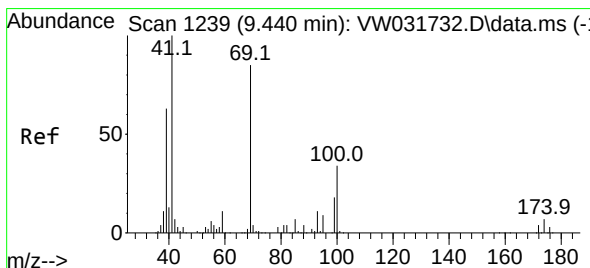
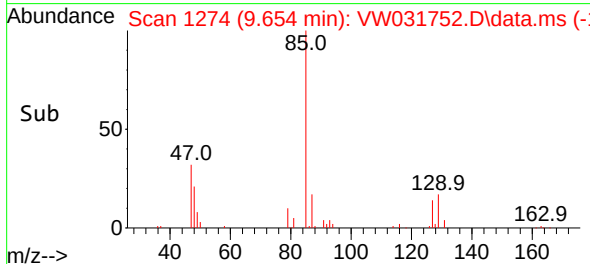
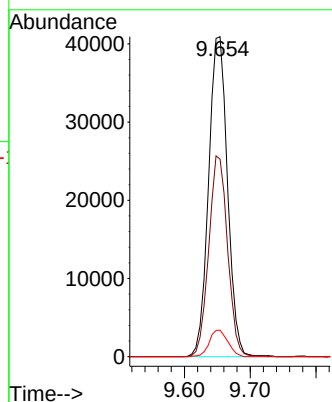
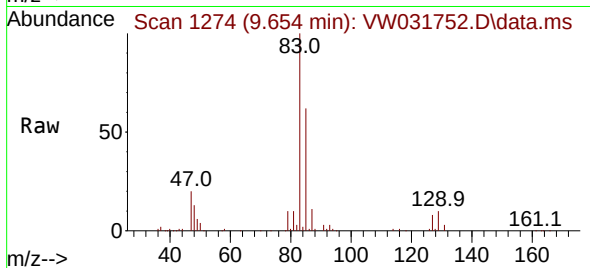




#47
Bromodichloromethane
Concen: 20.191 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

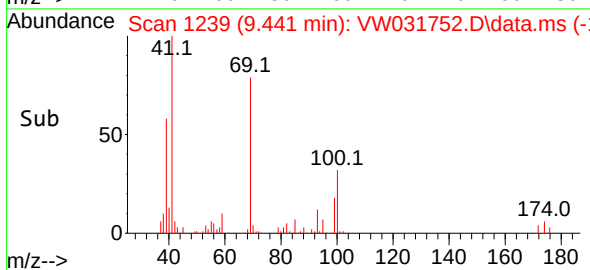
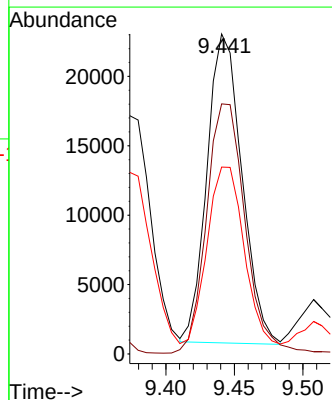
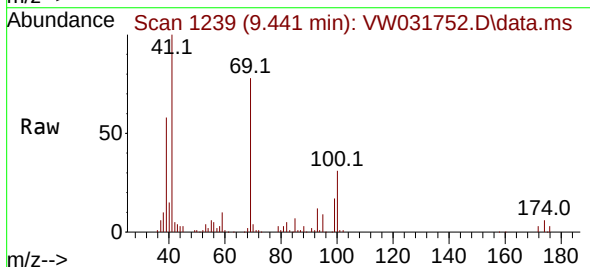
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

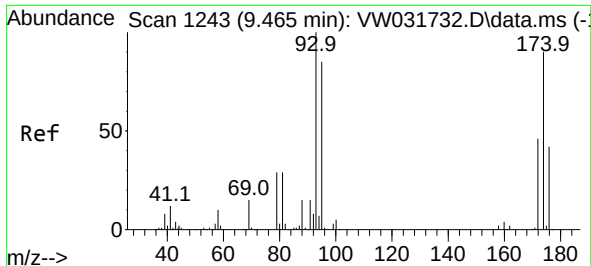
Tgt Ion: 83 Resp: 81766
Ion Ratio Lower Upper
83 100
85 61.8 50.8 76.2
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 19.744 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 41 Resp: 39491
Ion Ratio Lower Upper
41 100
69 89.6 71.6 107.4
39 61.1 49.5 74.3

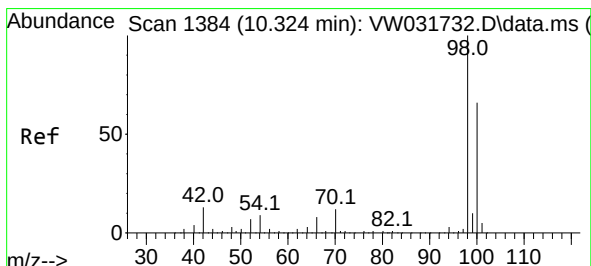
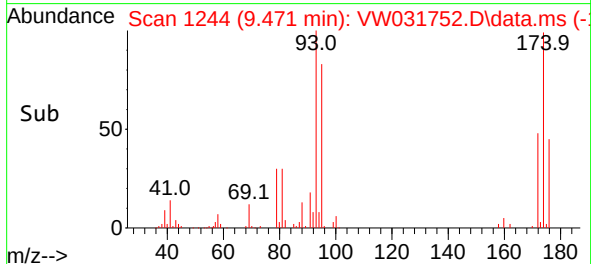
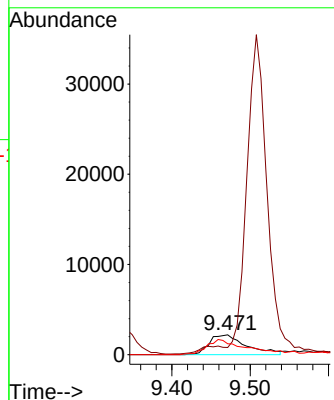
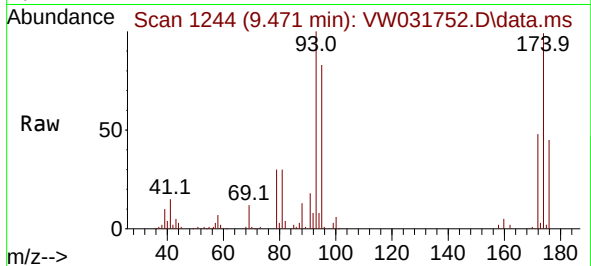




#49
1,4-Dioxane
Concen: 357.762 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

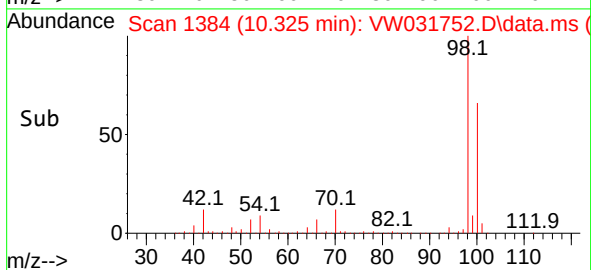
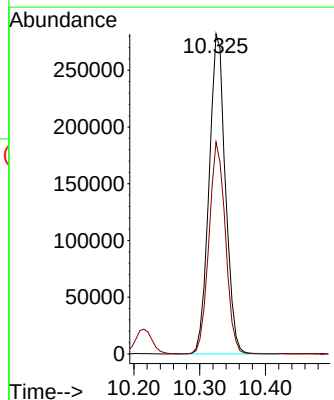
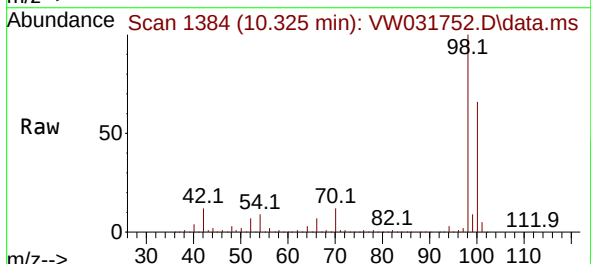
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

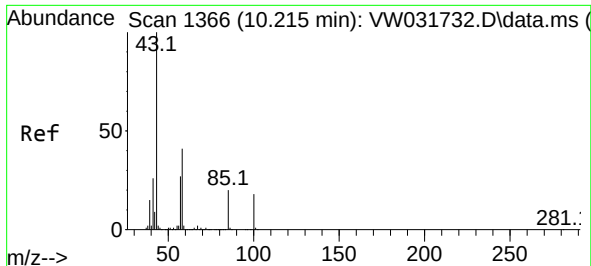
Tgt Ion: 88 Resp: 7236
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 85.6 58.3 87.5



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 98 Resp: 487688
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

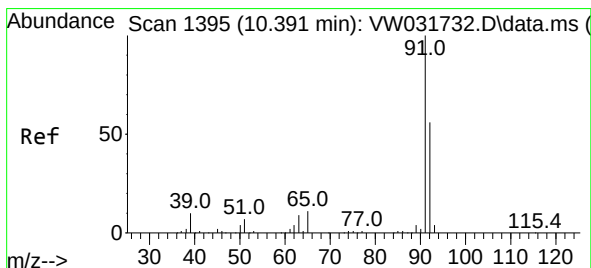
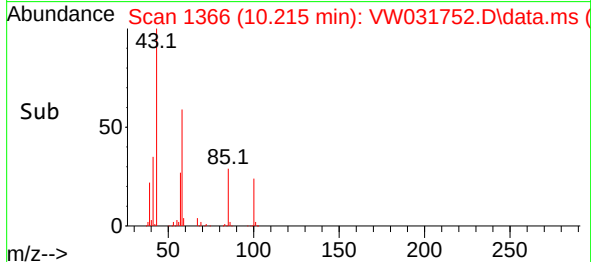
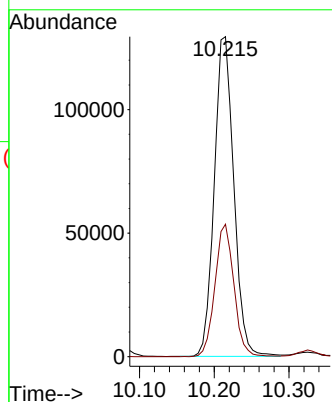
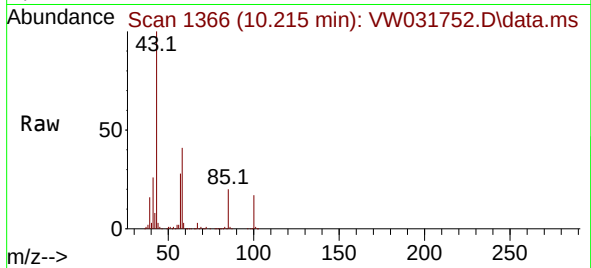




#51
4-Methyl-2-Pentanone
Concen: 100.792 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

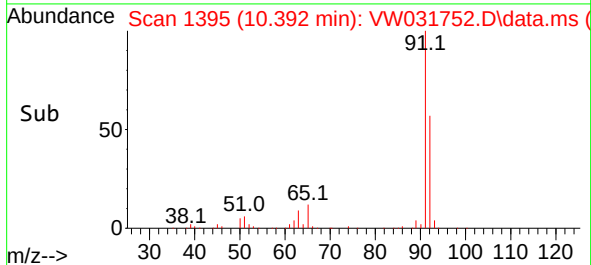
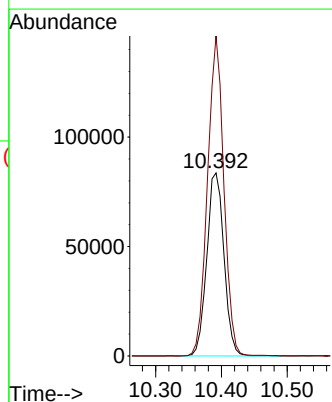
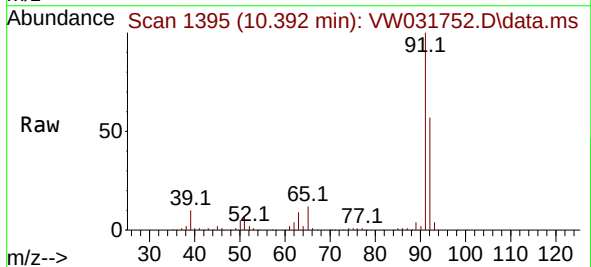
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

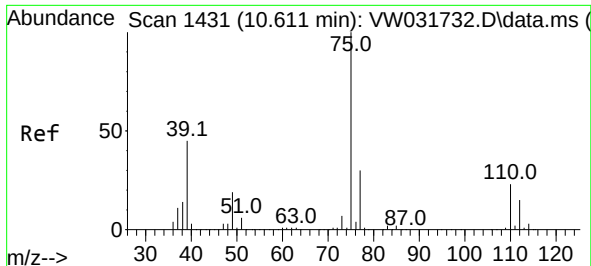
Tgt Ion: 43 Resp: 235711
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 21.444 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 92 Resp: 151954
Ion Ratio Lower Upper
92 100
91 166.5 139.5 209.3

