

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023307.D
 Acq On : 08 Sep 2025 11:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 09 01:45:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	553685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	826995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	743780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	461345	94.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.640%#	
35) Dibromofluoromethane	7.640	113	495539	98.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.060%#	
50) Toluene-d8	10.109	98	1910809	100.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 200.200%#	
62) 4-Bromofluorobenzene	12.408	95	617410	102.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 205.560%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	382082	86.015	ug/l	98
3) Chloromethane	2.074	50	561245	88.297	ug/l	99
4) Vinyl Chloride	2.208	62	723153	90.307	ug/l	100
5) Bromomethane	2.592	94	579932	88.695	ug/l	100
6) Chloroethane	2.739	64	494799	91.308	ug/l	100
7) Trichlorofluoromethane	3.062	101	934000	92.412	ug/l	99
8) Diethyl Ether	3.458	74	258412	96.629	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	494209	90.925	ug/l	100
10) Methyl Iodide	4.007	142	643747	101.529	ug/l	100
11) Tert butyl alcohol	4.866	59	135775	482.971	ug/l	100
12) 1,1-Dichloroethene	3.793	96	493492	94.380	ug/l	100
13) Acrolein	3.653	56	223324	469.893	ug/l	99
14) Allyl chloride	4.391	41	640560	96.978	ug/l	99
15) Acrylonitrile	5.061	53	514238	488.464	ug/l	99
16) Acetone	3.873	43	528497	476.882	ug/l	98
17) Carbon Disulfide	4.110	76	1531125	92.491	ug/l	100
18) Methyl Acetate	4.391	43	259861	95.590	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	1241732	100.999	ug/l	99
20) Methylene Chloride	4.622	84	528916	89.205	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	559879	95.834	ug/l	96
22) Diisopropyl ether	6.025	45	1461997	99.387	ug/l	96
23) Vinyl Acetate	5.964	43	4152649	510.640	ug/l	100
24) 1,1-Dichloroethane	5.921	63	911486	94.736	ug/l	99
25) 2-Butanone	6.896	43	679450	498.135	ug/l	100
26) 2,2-Dichloropropane	6.890	77	808657	95.188	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	652984	98.700	ug/l	99
28) Bromochloromethane	7.250	49	351551	92.859	ug/l	99
29) Tetrahydrofuran	7.268	42	407987	504.285	ug/l	98
30) Chloroform	7.427	83	972361	94.058	ug/l	99
31) Cyclohexane	7.707	56	786969	92.432	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	869647	94.157	ug/l	99
36) 1,1-Dichloropropene	7.841	75	695673	96.623	ug/l	100
37) Ethyl Acetate	6.988	43	281747	98.372	ug/l	99
38) Carbon Tetrachloride	7.823	117	799538	96.509	ug/l	99
39) Methylcyclohexane	9.109	83	945012	102.597	ug/l	98
40) Benzene	8.085	78	2180599	97.437	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	153155	96.246	ug/l #	91
42) 1,2-Dichloroethane	8.164	62	545257	95.696	ug/l	100
43) Isopropyl Acetate	8.201	43	568502	102.054	ug/l #	86
44) Trichloroethene	8.866	130	610328	97.912	ug/l	97
45) 1,2-Dichloropropane	9.146	63	491687	97.282	ug/l	96
46) Dibromomethane	9.231	93	300046	97.481	ug/l	99
47) Bromodichloromethane	9.426	83	749153	96.746	ug/l	100
48) Methyl methacrylate	9.225	41	276846	106.622	ug/l	97
49) 1,4-Dioxane	9.231	88	64620	2068.185	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	1497150	525.325	ug/l	100
52) Toluene	10.176	92	1453950	102.376	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	689594	103.437	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	812848	102.036	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	402746	98.366	ug/l	99
56) Ethyl methacrylate	10.438	69	532603	112.279	ug/l	99
57) 1,3-Dichloropropane	10.719	76	656574	98.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1211508	585.990	ug/l	99
59) 2-Hexanone	10.762	43	1053914	534.935	ug/l	100
60) Dibromochloromethane	10.914	129	551888	99.344	ug/l	100
61) 1,2-Dibromoethane	11.018	107	381843	99.524	ug/l	99
64) Tetrachloroethene	10.646	164	702212	94.727	ug/l	98
65) Chlorobenzene	11.444	112	1608611	98.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	554017	96.868	ug/l	100
67) Ethyl Benzene	11.518	91	2749443	103.285	ug/l	100
68) m/p-Xylenes	11.627	106	2187870	205.254	ug/l	99
69) o-Xylene	11.956	106	1039517	105.347	ug/l	99
70) Styrene	11.969	104	1743947	106.638	ug/l	100
71) Bromoform	12.133	173	339741	99.750	ug/l	99
73) Isopropylbenzene	12.255	105	2639661	102.909	ug/l	100
74) N-amyl acetate	12.072	43	523912	108.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	421897	98.004	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	574232	136.296	ug/l #	100
77) Bromobenzene	12.530	156	659078	100.573	ug/l	98
78) n-propylbenzene	12.597	91	3086544	102.095	ug/l	99
79) 2-Chlorotoluene	12.682	91	1752032	100.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	2145364	102.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	144370	102.096	ug/l	97
82) 4-Chlorotoluene	12.773	91	1810202	99.353	ug/l	100
83) tert-Butylbenzene	12.999	119	1956520	103.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	2139509	103.667	ug/l	99
85) sec-Butylbenzene	13.176	105	2823391	102.701	ug/l	100
86) p-Isopropyltoluene	13.292	119	2445488	105.309	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	1285942	99.166	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1243124	96.785	ug/l	99
89) n-Butylbenzene	13.615	91	2145204	104.163	ug/l	99
90) Hexachloroethane	13.877	117	482549	95.849	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1117264	98.817	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	66490	98.434	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	703475	106.666	ug/l	99
94) Hexachlorobutadiene	15.023	225	401356	98.427	ug/l	100
95) Naphthalene	15.145	128	1224801	115.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	598796	104.545	ug/l	99

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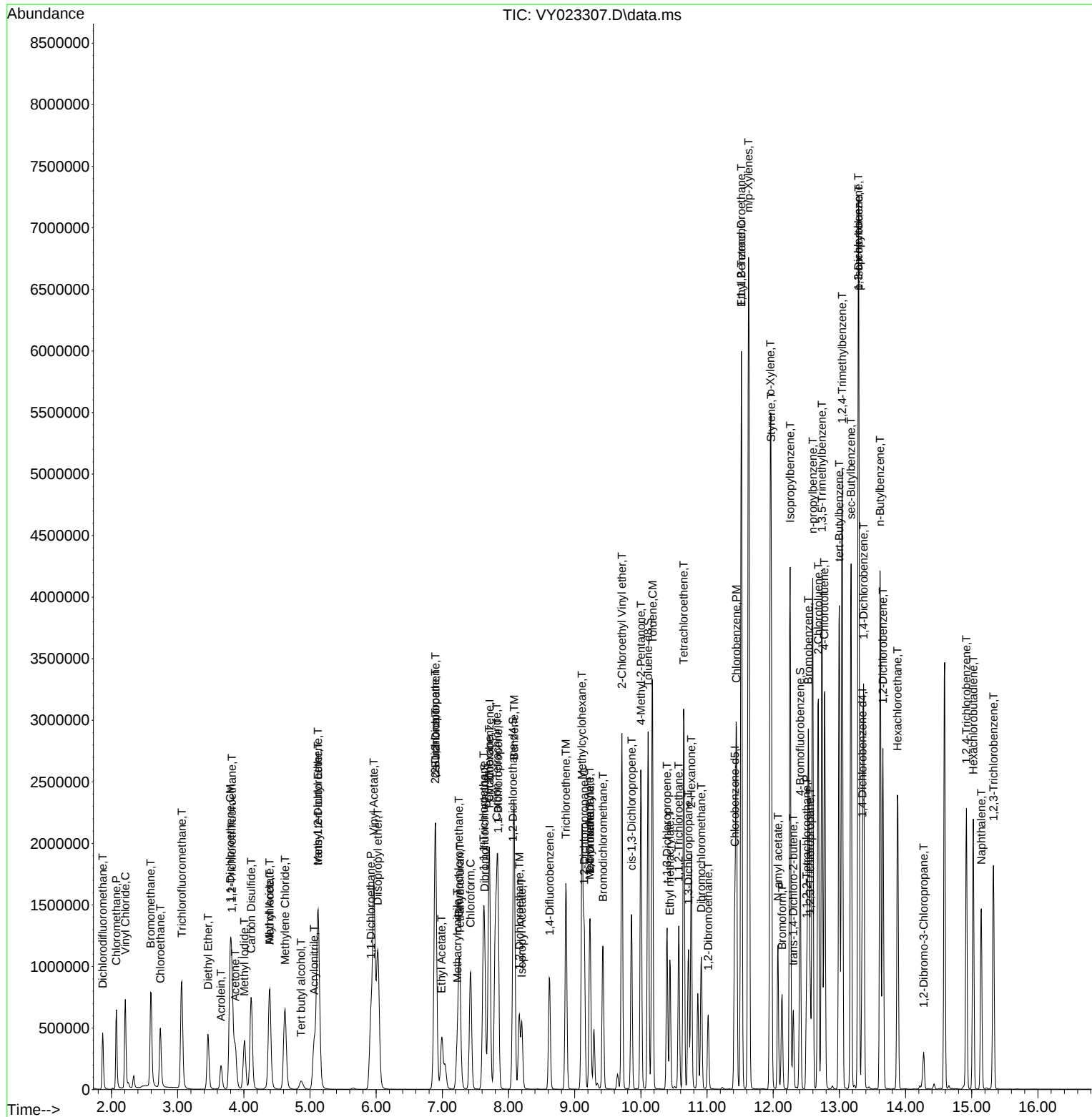
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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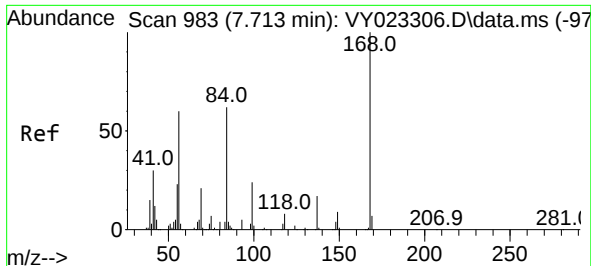
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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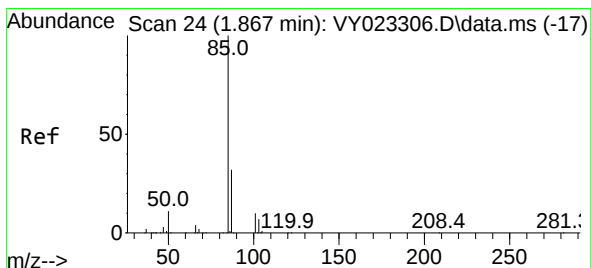
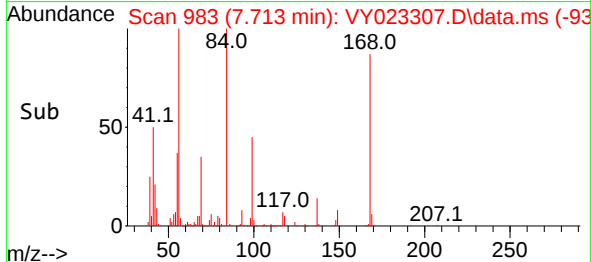
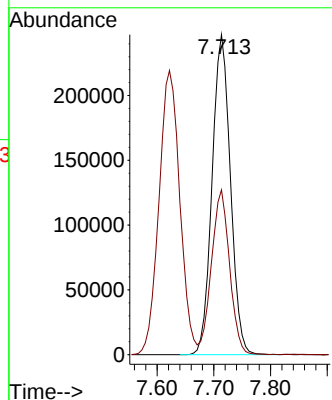
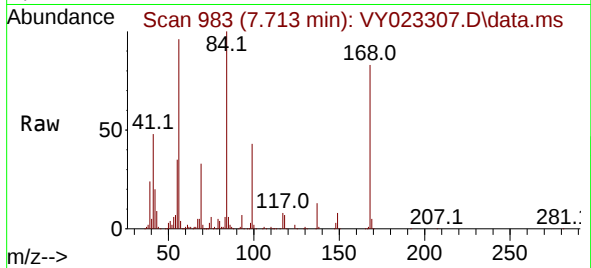