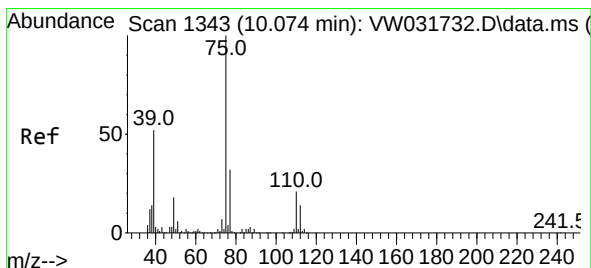
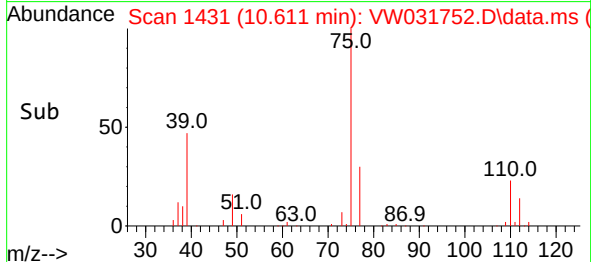
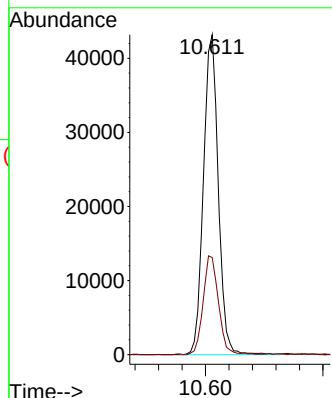
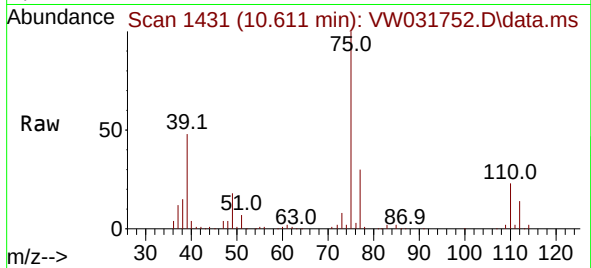




#53
t-1,3-Dichloropropene
Concen: 19.902 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

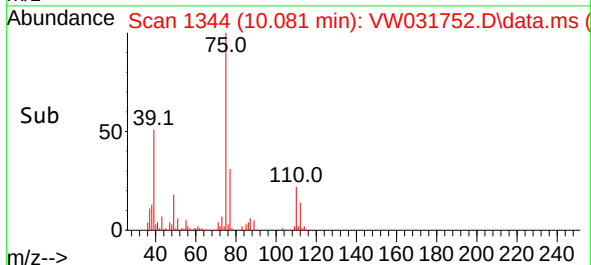
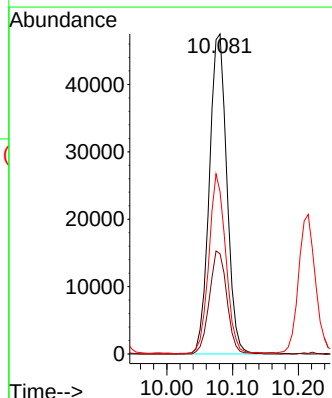
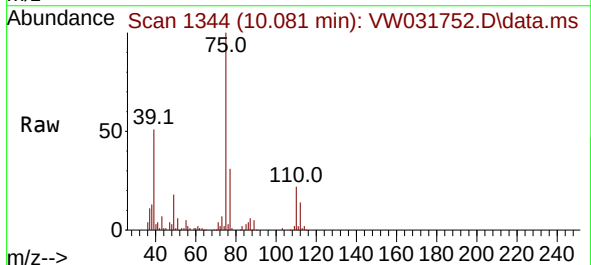
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

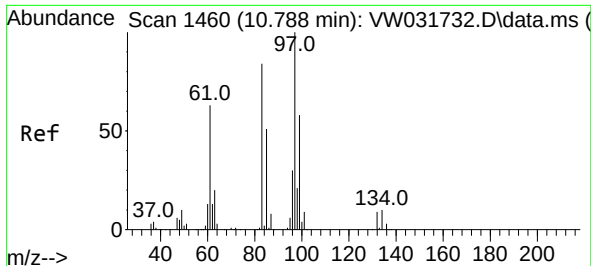
Tgt Ion: 75 Resp: 75619
Ion Ratio Lower Upper
75 100
77 30.1 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 20.400 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 75 Resp: 87867
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 50.5 41.8 62.6

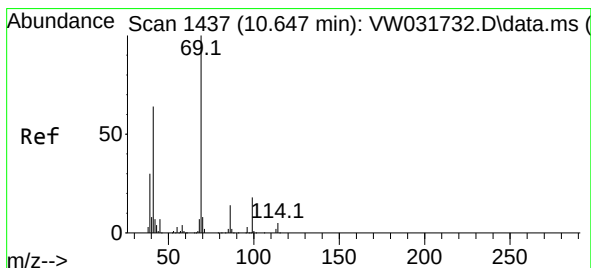
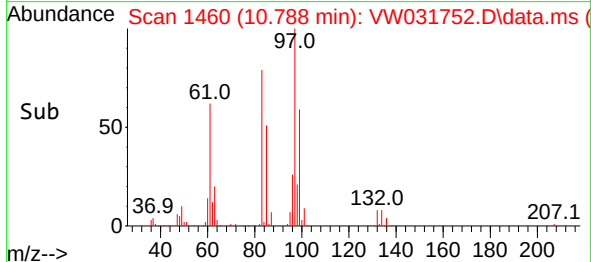
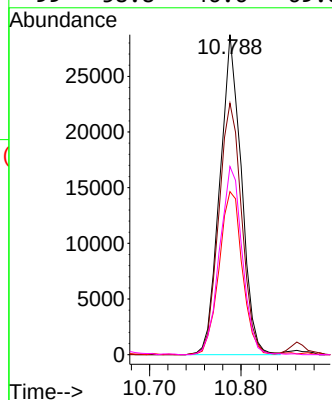
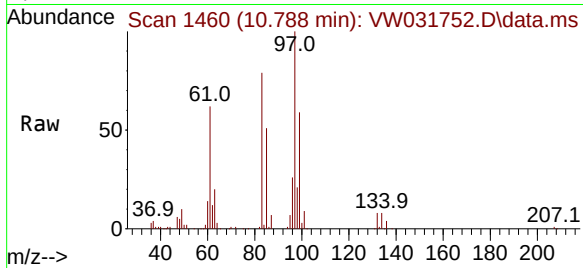




#55
1,1,2-Trichloroethane
Concen: 20.798 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

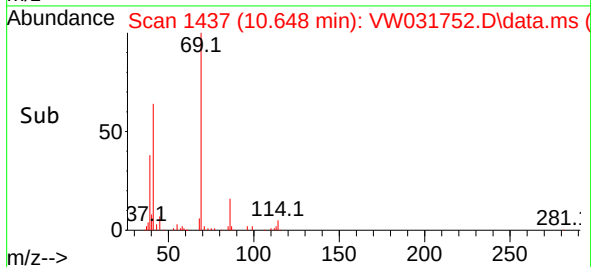
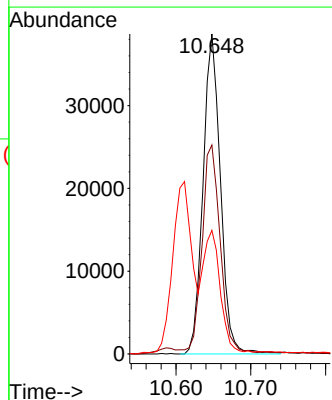
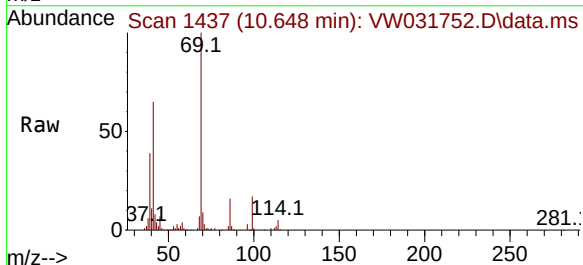
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

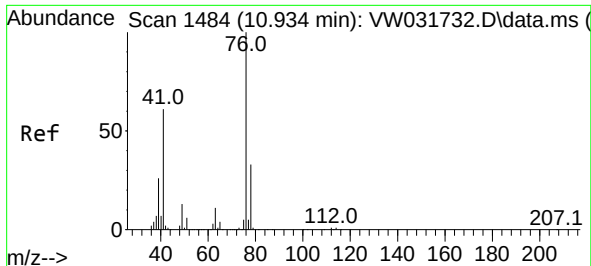
Tgt Ion:	97	Resp:	47047
Ion	Ratio	Lower	Upper
97	100		
83	78.6	66.9	100.3
85	50.9	41.1	61.7
99	58.8	46.6	69.8



#56
Ethyl methacrylate
Concen: 20.397 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:	69	Resp:	62597
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.3	79.9
39	37.1	30.2	45.2

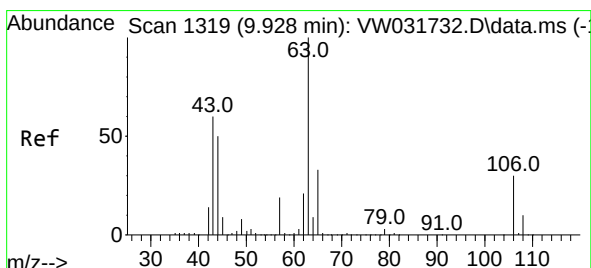
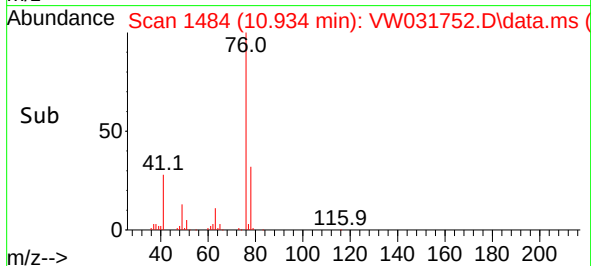
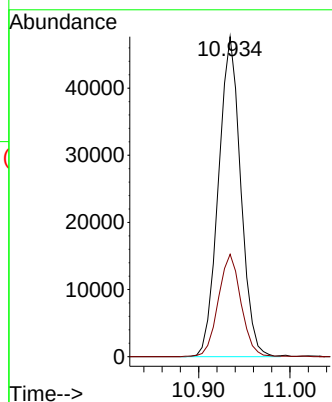
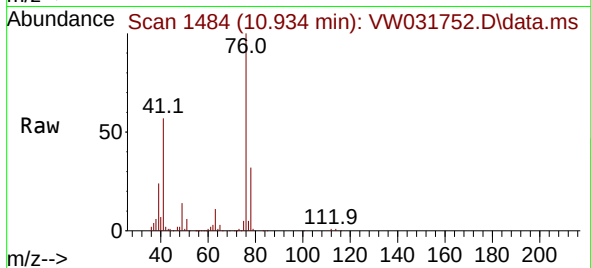




#57
1,3-Dichloropropane
Concen: 20.356 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

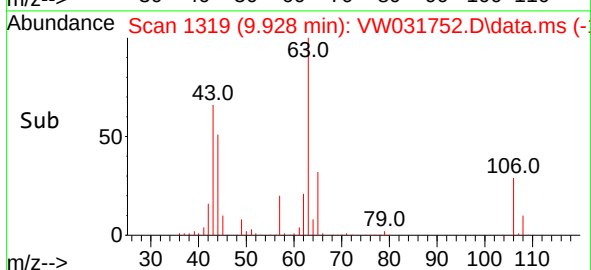
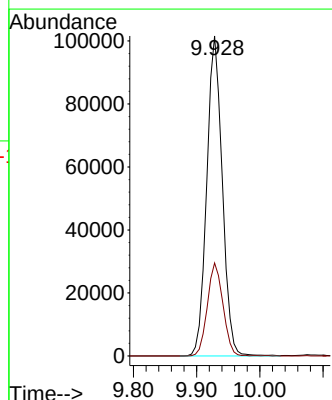
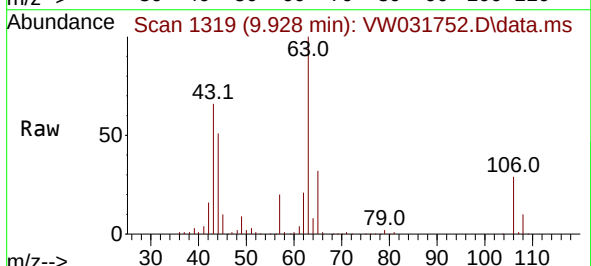
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

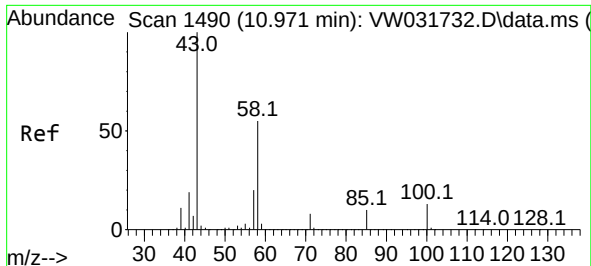
Tgt Ion: 76 Resp: 80846
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 102.764 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 63 Resp: 173662
Ion Ratio Lower Upper
63 100
106 29.1 24.1 36.1

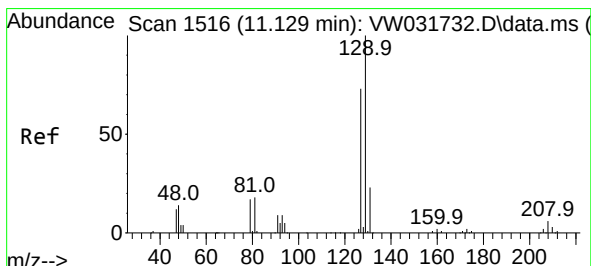
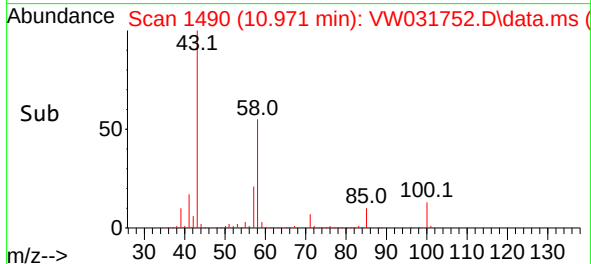
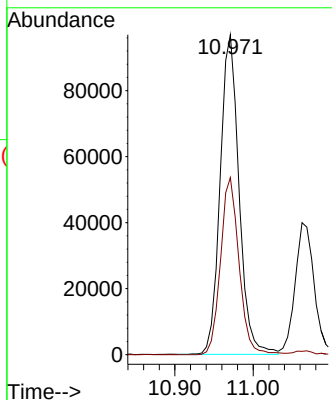
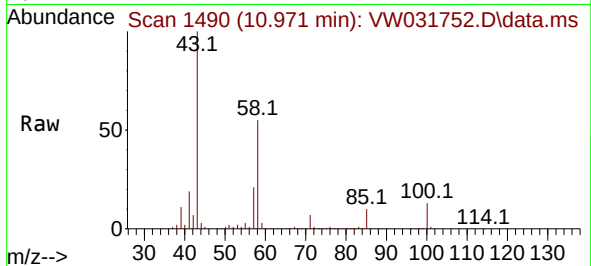




#59
2-Hexanone
Concen: 102.513 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

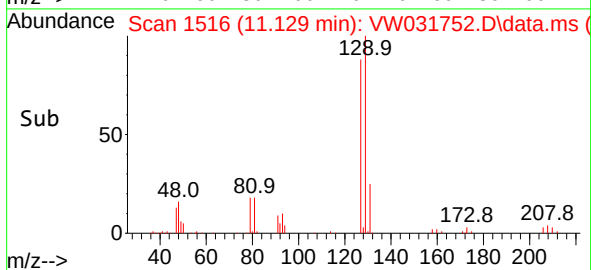
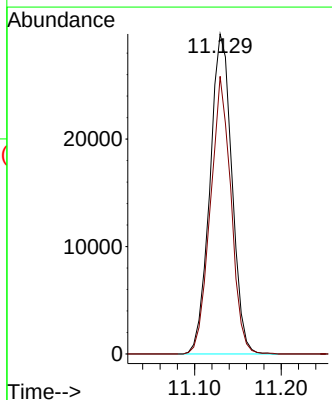
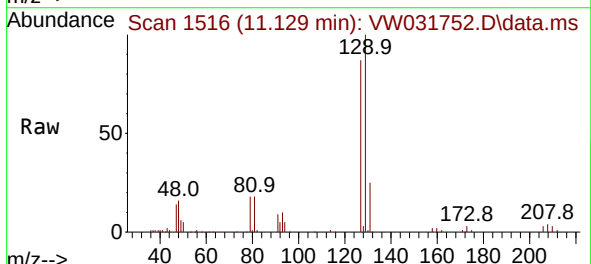
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

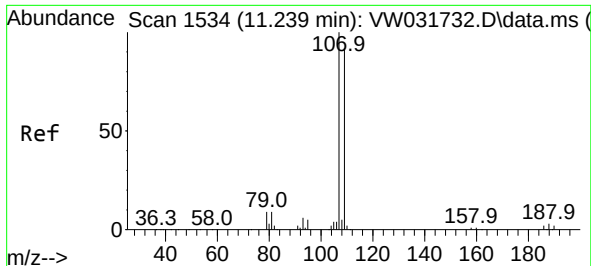
Tgt Ion: 43 Resp: 162455
Ion Ratio Lower Upper
43 100
58 54.3 27.9 83.6



#60
Dibromochloromethane
Concen: 19.437 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:129 Resp: 52579
Ion Ratio Lower Upper
129 100
127 80.9 38.0 114.1

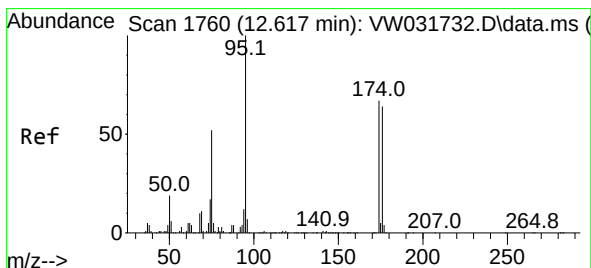
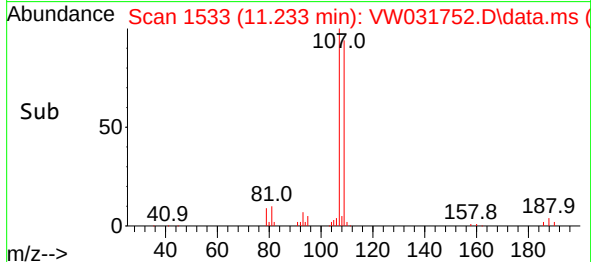
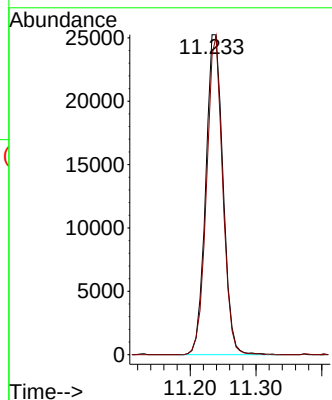
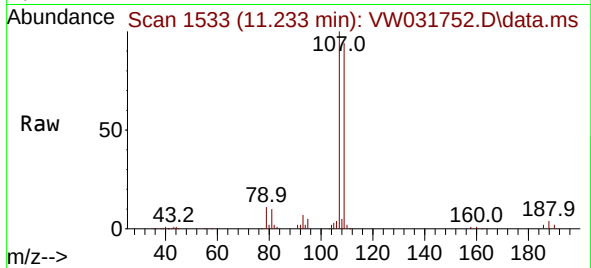




#61
1,2-Dibromoethane
Concen: 20.373 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

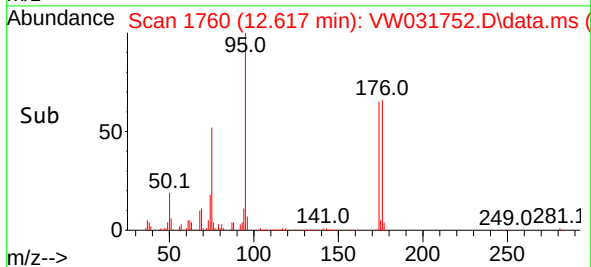
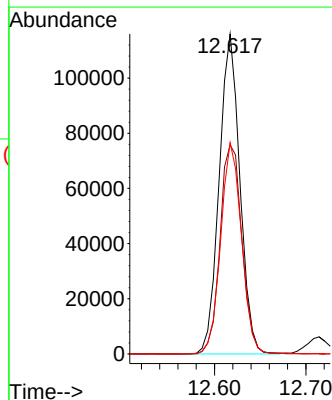
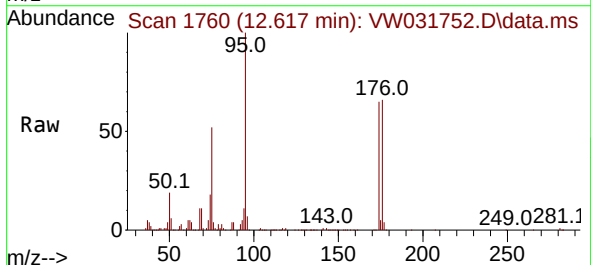
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

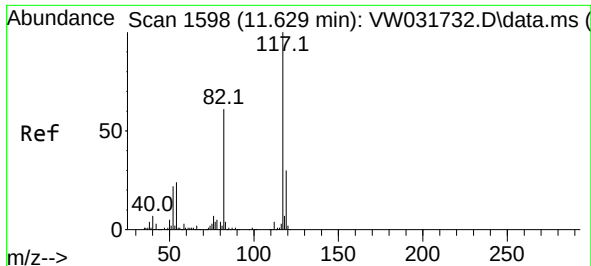
Tgt Ion:107 Resp: 46136
Ion Ratio Lower Upper
107 100
109 93.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 95 Resp: 182529
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.8
176 66.3 0.0 126.0

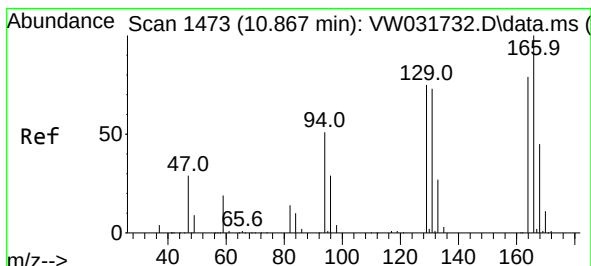
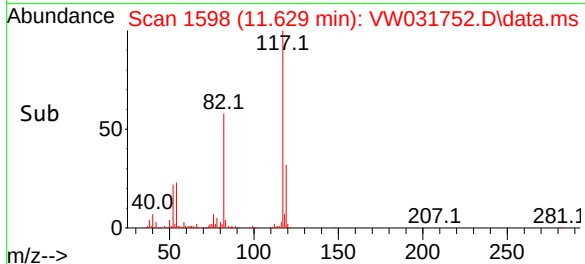
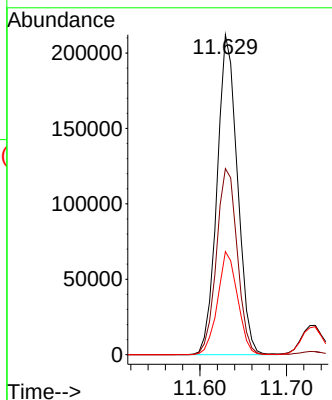
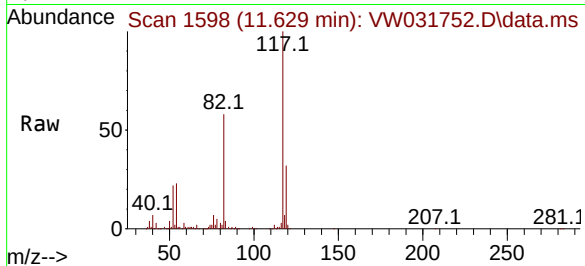




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

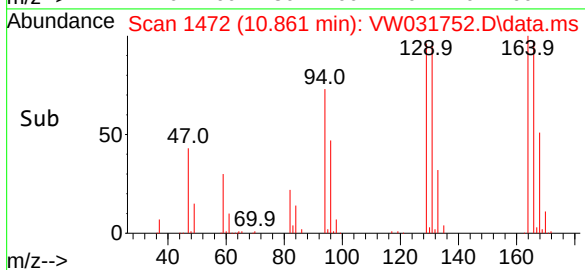
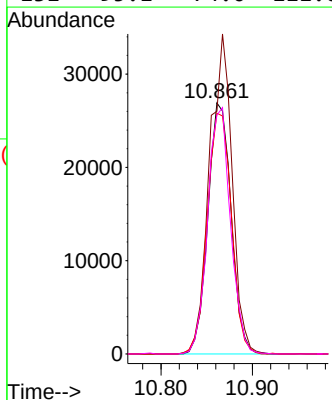
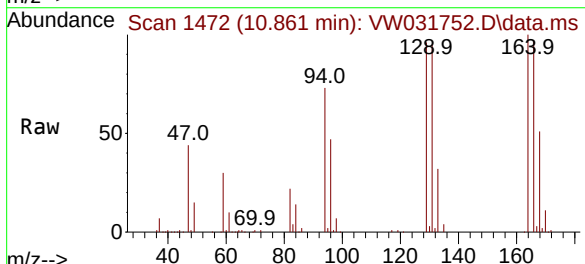
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

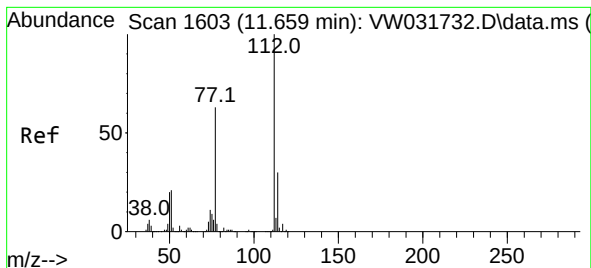
Tgt Ion:117 Resp: 346815
Ion Ratio Lower Upper
117 100
82 58.1 48.6 72.8
119 32.2 23.9 35.9



#64
Tetrachloroethene
Concen: 20.916 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:164 Resp: 47449
Ion Ratio Lower Upper
164 100
166 96.7 100.7 151.1#
129 95.9 75.4 113.0
131 95.1 74.0 111.0





#65

Chlorobenzene

Concen: 21.102 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

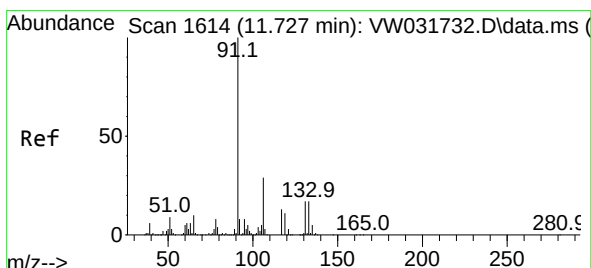
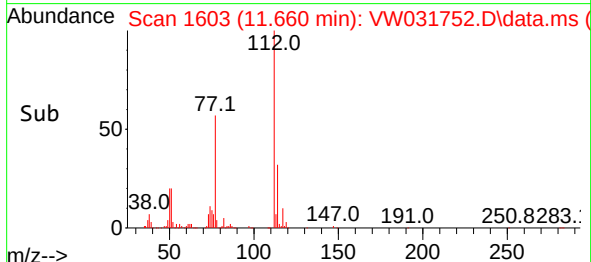
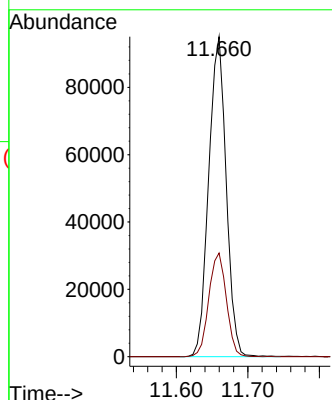
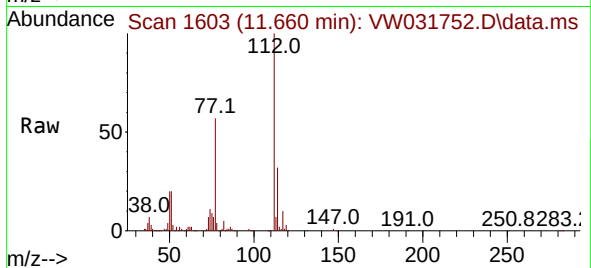
VW0702SBSD01