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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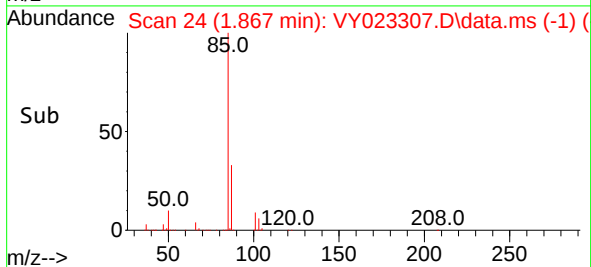
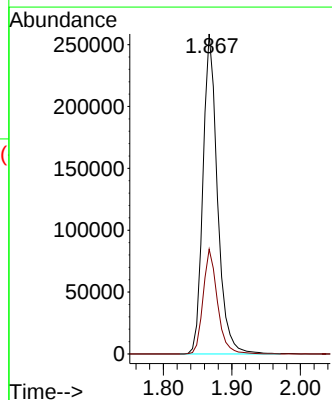
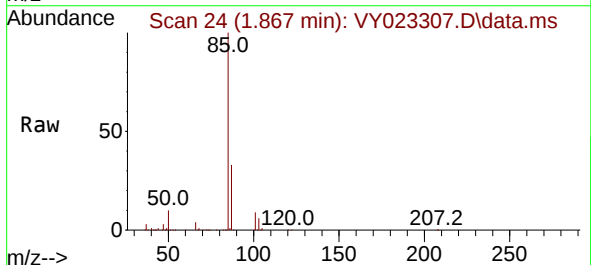
Instrument :
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ClientSampleId :
VSTDIC100

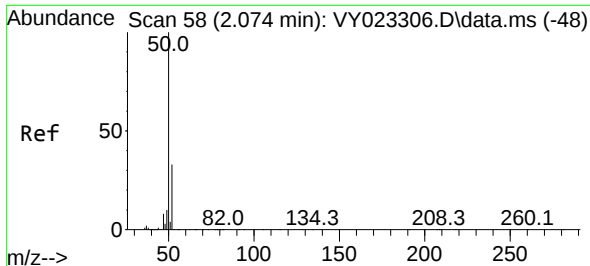
Tgt Ion:168 Resp: 553685
Ion Ratio Lower Upper
168 100
99 51.4 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 86.015 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 85 Resp: 382082
Ion Ratio Lower Upper
85 100
87 32.8 15.9 47.7

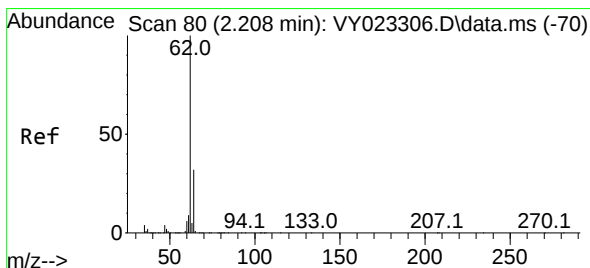
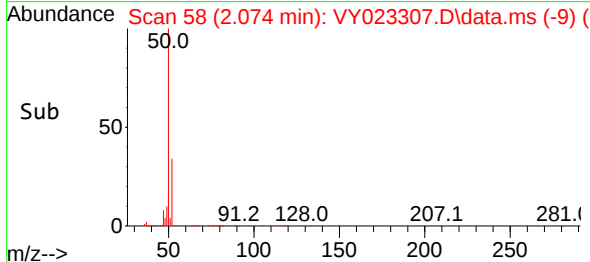
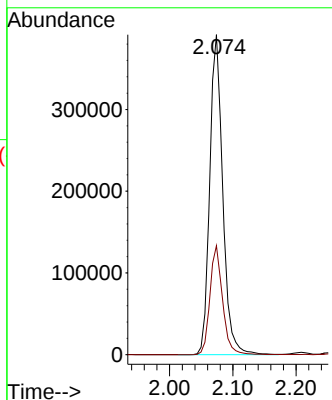
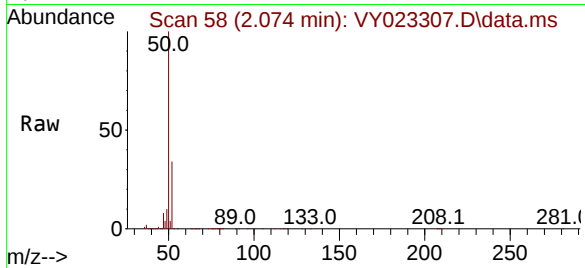




#3
Chloromethane
Concen: 88.297 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

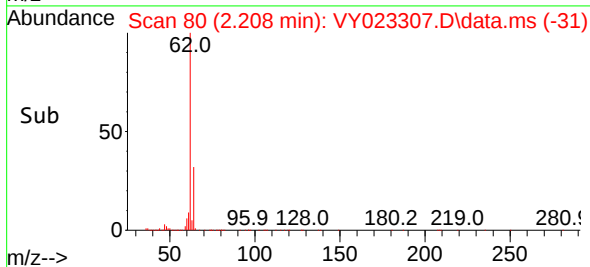
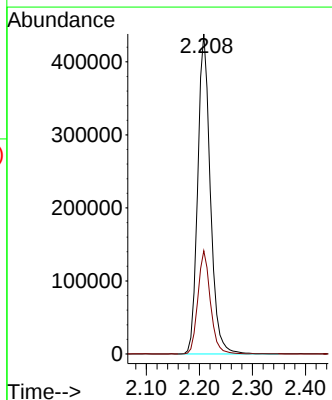
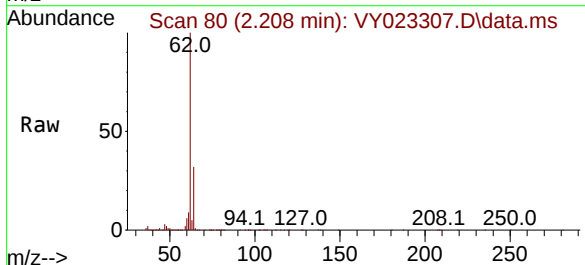
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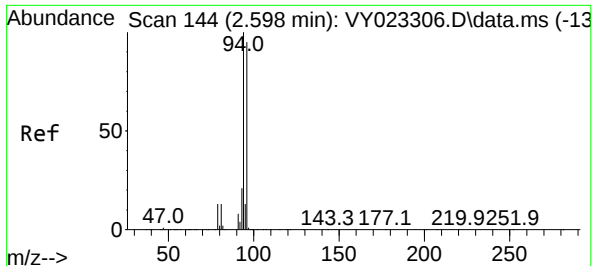
Tgt Ion: 50 Resp: 561245
Ion Ratio Lower Upper
50 100
52 34.0 26.6 39.8



#4
Vinyl Chloride
Concen: 90.307 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 62 Resp: 723153
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.8

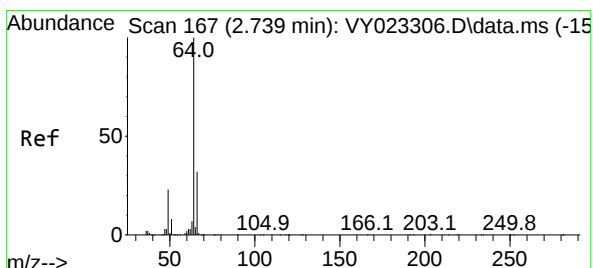
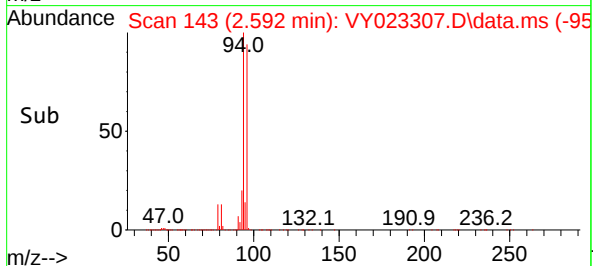
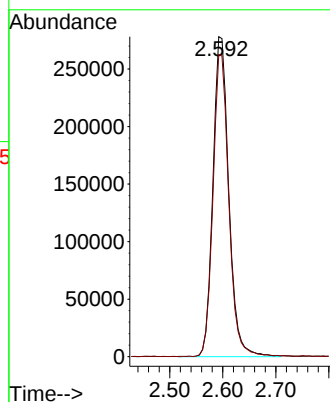
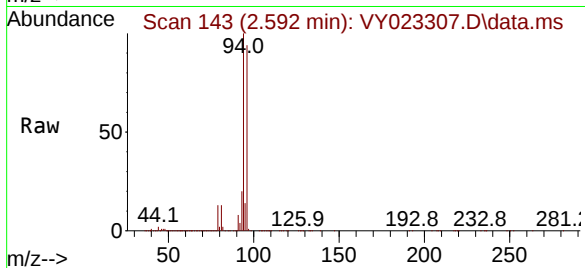