Tgt Ion:112 Resp: 161472

Ion Ratio Lower Upper

112 100

114 32.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.396 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

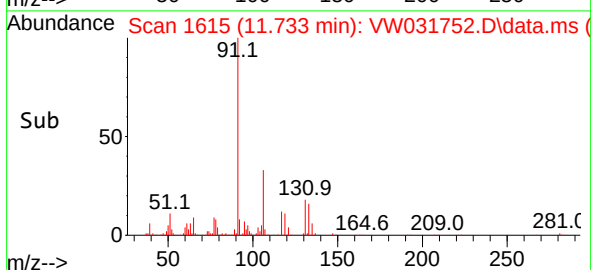
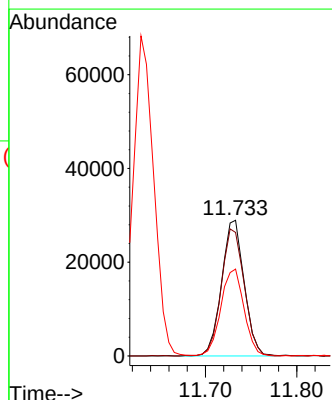
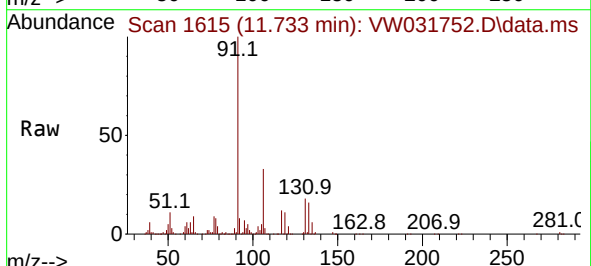
Tgt Ion:131 Resp: 49733

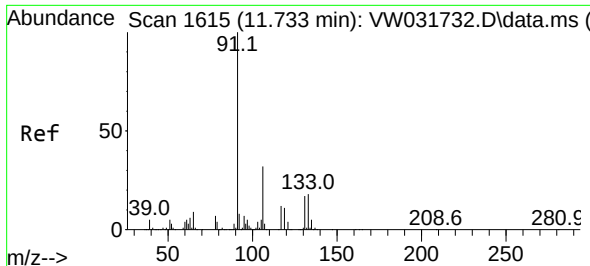
Ion Ratio Lower Upper

131 100

133 95.7 48.5 145.6

119 65.6 32.5 97.5

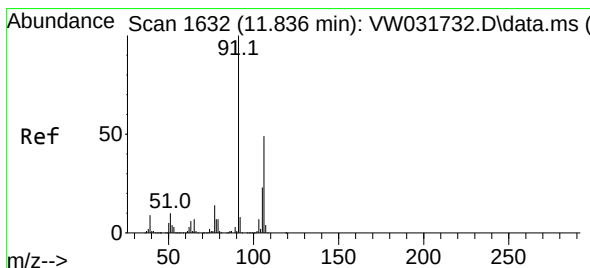
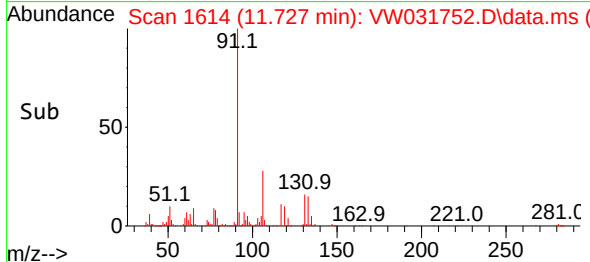
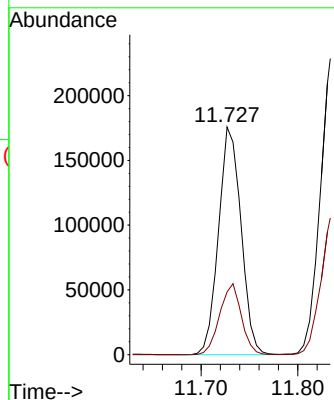
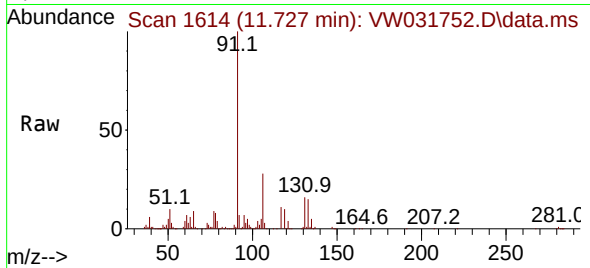




#67
Ethyl Benzene
Concen: 21.366 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

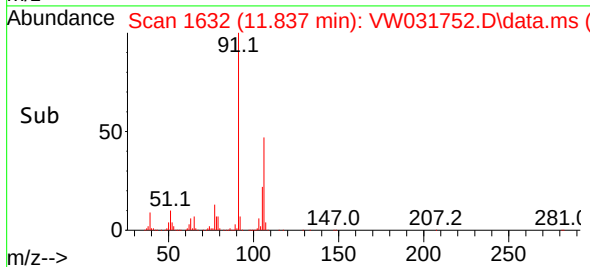
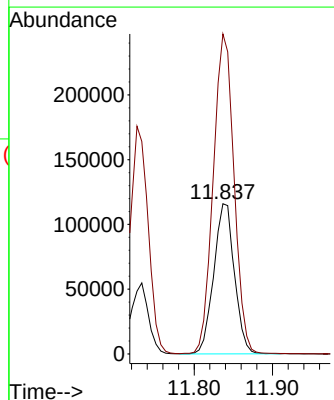
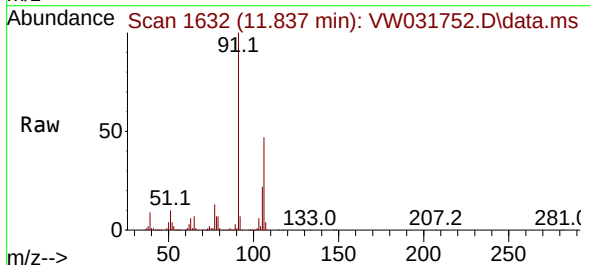
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

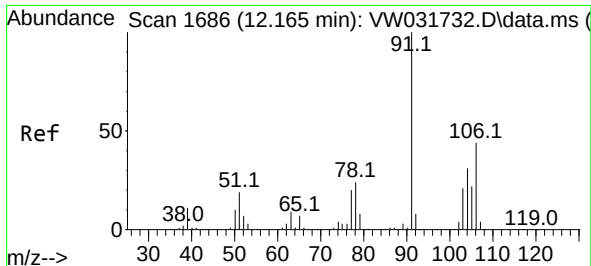
Tgt Ion: 91 Resp: 283495
Ion Ratio Lower Upper
91 100
106 27.5 25.4 38.2



#68
m/p-Xylenes
Concen: 41.672 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:106 Resp: 212556
Ion Ratio Lower Upper
106 100
91 214.9 166.4 249.6

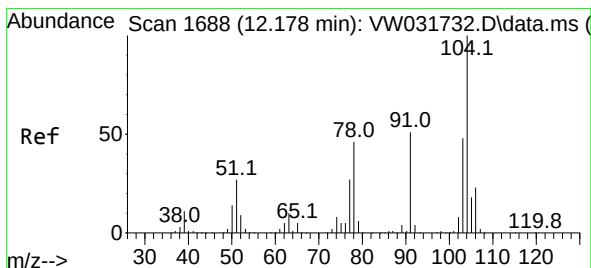
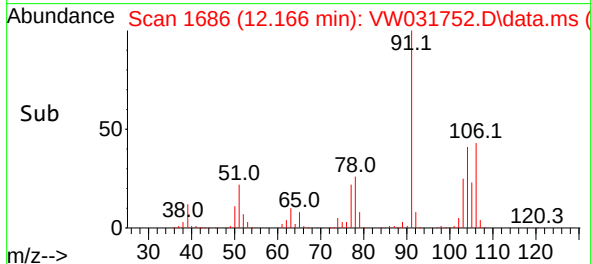
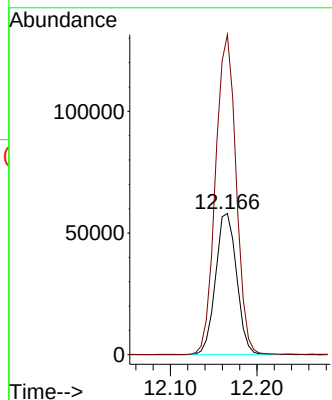
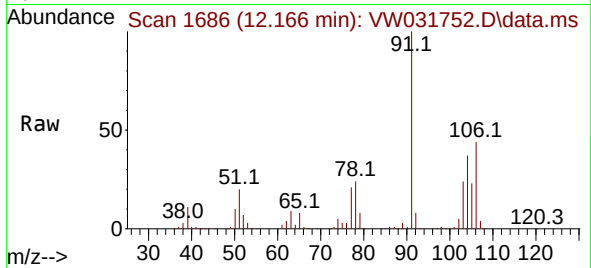




#69
o-Xylene
Concen: 20.815 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

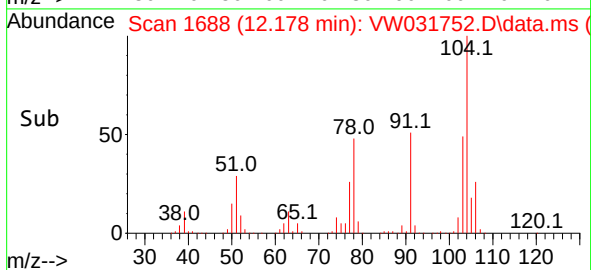
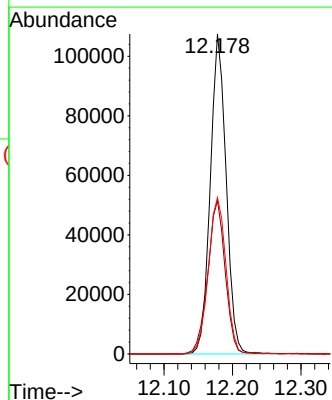
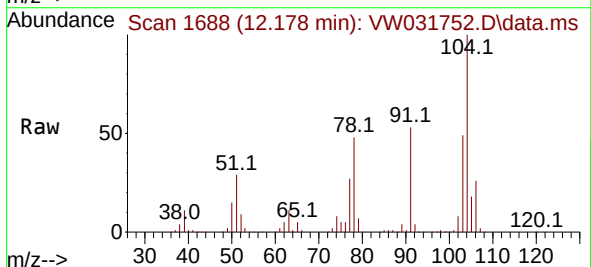
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

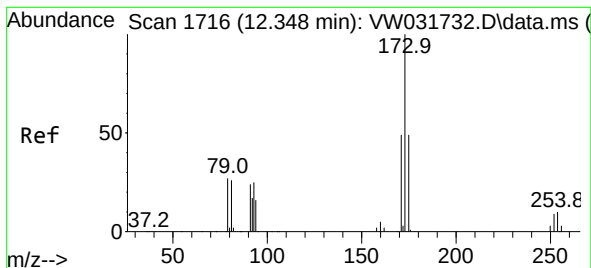
Tgt Ion:106 Resp: 98305
Ion Ratio Lower Upper
106 100
91 220.7 111.5 334.4



#70
Styrene
Concen: 21.200 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:104 Resp: 173085
Ion Ratio Lower Upper
104 100
78 52.8 42.1 63.1
103 54.7 43.0 64.6





#71

Bromoform

Concen: 19.777 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

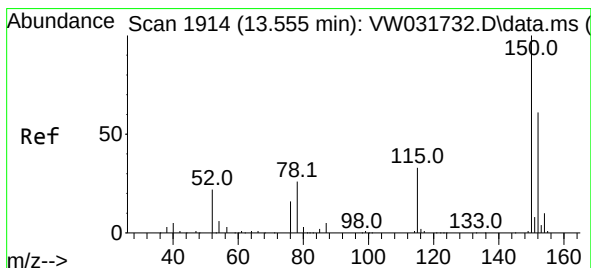
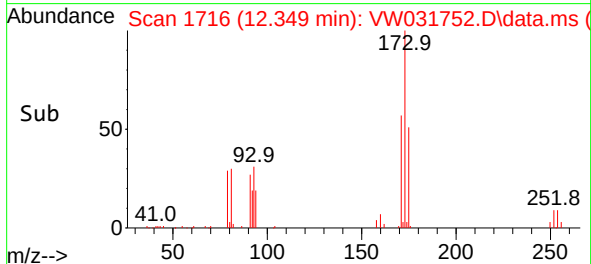
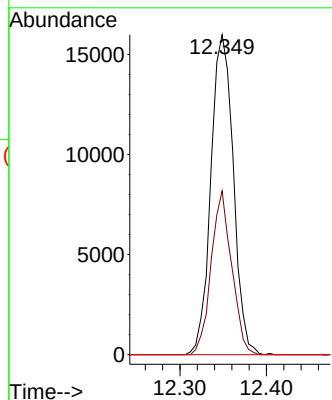
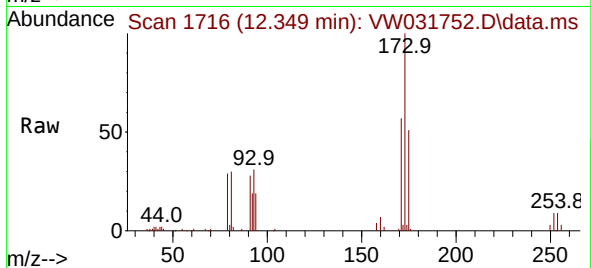
Tgt Ion:173 Resp: 28769

Ion Ratio Lower Upper

173 100

175 46.8 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

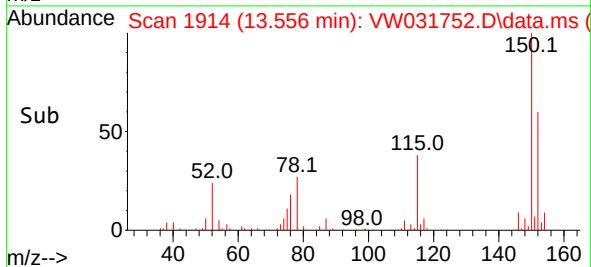
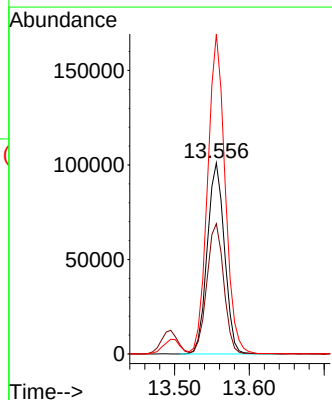
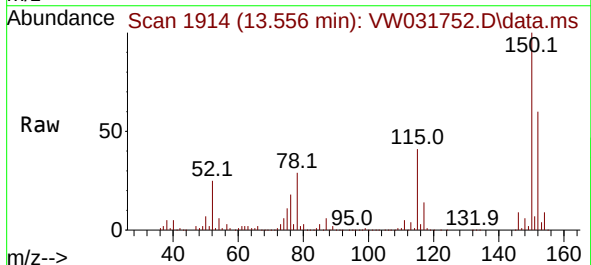
Tgt Ion:152 Resp: 161398

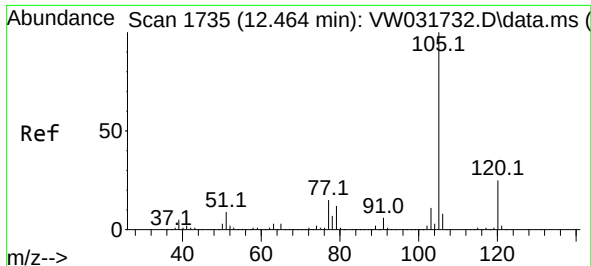
Ion Ratio Lower Upper

152 100

115 67.3 31.9 95.7

150 170.1 0.0 356.4

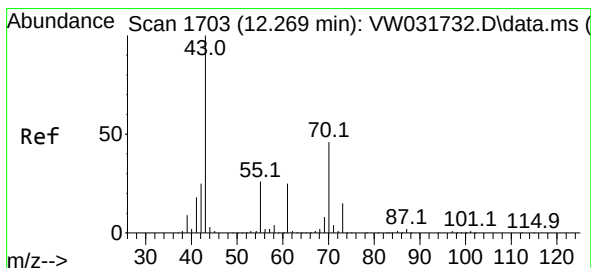
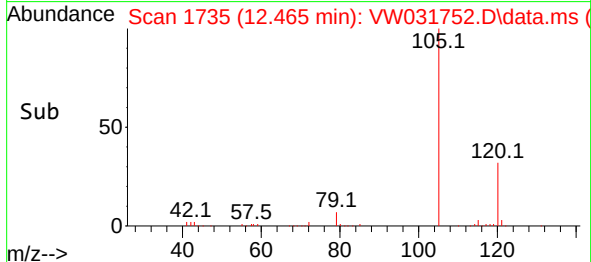
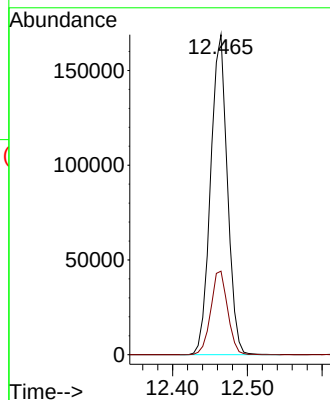
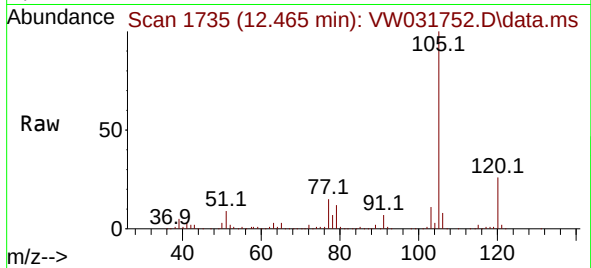




#73
Isopropylbenzene
Concen: 21.427 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

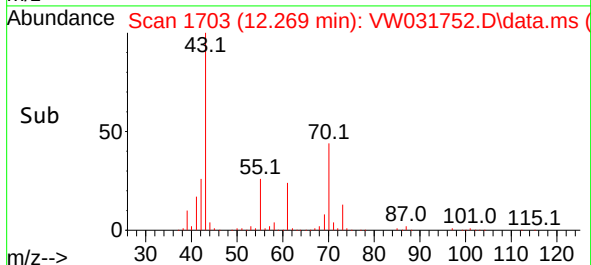
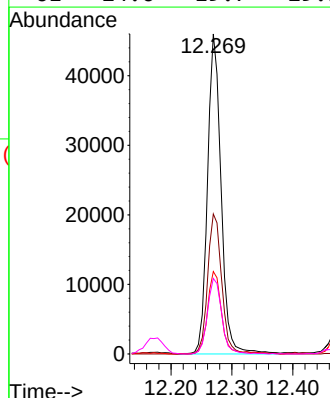
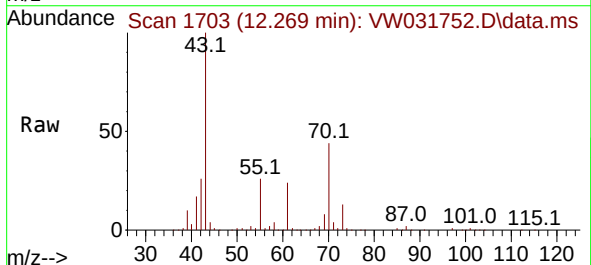
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

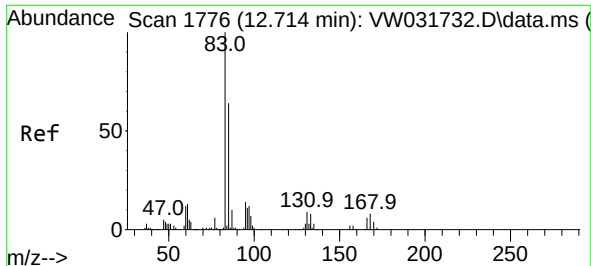
Tgt Ion:105 Resp: 263051
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4



#74
N-ethyl acetate
Concen: 21.568 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 43 Resp: 71369
Ion Ratio Lower Upper
43 100
70 45.4 36.0 54.0
55 26.8 20.8 31.2
61 24.6 19.7 29.5

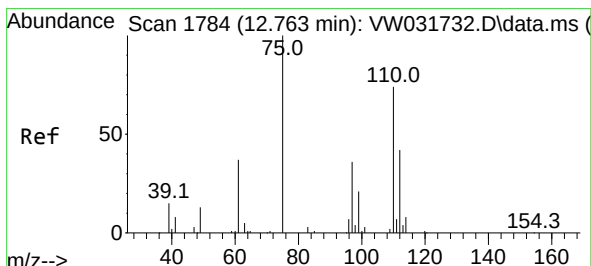
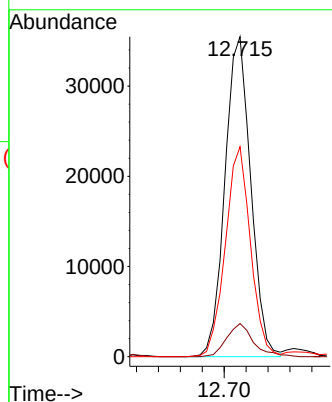
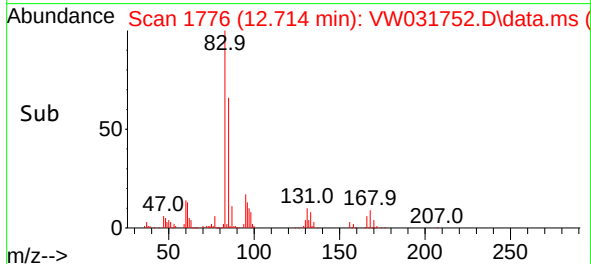
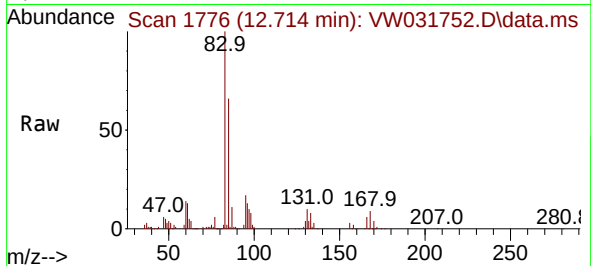




#75
1,1,2,2-Tetrachloroethane
Concen: 21.267 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

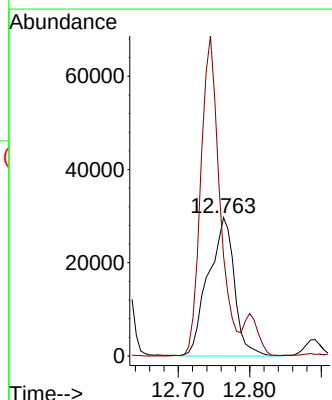
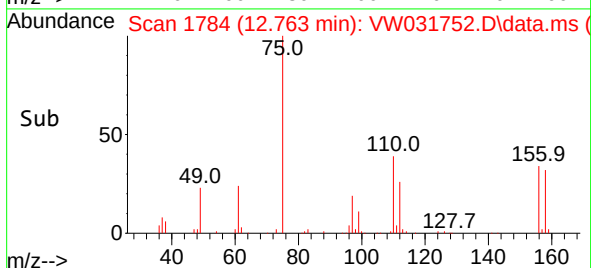
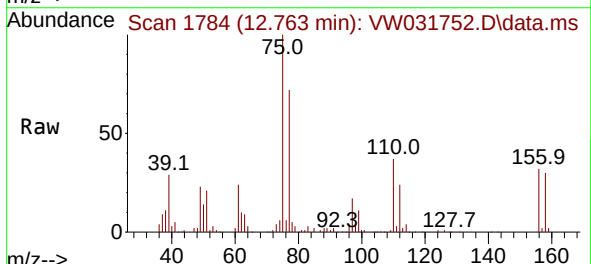
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

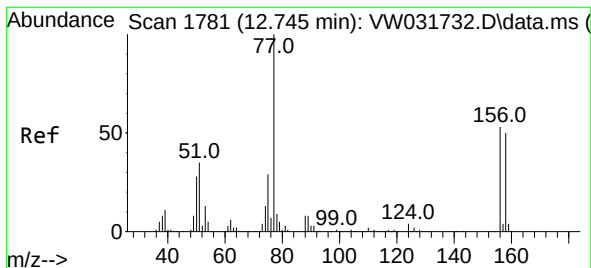
Tgt Ion: 83 Resp: 57966
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 36.086 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 75 Resp: 75266
Ion Ratio Lower Upper
75 100
77 170.1 141.2 423.6





#77

Bromobenzene

Concen: 22.138 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBSD01

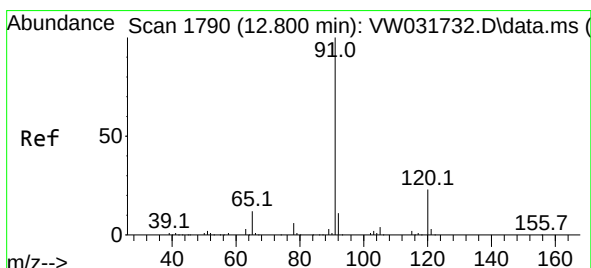
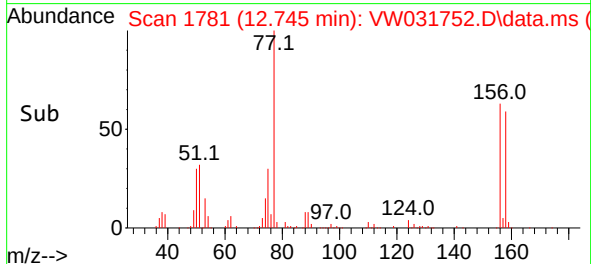
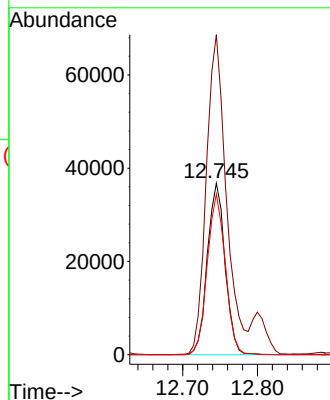
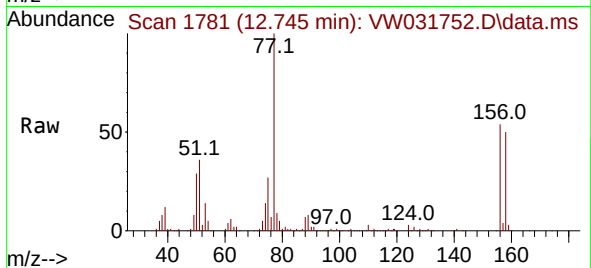
Tgt Ion:156 Resp: 60618