#5
Bromomethane
Concen: 88.695 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023307.D
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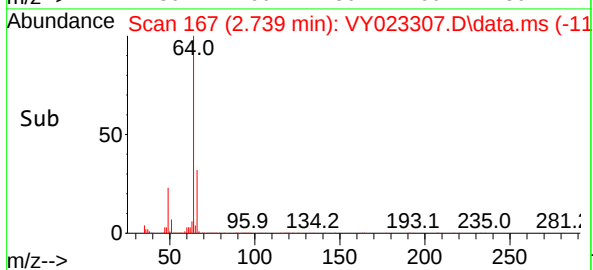
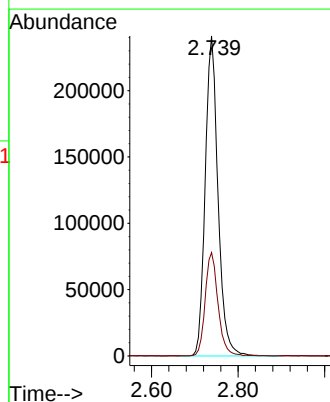
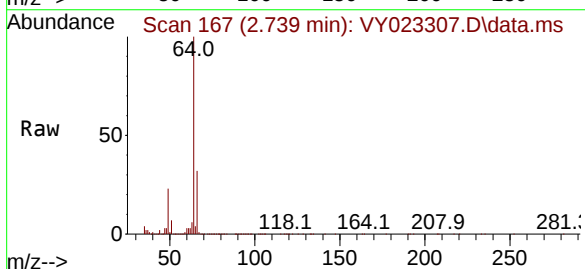
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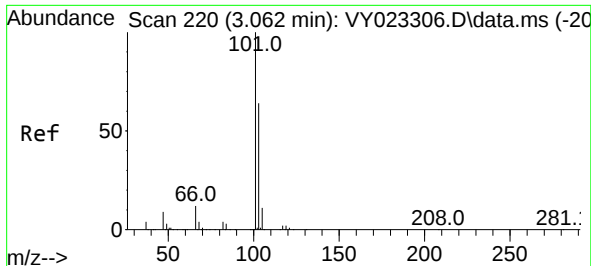
Tgt Ion: 94 Resp: 579932
Ion Ratio Lower Upper
94 100
96 94.3 75.7 113.5



#6
Chloroethane
Concen: 91.308 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 494799
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8

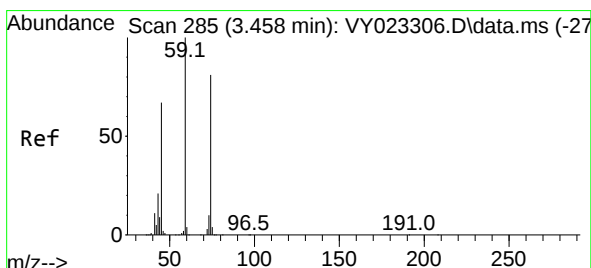
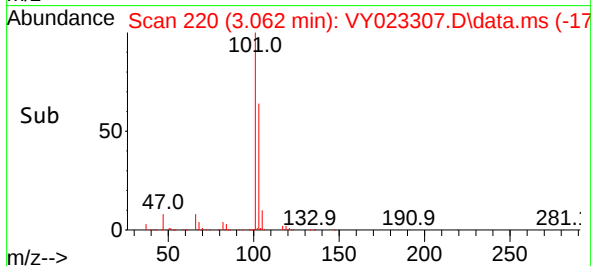
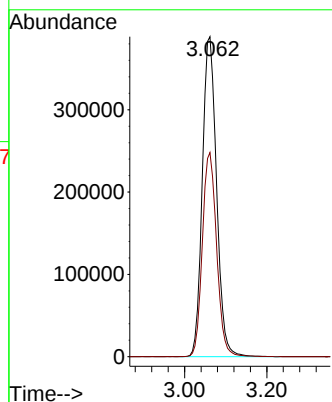
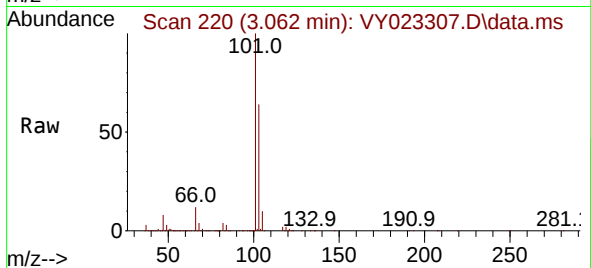




#7
 Trichlorofluoromethane
 Concen: 92.412 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

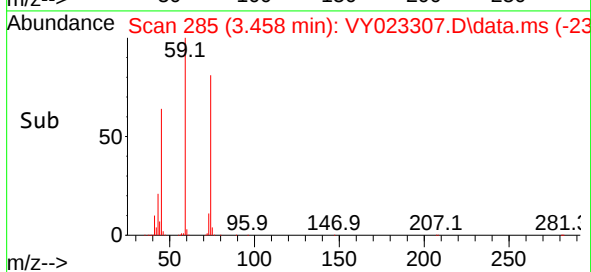
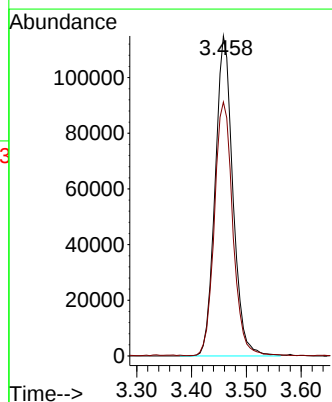
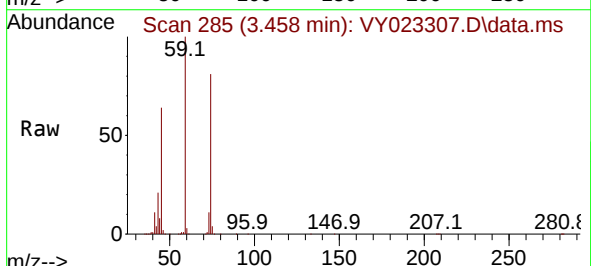
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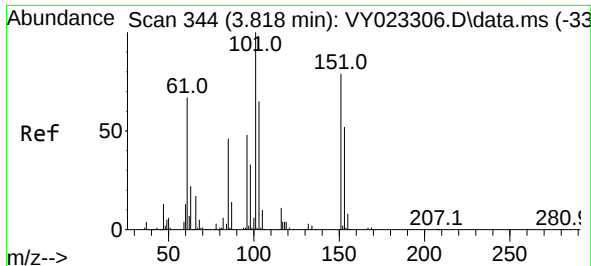
Tgt Ion:101 Resp: 934000
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 96.629 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 258412
 Ion Ratio Lower Upper
 74 100
 45 82.3 41.4 124.4

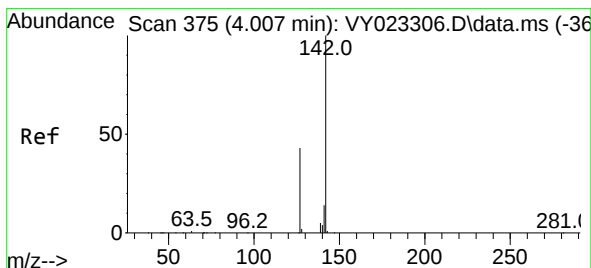
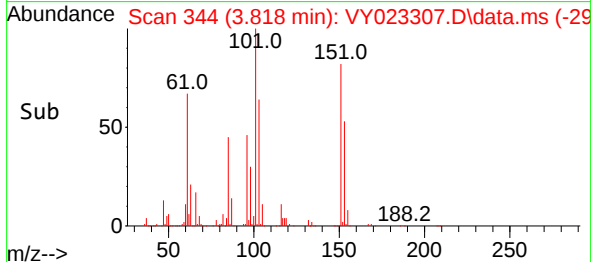
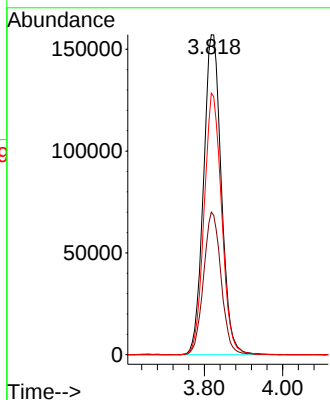
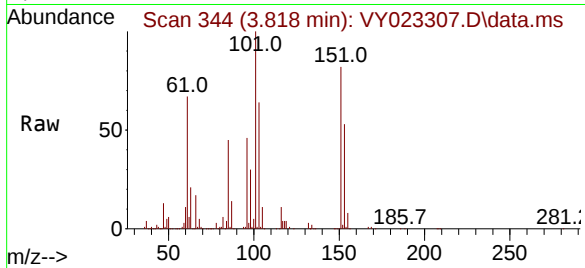




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.925 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

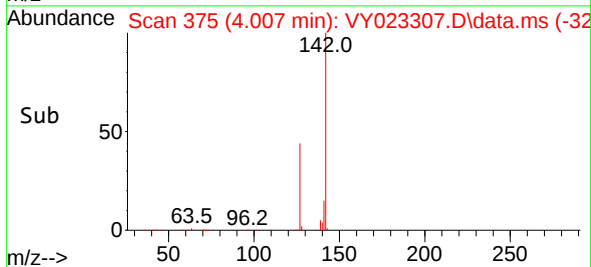
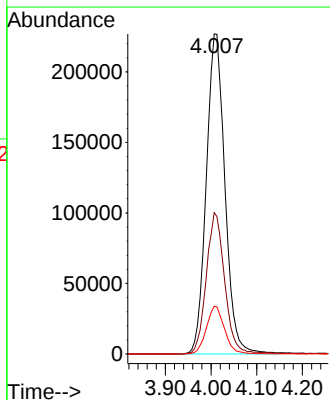
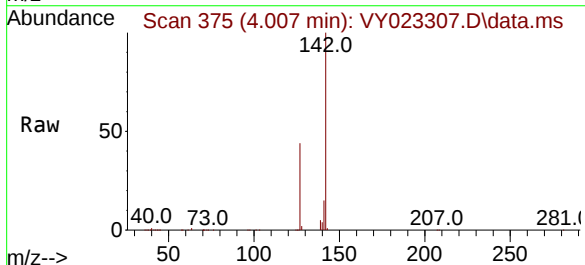
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

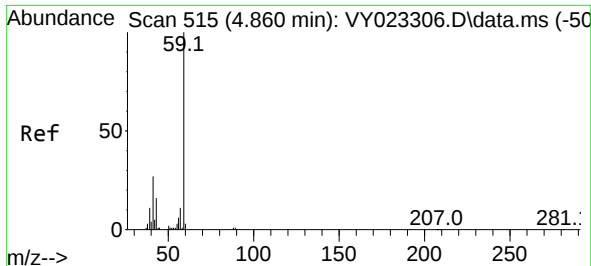
Tgt Ion:101 Resp: 494209
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 80.7 64.2 96.4



#10
Methyl Iodide
Concen: 101.529 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:142 Resp: 643747
Ion Ratio Lower Upper
142 100
127 43.5 35.0 52.6
141 14.5 11.4 17.2