Ion Ratio Lower Upper

156 100

77 211.2 117.9 353.7

158 95.3 52.6 157.8



#78

n-propylbenzene

Concen: 22.028 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031752.D

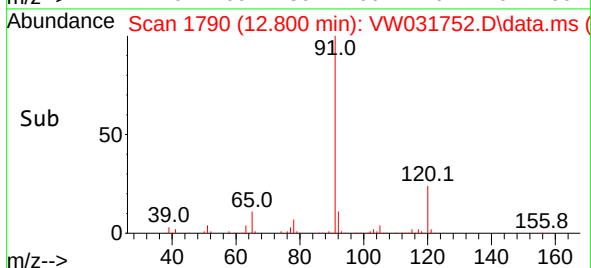
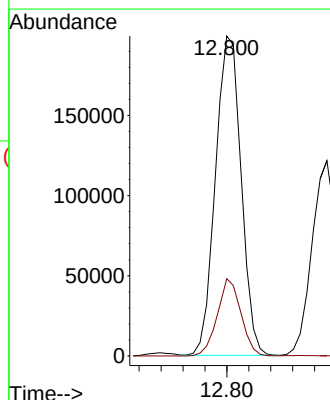
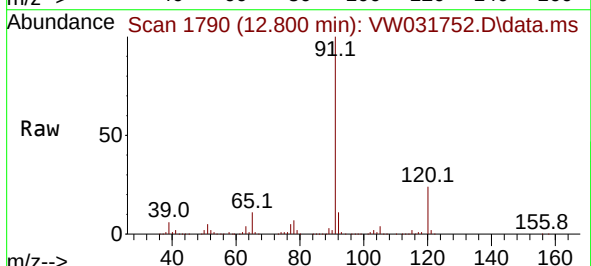
Acq: 02 Jul 2025 11:38

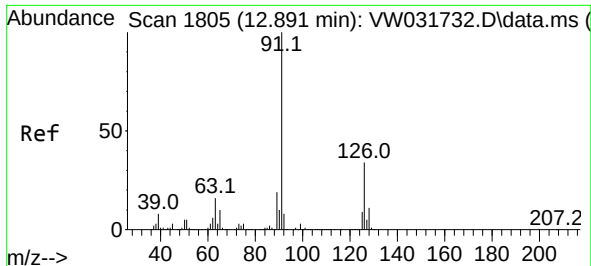
Tgt Ion: 91 Resp: 323831

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

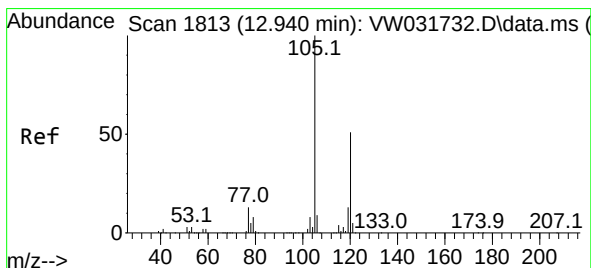
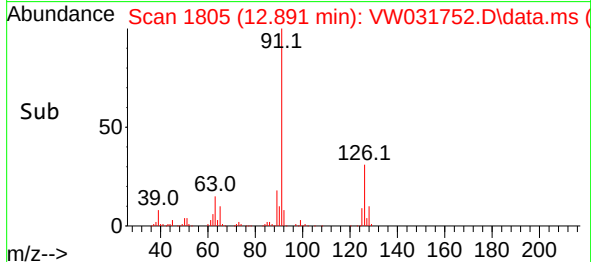
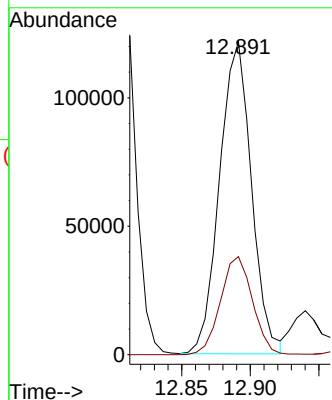
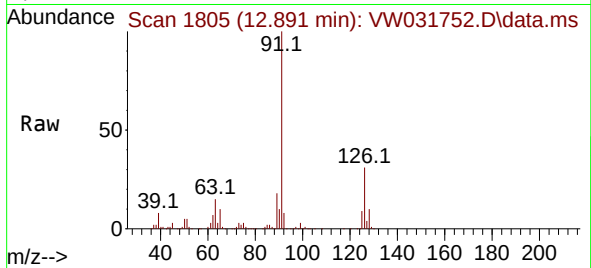




#79
2-Chlorotoluene
Concen: 22.238 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

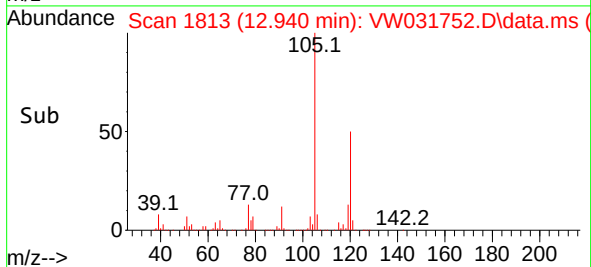
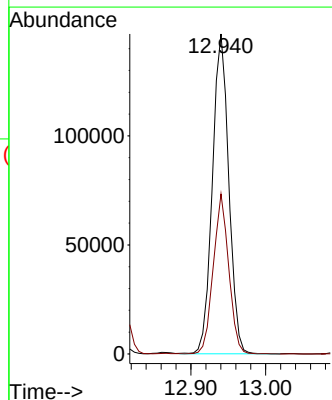
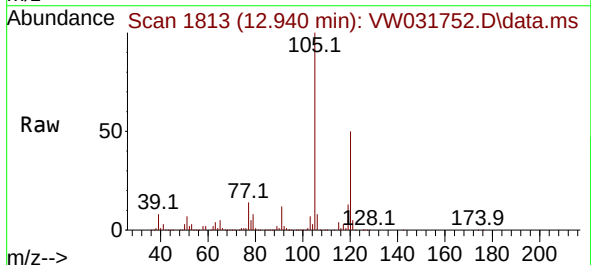
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

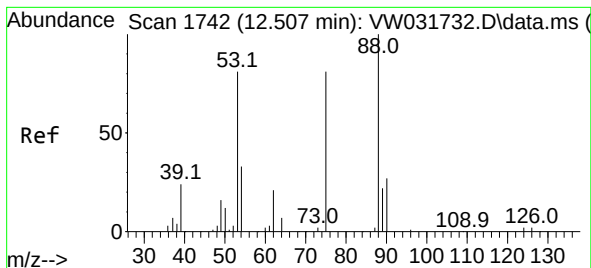
Tgt Ion: 91 Resp: 196866
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 22.041 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 105 Resp: 223986
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.2

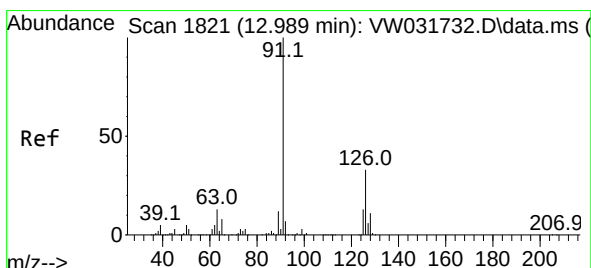
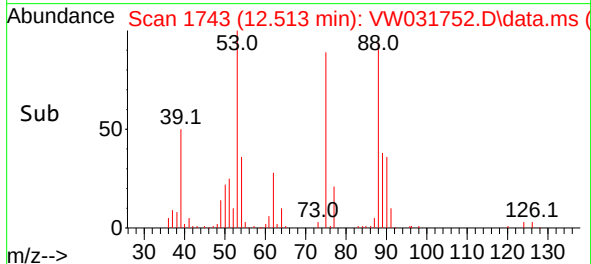
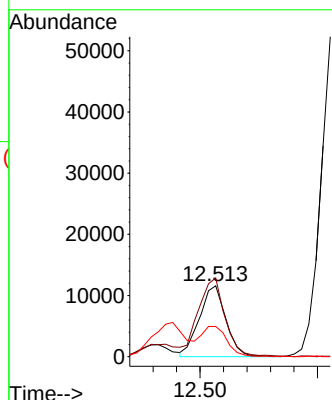
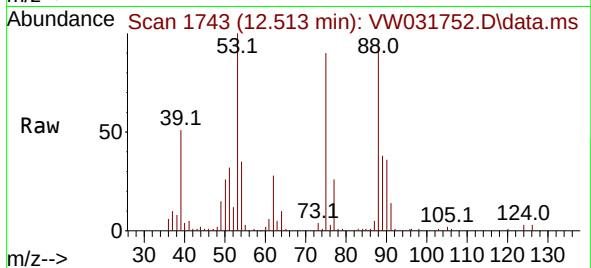




#81
trans-1,4-Dichloro-2-butene
Concen: 20.260 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

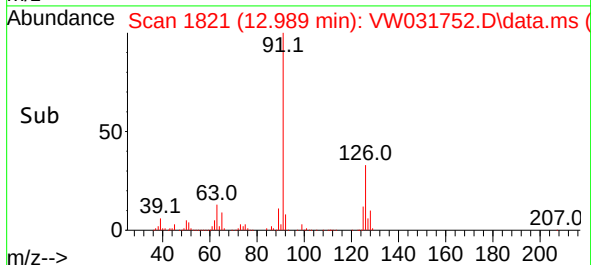
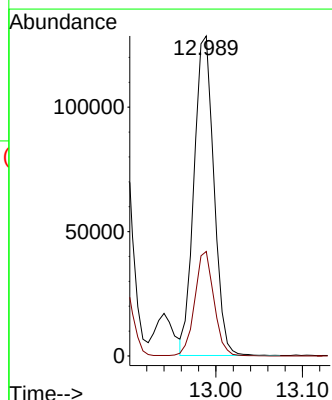
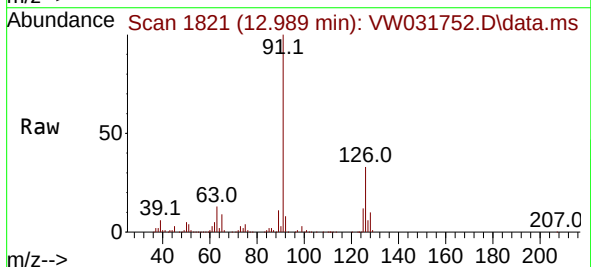
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

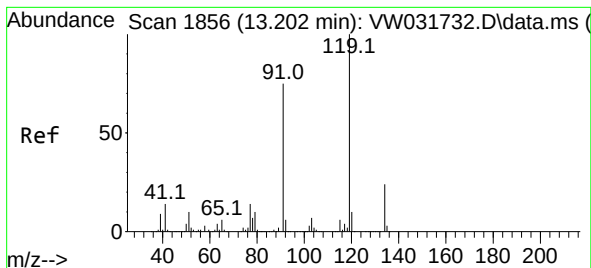
Tgt Ion: 75 Resp: 18142
Ion Ratio Lower Upper
75 100
53 113.2 83.5 125.3
89 41.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 21.984 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion: 91 Resp: 204321
Ion Ratio Lower Upper
91 100
126 31.8 16.0 47.9

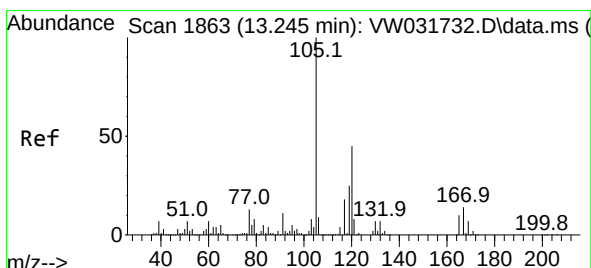
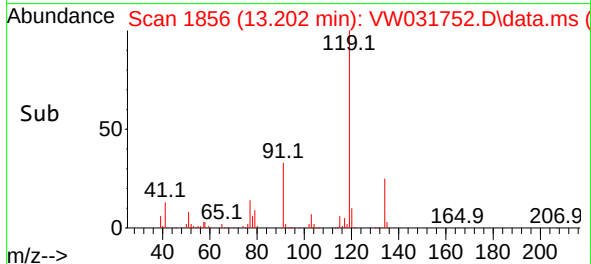
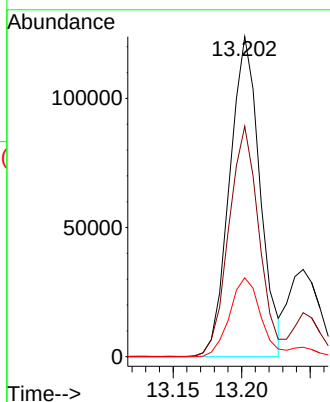
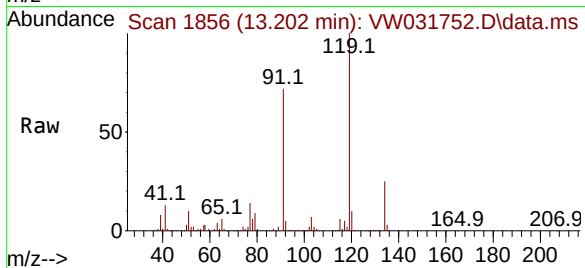




#83
tert-Butylbenzene
Concen: 21.945 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

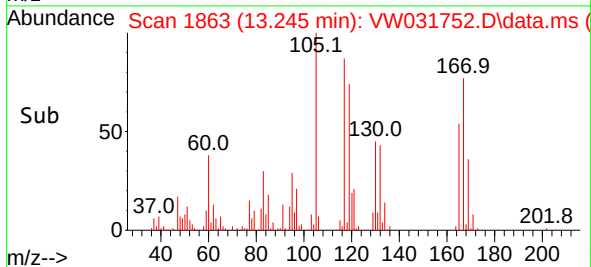
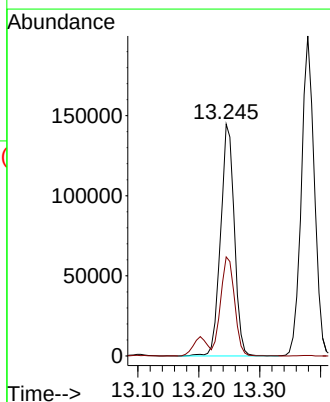
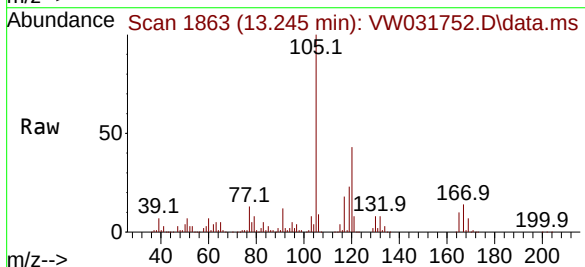
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

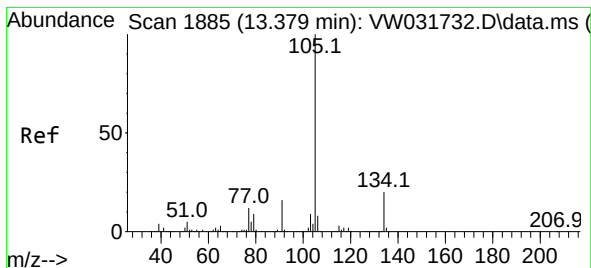
Tgt Ion:119 Resp: 191023
Ion Ratio Lower Upper
119 100
91 71.1 36.0 108.1
134 25.2 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 21.945 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:105 Resp: 225958
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1

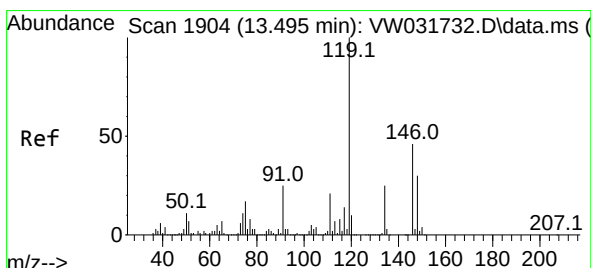
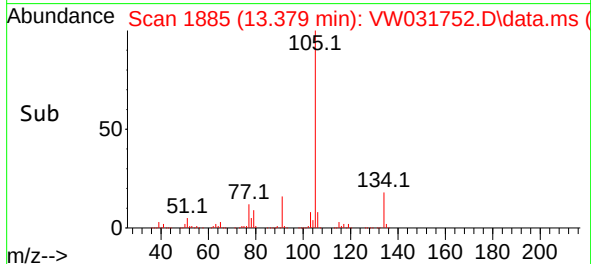
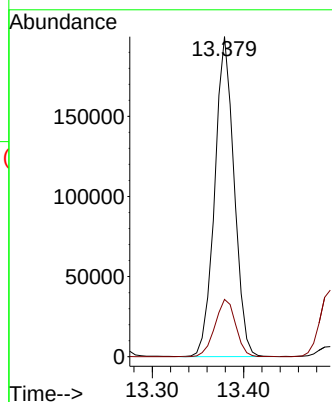
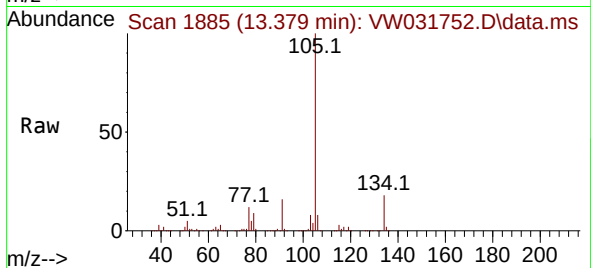




#85
sec-Butylbenzene
Concen: 22.520 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

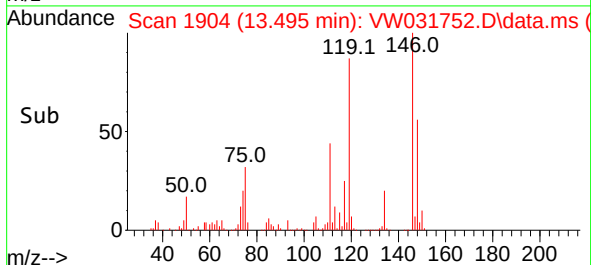
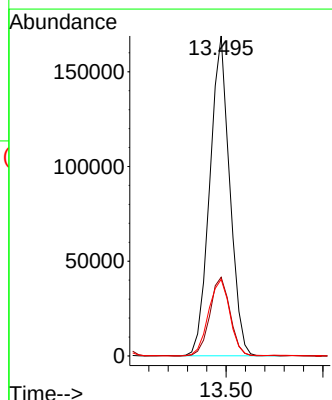
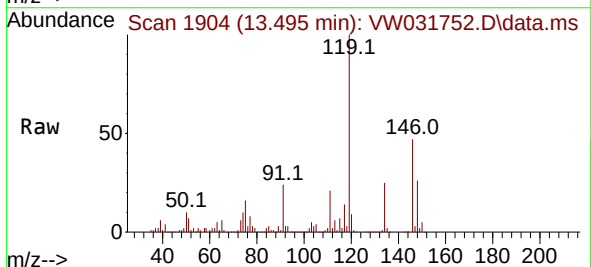
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBSD01

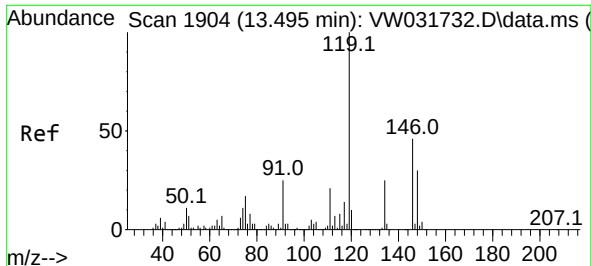
Tgt Ion:105 Resp: 294232
Ion Ratio Lower Upper
105 100
134 19.2 9.6 28.8



#86
p-Isopropyltoluene
Concen: 22.432 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031752.D
Acq: 02 Jul 2025 11:38

Tgt Ion:119 Resp: 241550
Ion Ratio Lower Upper
119 100
134 25.0 12.9 38.7
91 25.5 12.7 38.0

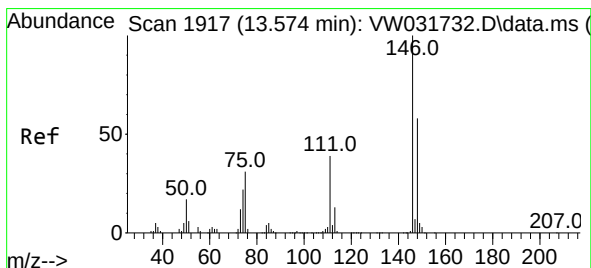
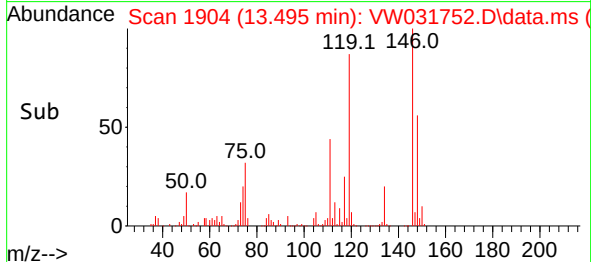
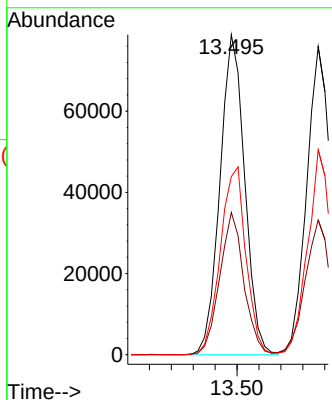
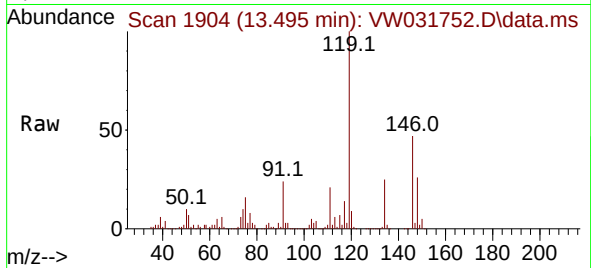




#87
 1,3-Dichlorobenzene
 Concen: 22.523 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

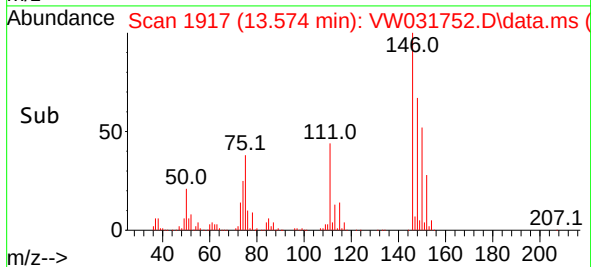
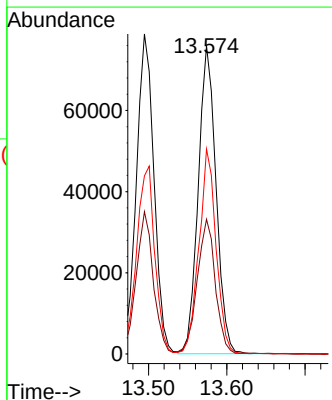
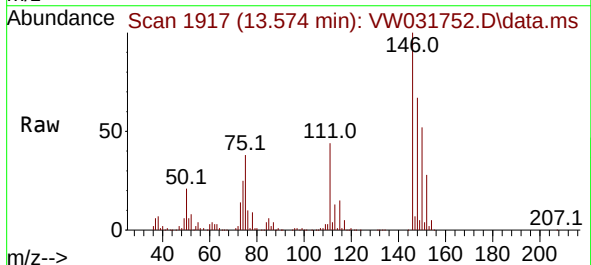
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBSD01

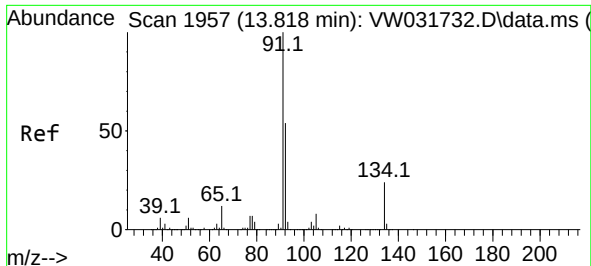
Tgt Ion:146 Resp: 123681
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.3 66.9
 148 60.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.329 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031752.D
 Acq: 02 Jul 2025 11:38

Tgt Ion:146 Resp: 119877
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.4 61.3
 148 64.3 30.2 90.6





#89

n-Butylbenzene

Concen: 22.143 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBSD01

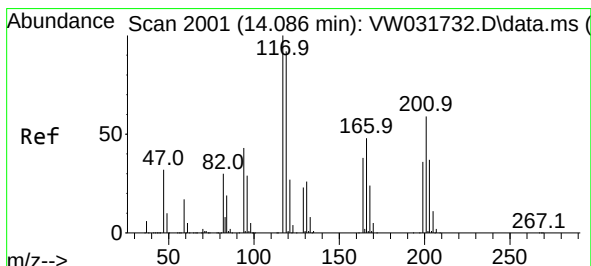
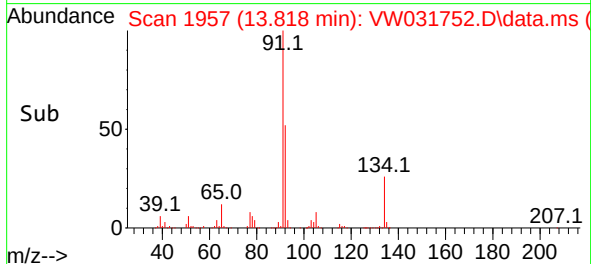
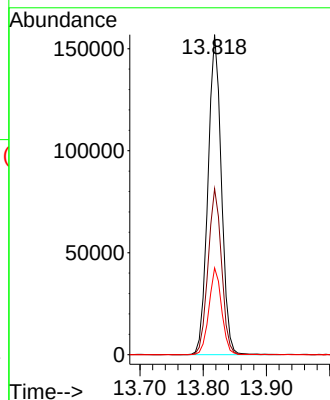
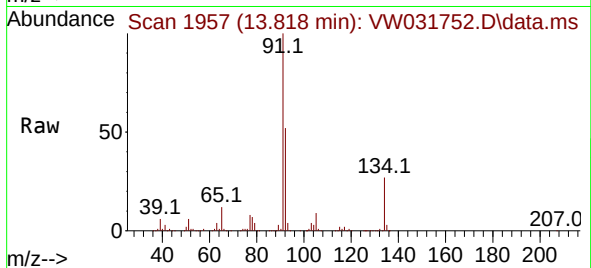
Tgt Ion: 91 Resp: 231659