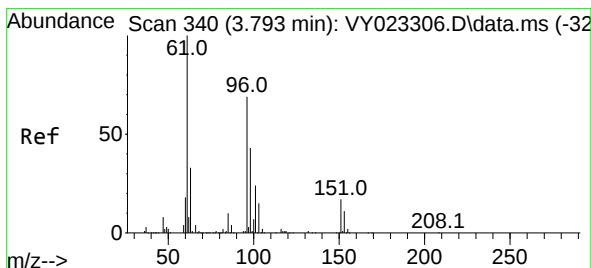
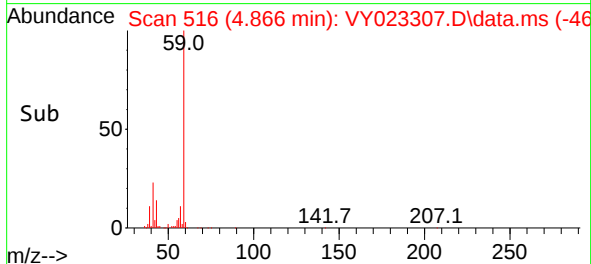
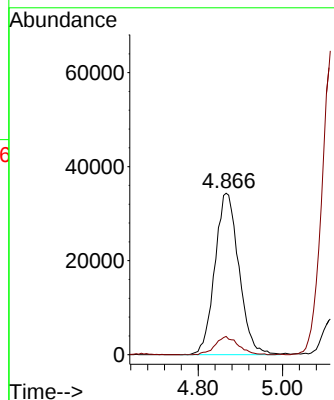
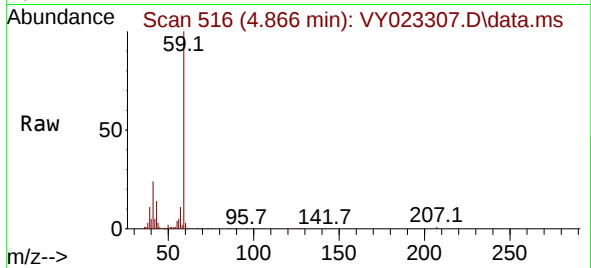




#11
Tert butyl alcohol
Concen: 482.971 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

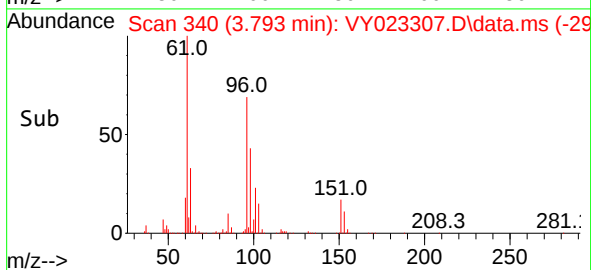
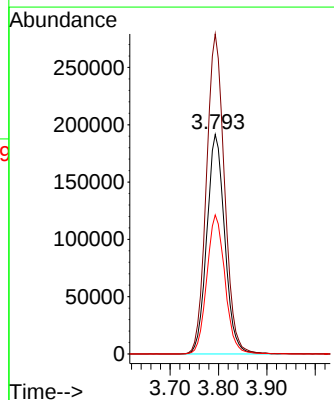
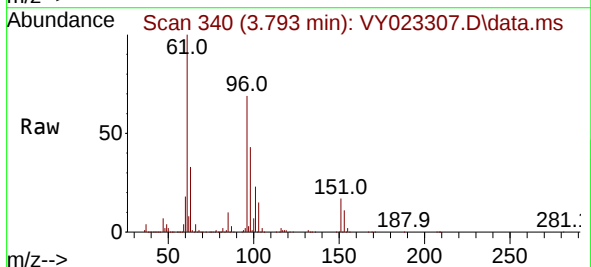
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

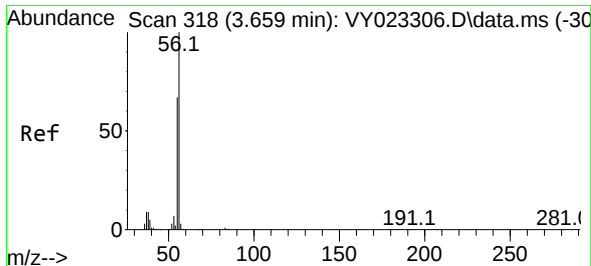
Tgt Ion: 59 Resp: 135775
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 94.380 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 96 Resp: 493492
Ion Ratio Lower Upper
96 100
61 145.7 116.6 174.8
98 63.3 50.5 75.7

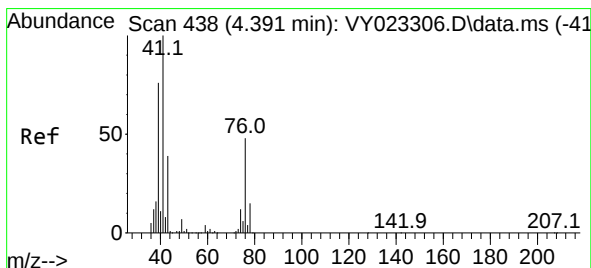
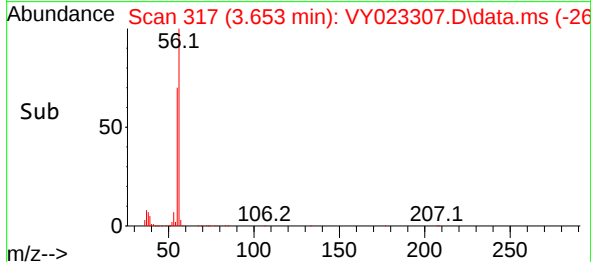
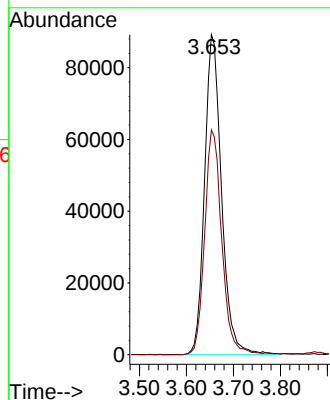
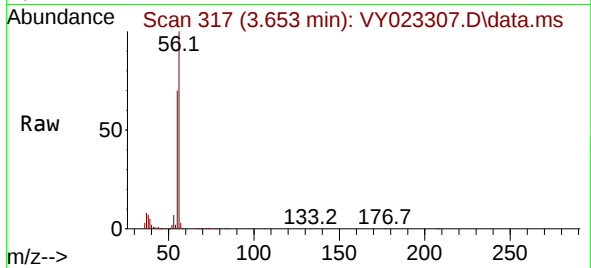




#13
Acrolein
Concen: 469.893 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

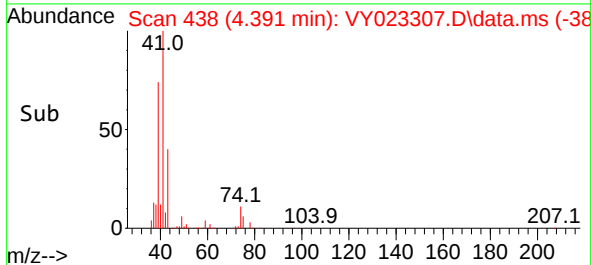
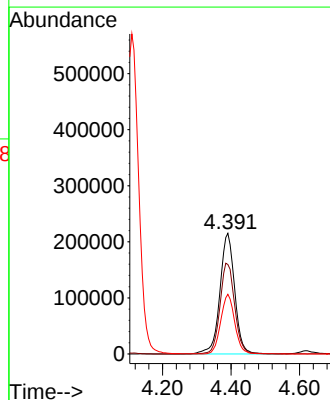
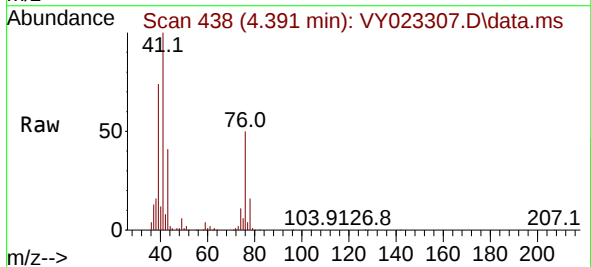
Instrument : MSVOA_Y
ClientSampleId : VSTDIC100

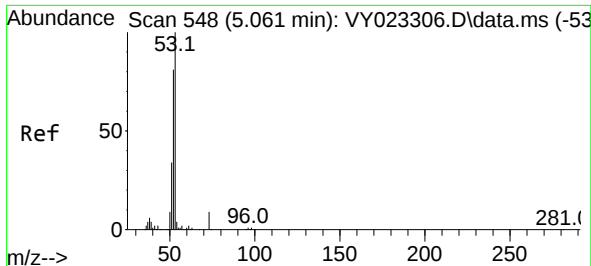
Tgt Ion: 56 Resp: 223324
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1



#14
Allyl chloride
Concen: 96.978 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 41 Resp: 640560
Ion Ratio Lower Upper
41 100
39 74.8 59.8 89.6
76 46.7 36.6 55.0

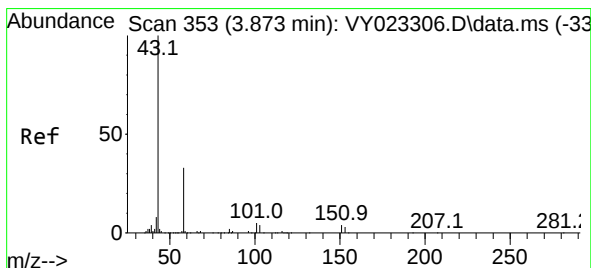
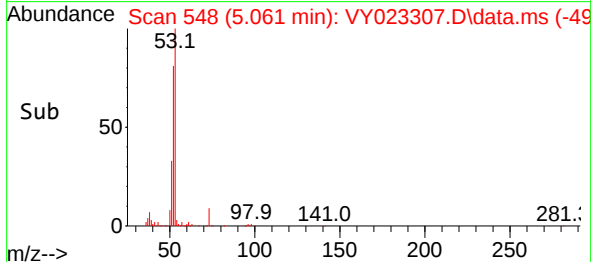
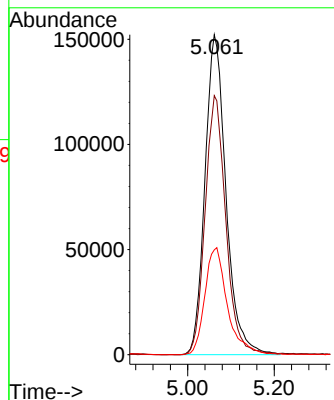
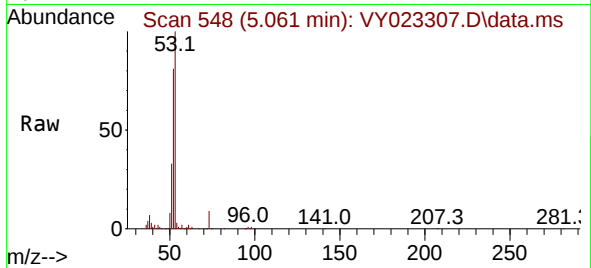




#15
Acrylonitrile
Concen: 488.464 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

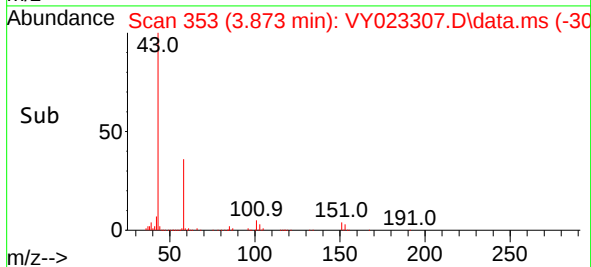
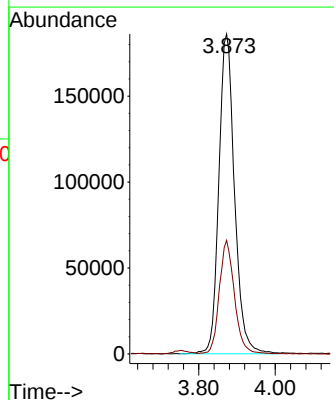
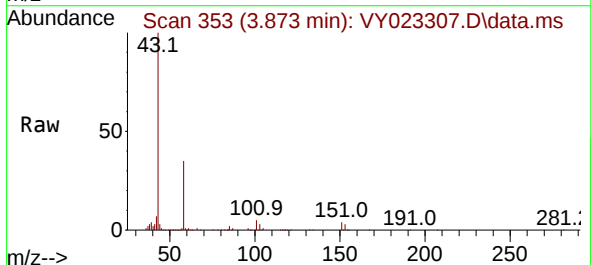
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

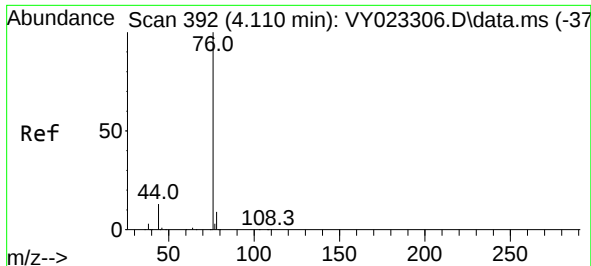
Tgt Ion: 53 Resp: 514238
Ion Ratio Lower Upper
53 100
52 79.7 64.2 96.4
51 35.9 29.0 43.6



#16
Acetone
Concen: 476.882 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 43 Resp: 528497
Ion Ratio Lower Upper
43 100
58 35.3 27.2 40.8

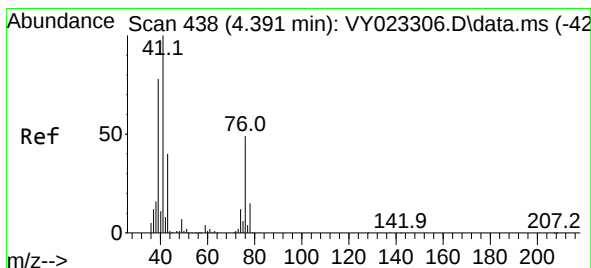
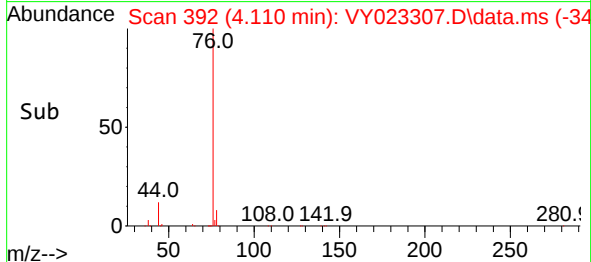
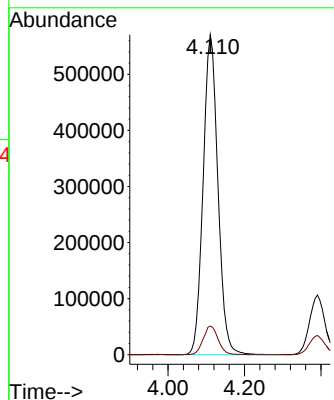
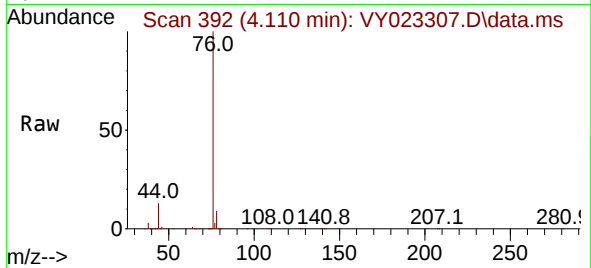




#17
Carbon Disulfide
Concen: 92.491 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

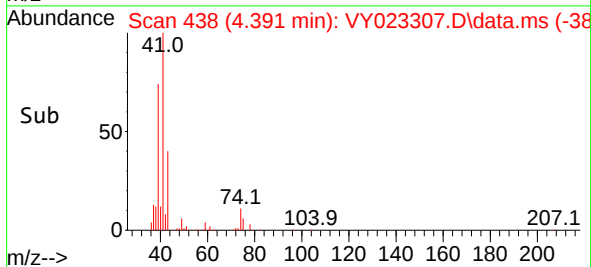
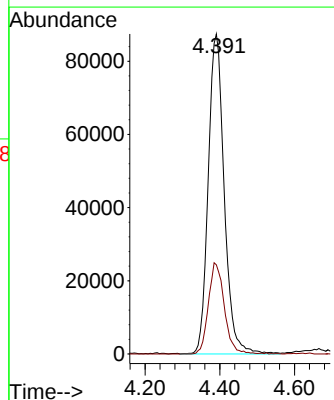
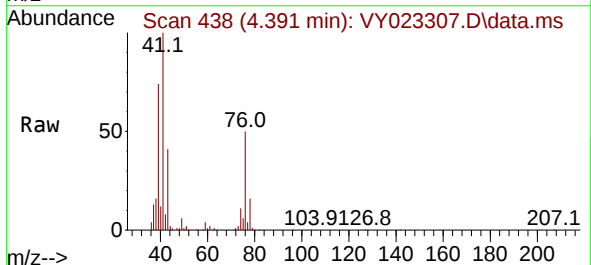
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

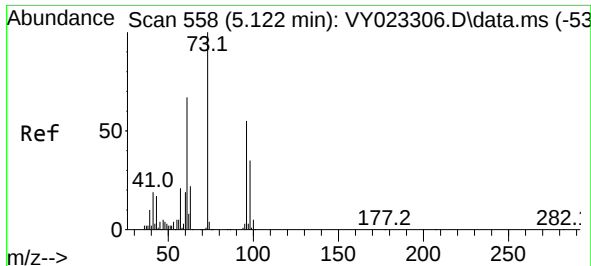
Tgt Ion: 76 Resp: 1531125
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 95.590 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 43 Resp: 259861
Ion Ratio Lower Upper
43 100
74 28.2 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 100.999 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

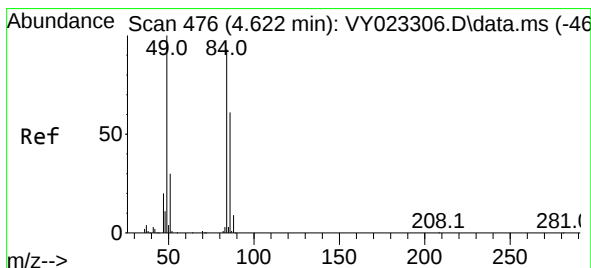
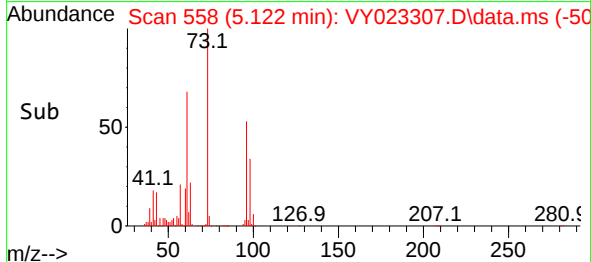
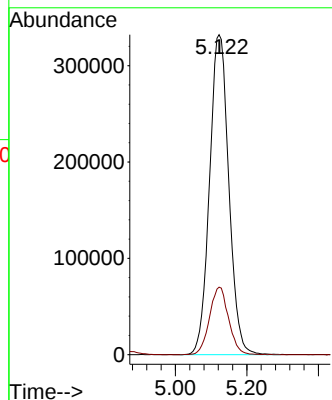
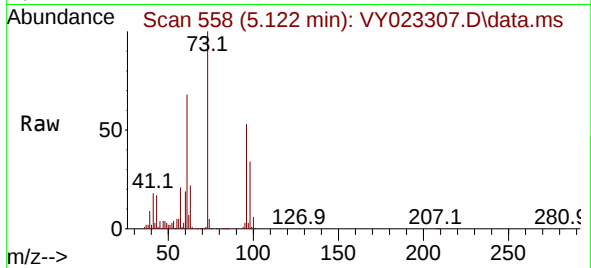
VSTDICC100

Tgt Ion: 73 Resp: 1241732

Ion Ratio Lower Upper

73 100

57 21.1 16.6 24.8



#20

Methylene Chloride

Concen: 89.205 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Tgt Ion: 84 Resp: 528916

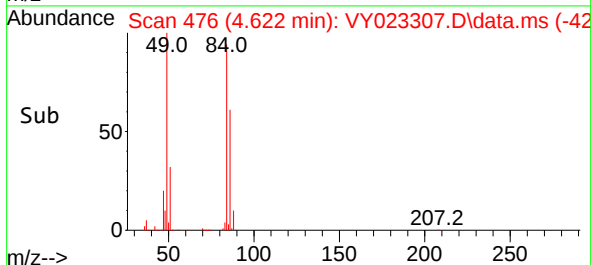
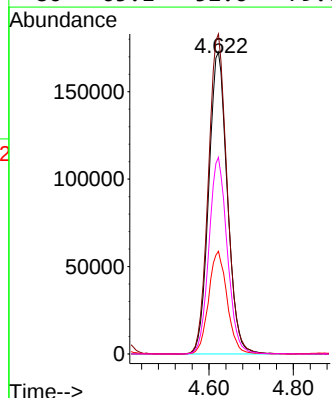
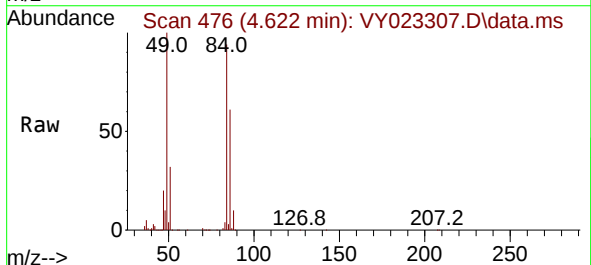
Ion Ratio Lower Upper