Ion Ratio Lower Upper

91 100

92 52.1 27.2 81.5

134 25.6 12.2 36.6



#90

Hexachloroethane

Concen: 20.588 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031752.D

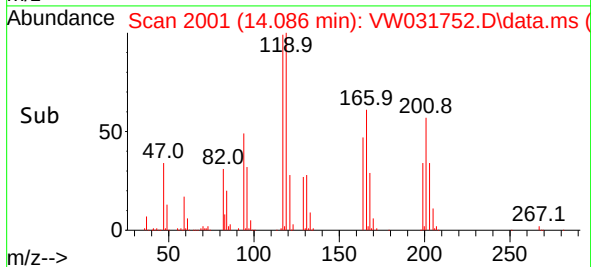
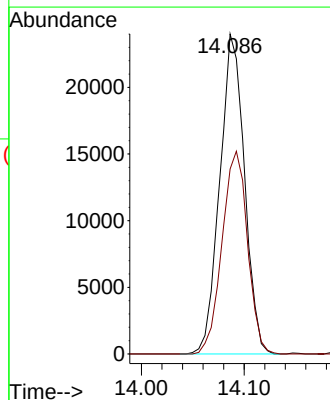
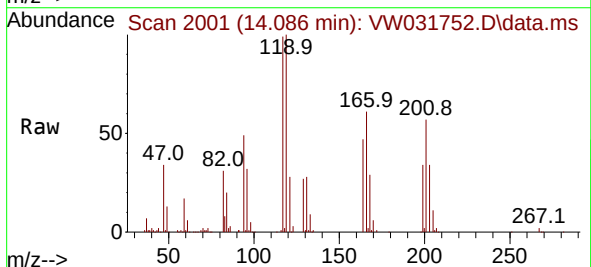
Acq: 02 Jul 2025 11:38

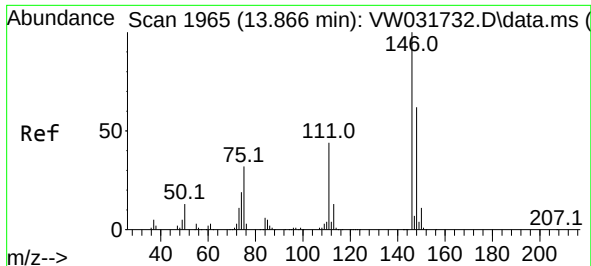
Tgt Ion: 117 Resp: 39995

Ion Ratio Lower Upper

117 100

201 65.4 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 21.577 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

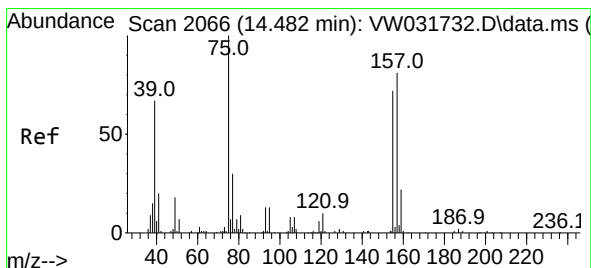
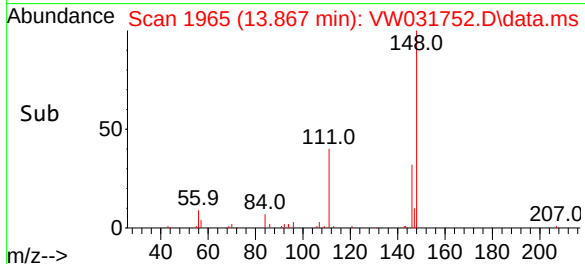
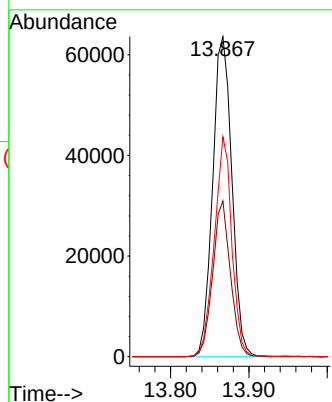
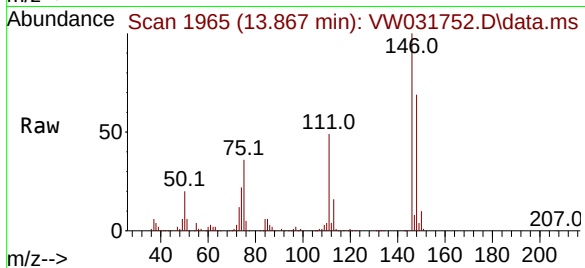
Tgt Ion:146 Resp: 108295

Ion Ratio Lower Upper

146 100

111 45.0 21.7 65.1

148 62.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.051 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

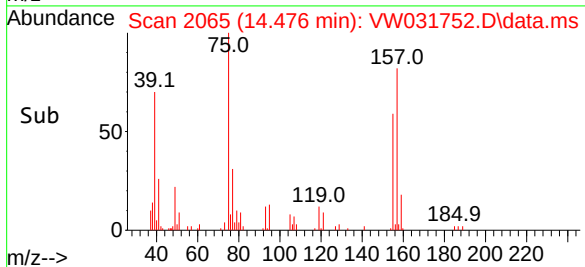
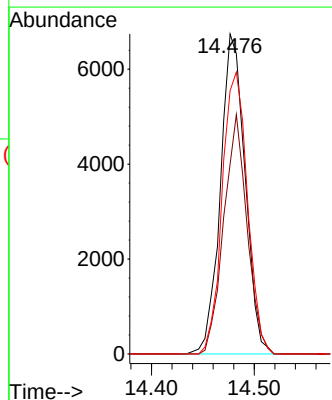
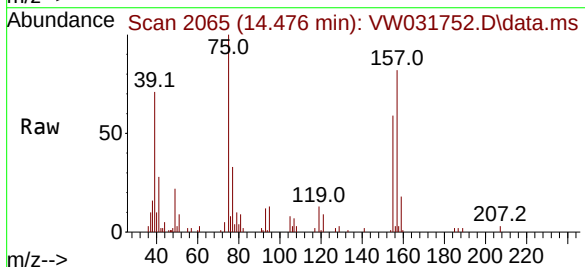
Tgt Ion: 75 Resp: 11203

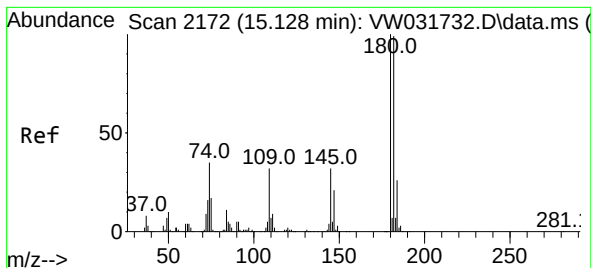
Ion Ratio Lower Upper

75 100

155 71.0 37.2 111.6

157 90.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.581 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBSD01

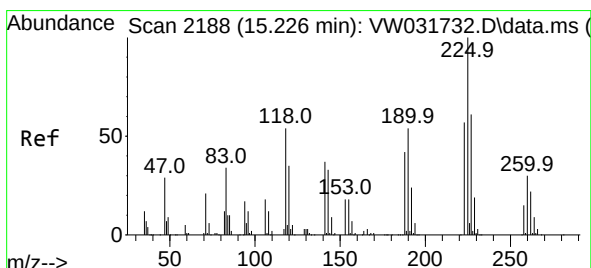
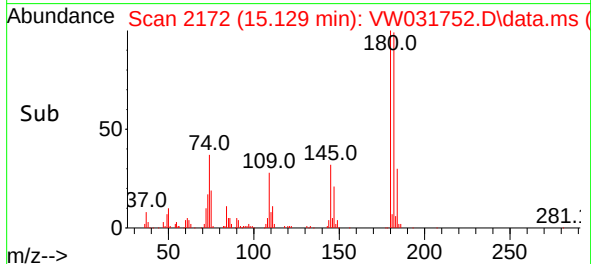
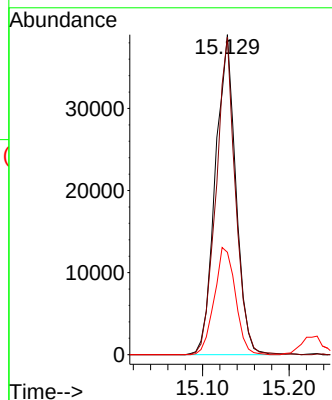
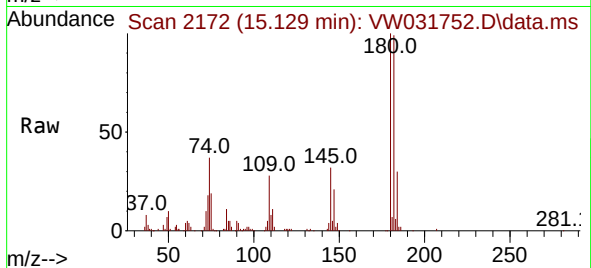
Tgt Ion:180 Resp: 63704

Ion Ratio Lower Upper

180 100

182 94.3 48.6 145.9

145 34.7 17.3 51.7



#94

Hexachlorobutadiene

Concen: 22.086 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

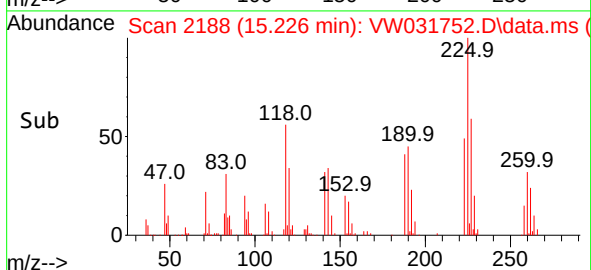
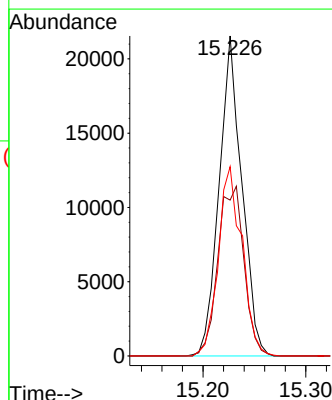
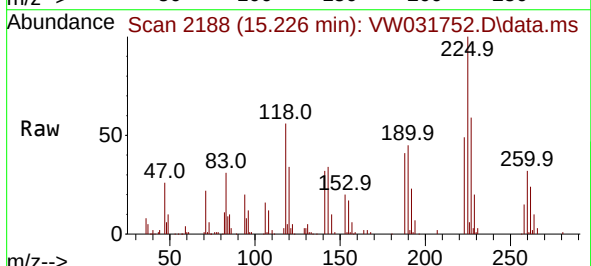
Tgt Ion:225 Resp: 33011

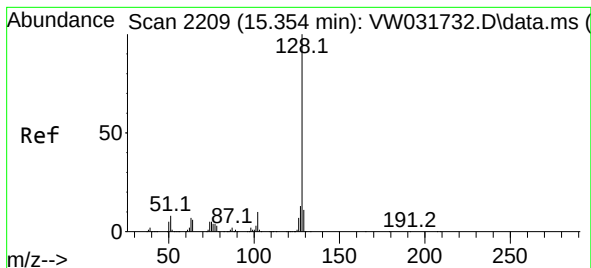
Ion Ratio Lower Upper

225 100

223 60.9 32.6 97.8

227 61.7 37.3 111.8





#95

Naphthalene

Concen: 21.273 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBSD01

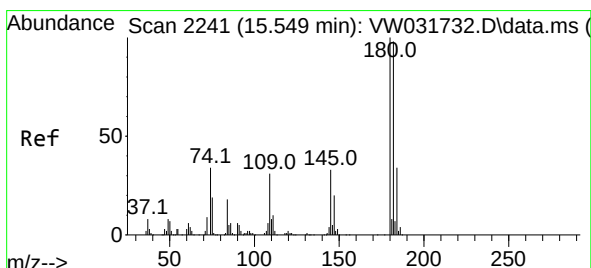
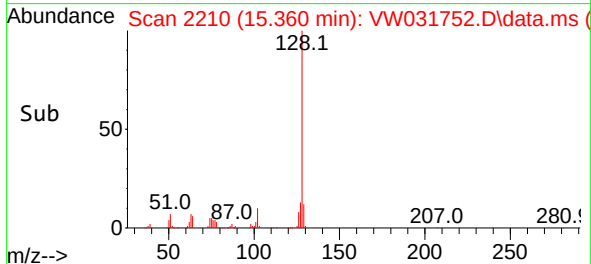
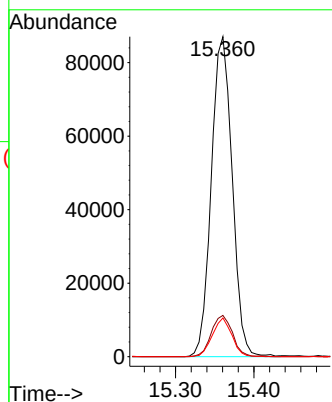
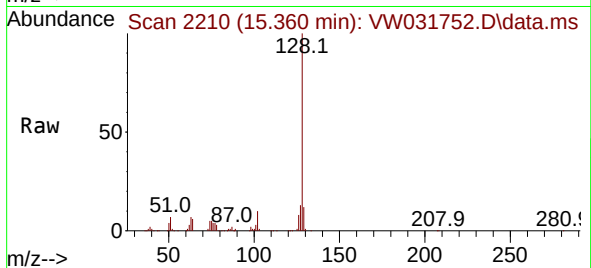
Tgt Ion:128 Resp: 161430

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.234 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031752.D

Acq: 02 Jul 2025 11:38

Tgt Ion:180 Resp: 60392

Ion Ratio Lower Upper

180 100

182 94.3 46.4 139.1

145 35.7 17.8 53.3