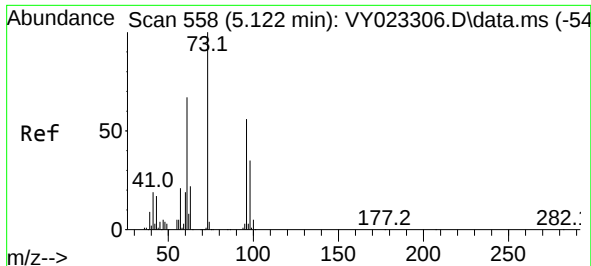
84 100

49 106.0 86.4 129.6

51 34.0 25.9 38.9

86 65.1 52.6 79.0

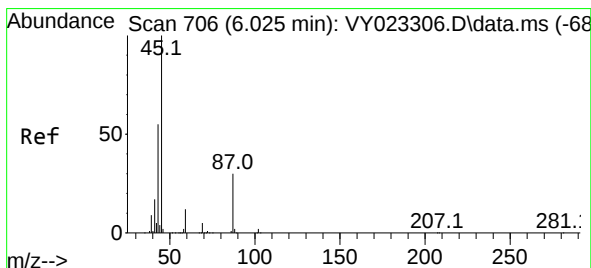
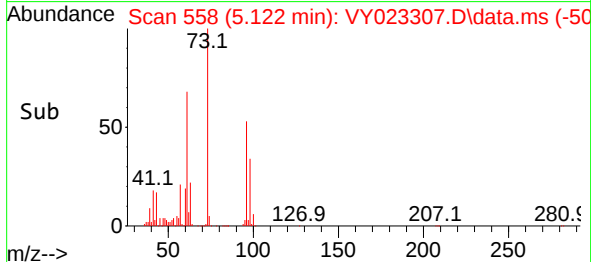
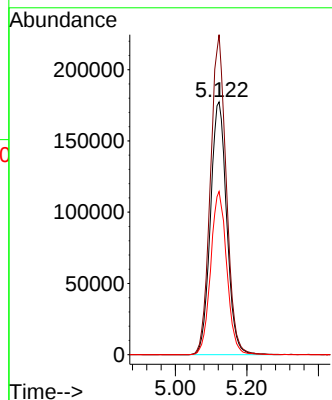
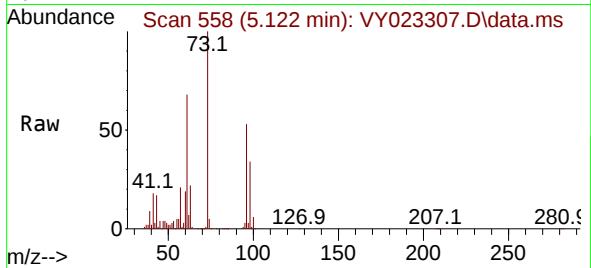




#21
trans-1,2-Dichloroethene
Concen: 95.834 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

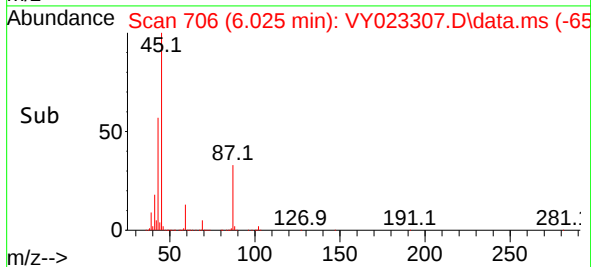
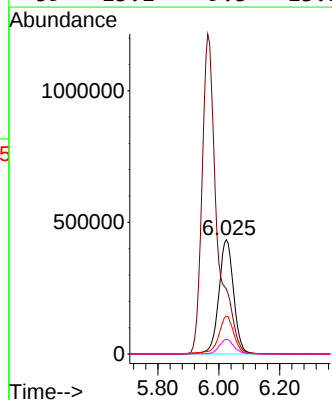
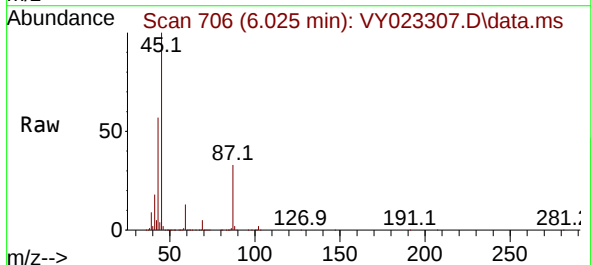
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

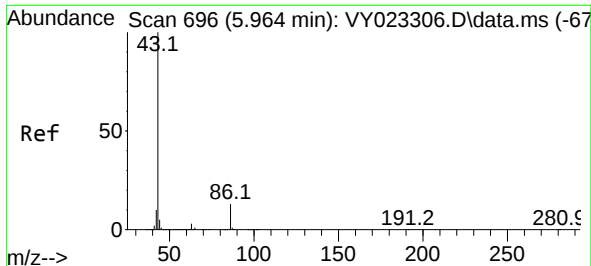
Tgt Ion: 96 Resp: 559879
Ion Ratio Lower Upper
96 100
61 126.6 96.6 144.8
98 64.5 50.6 76.0



#22
Diisopropyl ether
Concen: 99.387 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 45 Resp: 1461997
Ion Ratio Lower Upper
45 100
43 56.9 43.8 65.6
87 33.0 24.1 36.1
59 13.1 9.3 13.9

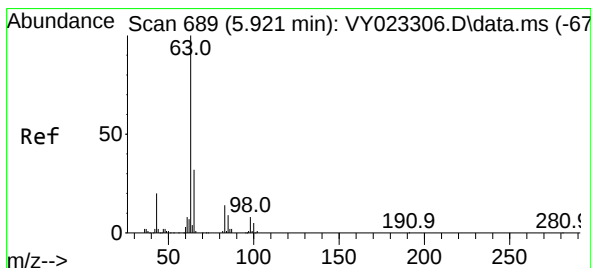
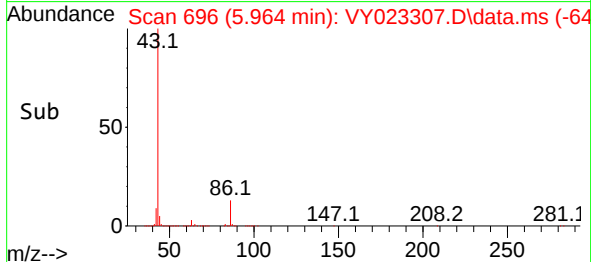
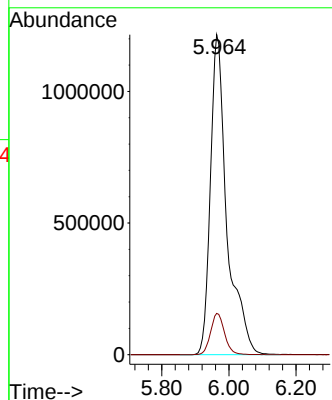
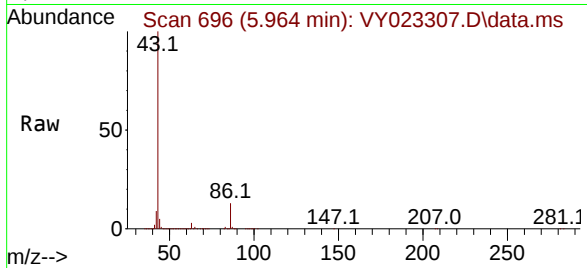




#23
 Vinyl Acetate
 Concen: 510.640 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

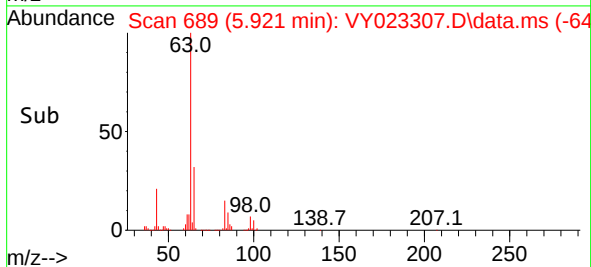
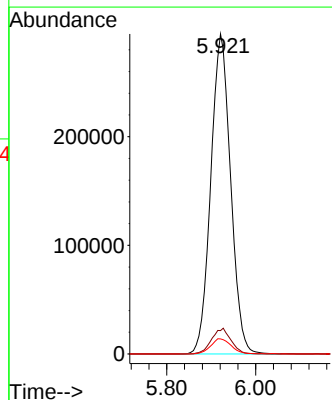
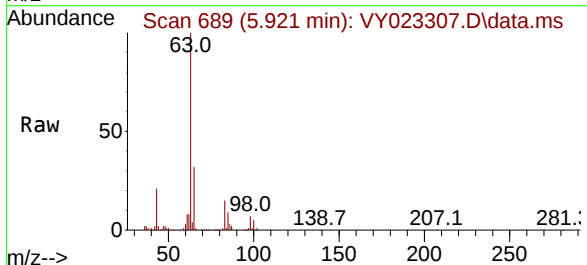
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

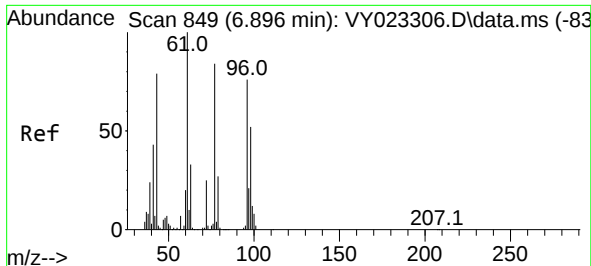
Tgt Ion: 43 Resp: 4152649
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 94.736 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

Tgt Ion: 63 Resp: 911486
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 4.7 2.3 6.9





#25

2-Butanone

Concen: 498.135 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

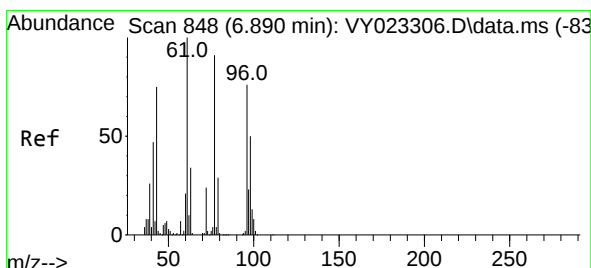
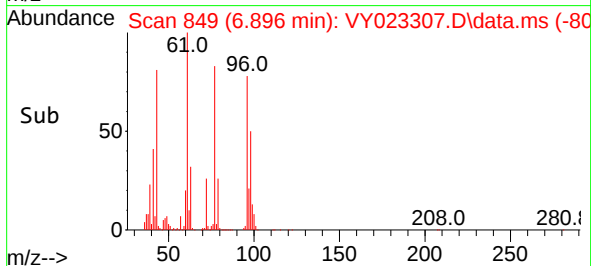
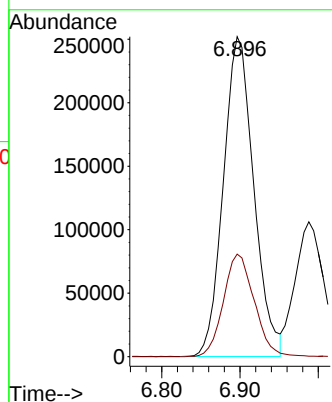
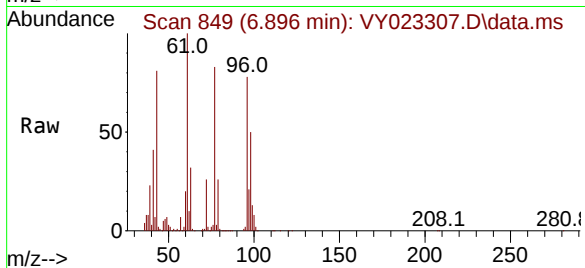
VSTDIC100

Tgt Ion: 43 Resp: 679450

Ion Ratio Lower Upper

43 100

72 32.0 25.7 38.5



#26

2,2-Dichloropropane

Concen: 95.188 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023307.D

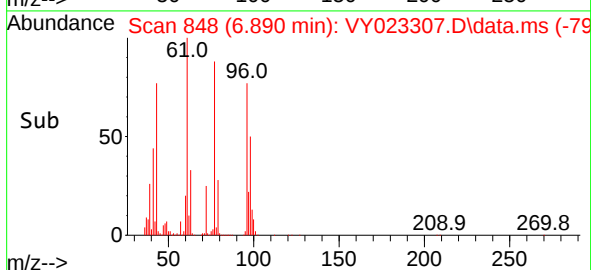
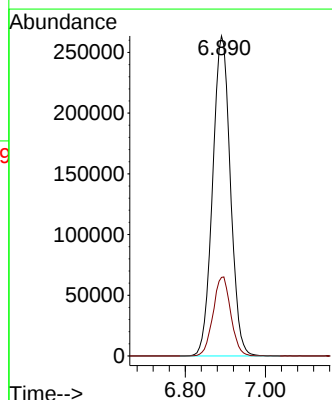
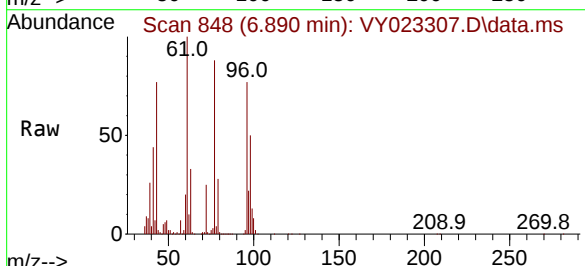
Acq: 08 Sep 2025 11:46

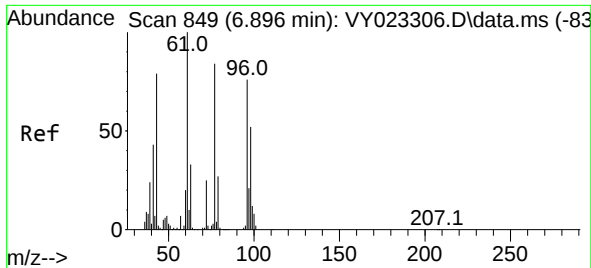
Tgt Ion: 77 Resp: 808657

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6

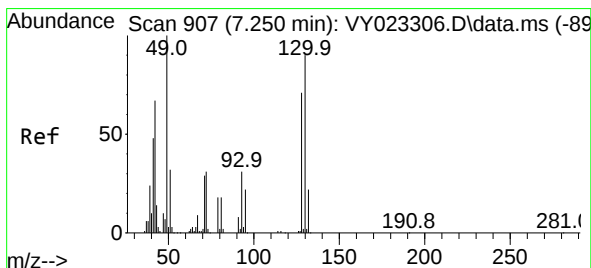
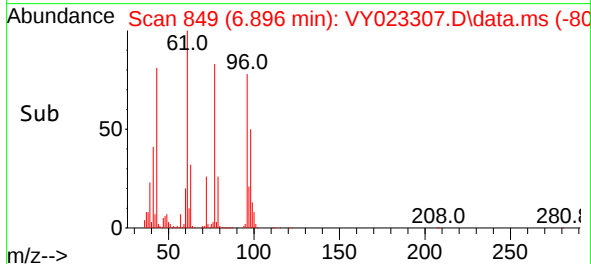
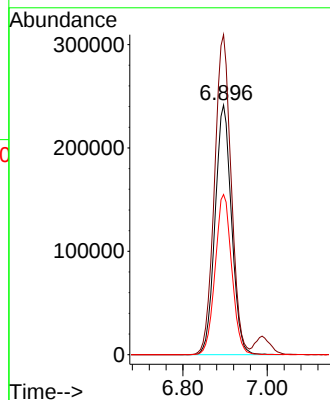
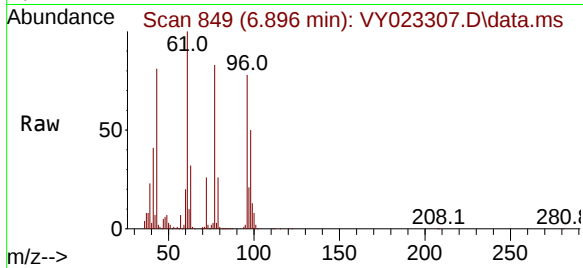




#27
 cis-1,2-Dichloroethene
 Concen: 98.700 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

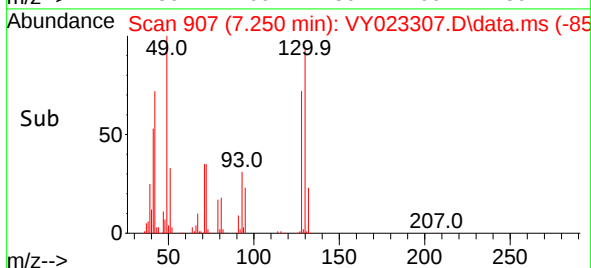
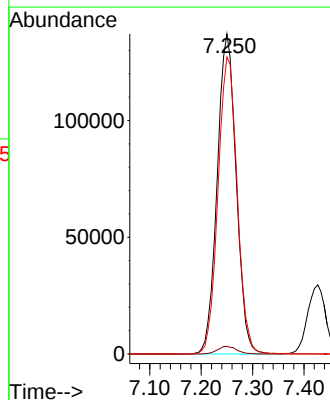
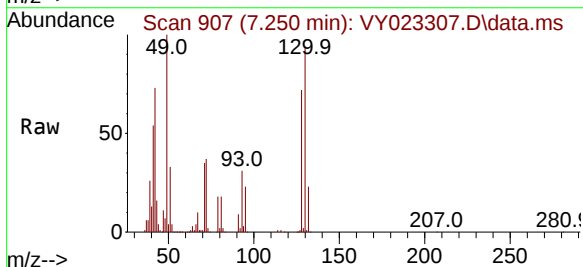
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

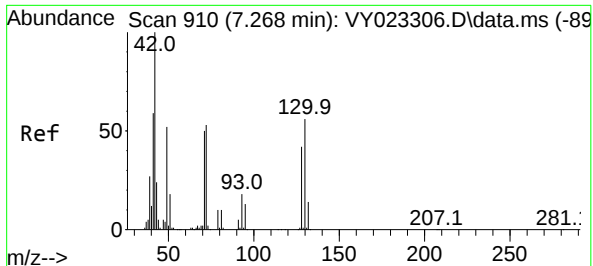
Tgt Ion: 96 Resp: 652984
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 264.0
 98 64.8 0.0 130.6



#28
 Bromochloromethane
 Concen: 92.859 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

Tgt Ion: 49 Resp: 351551
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 93.8 74.3 111.5





#29

Tetrahydrofuran

Concen: 504.285 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

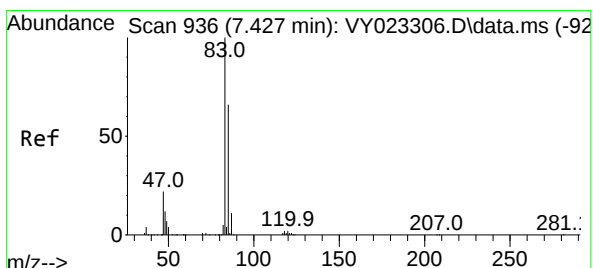
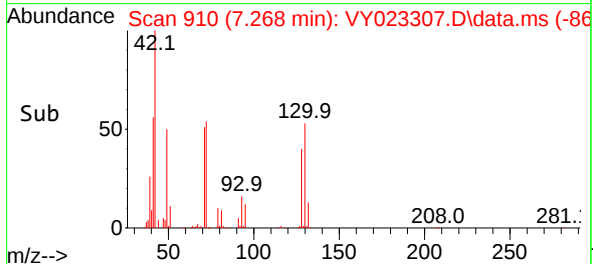
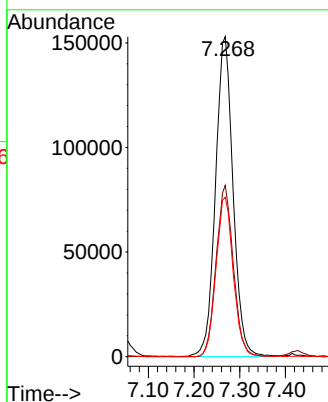
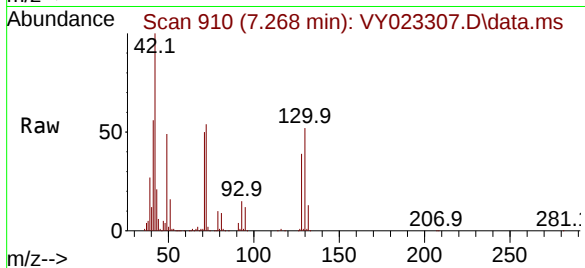
Tgt Ion: 42 Resp: 407987

Ion Ratio Lower Upper

42 100

72 52.5 40.4 60.6

71 49.2 38.5 57.7



#30

Chloroform

Concen: 94.058 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023307.D

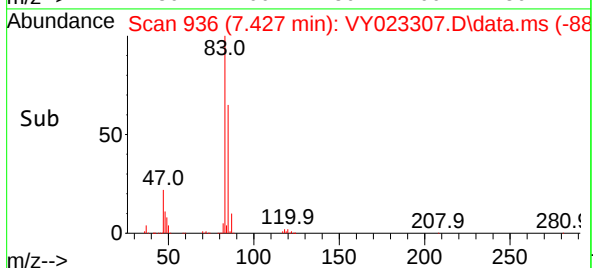
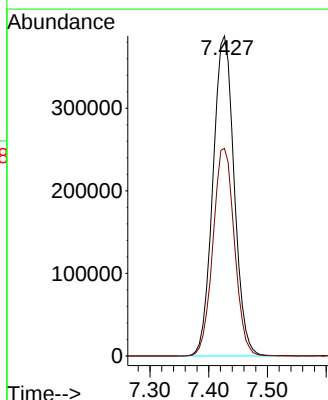
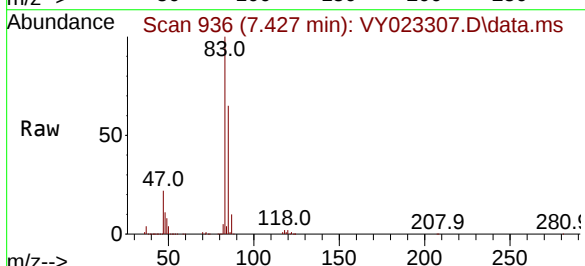
Acq: 08 Sep 2025 11:46

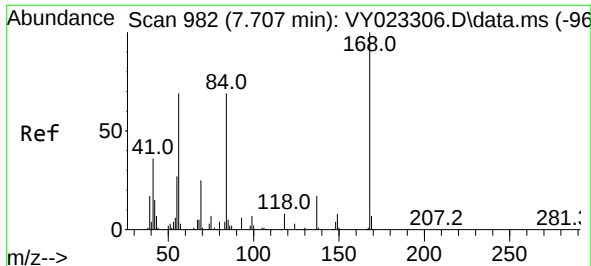
Tgt Ion: 83 Resp: 972361

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

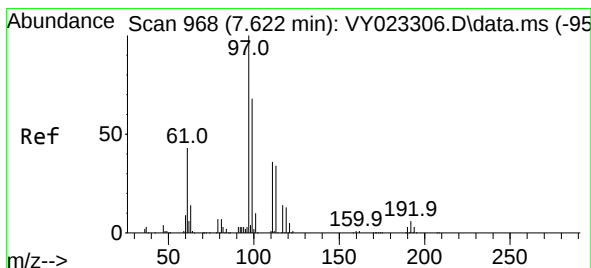
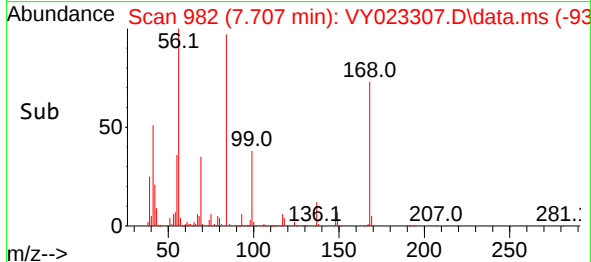
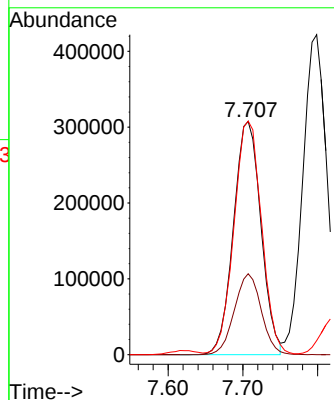
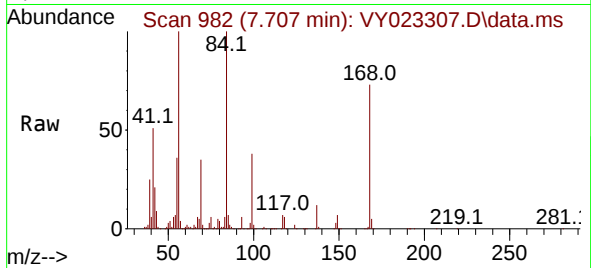




#31
Cyclohexane
Concen: 92.432 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

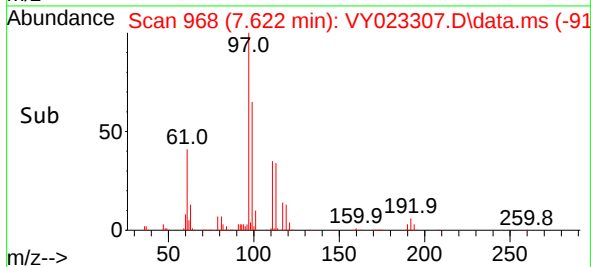
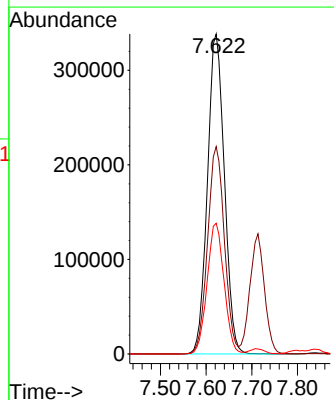
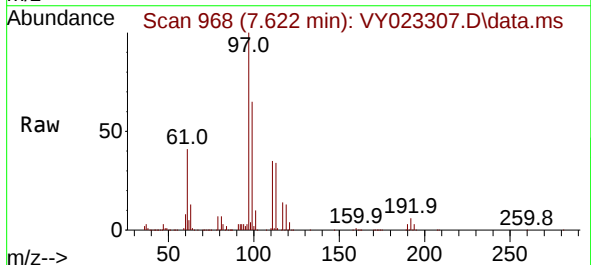
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

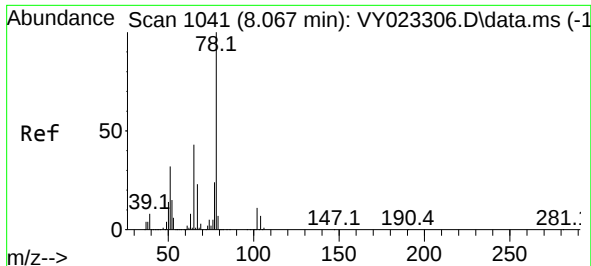
Tgt Ion: 56 Resp: 786969
Ion Ratio Lower Upper
56 100
69 34.7 29.1 43.7
84 98.4 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 94.157 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 97 Resp: 869647
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.4
61 41.0 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 94.823 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

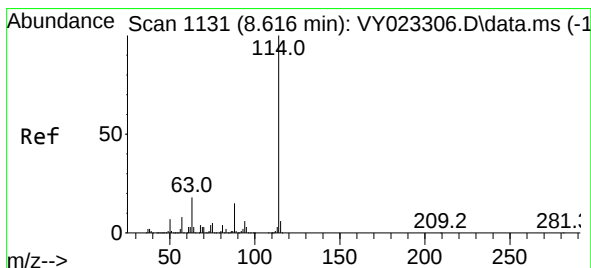
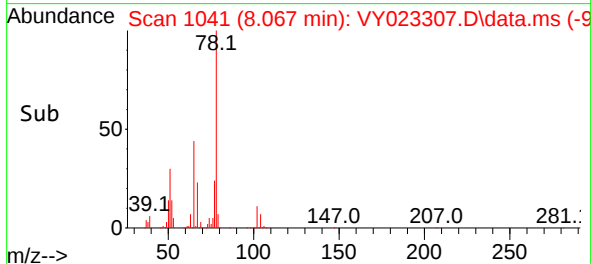
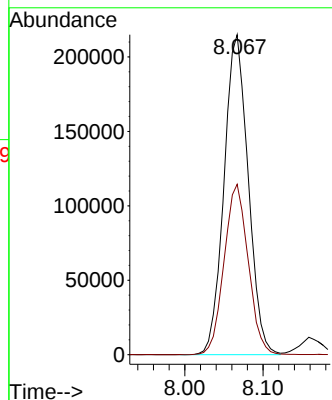
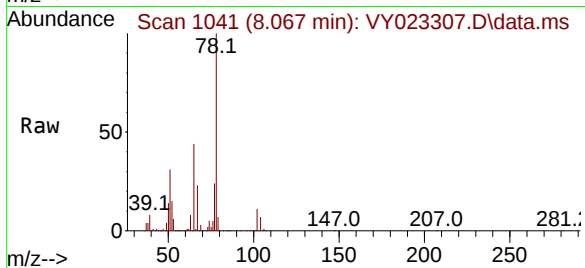
VSTDIC100

Tgt Ion: 65 Resp: 461345

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

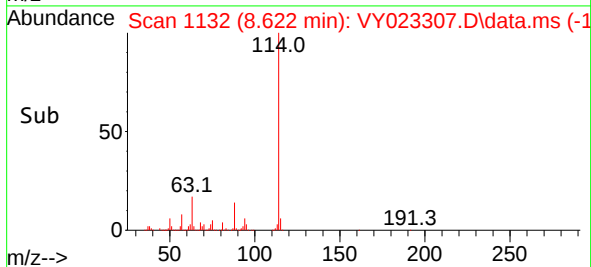
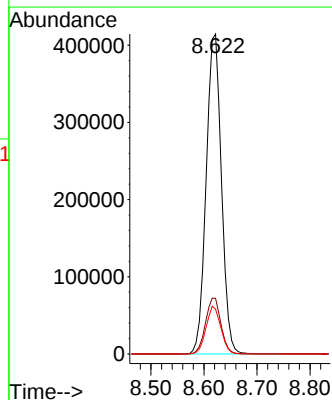
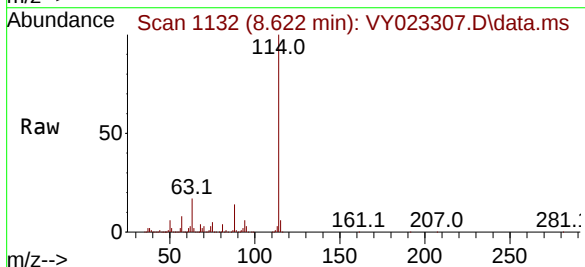
Tgt Ion: 114 Resp: 826995

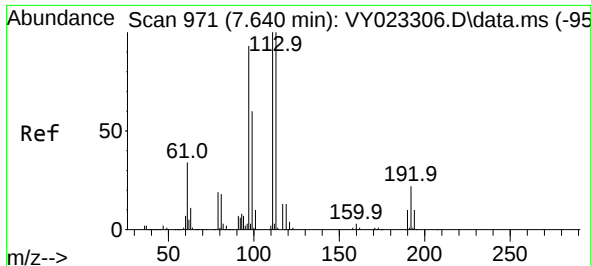
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.0 0.0 29.8

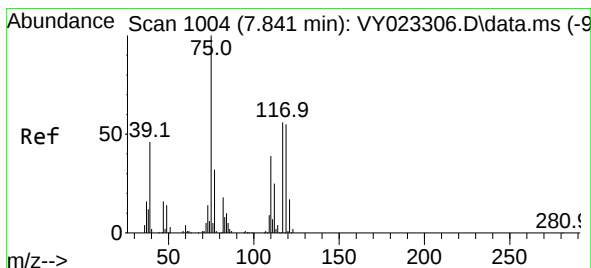
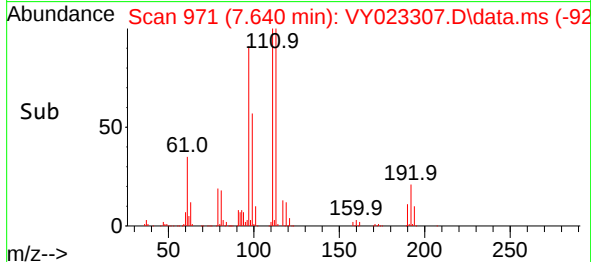
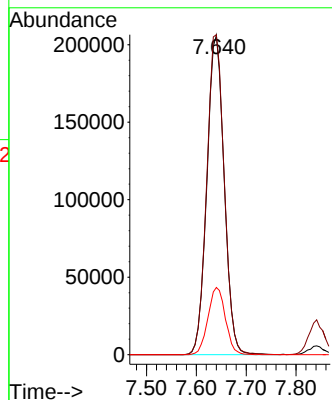
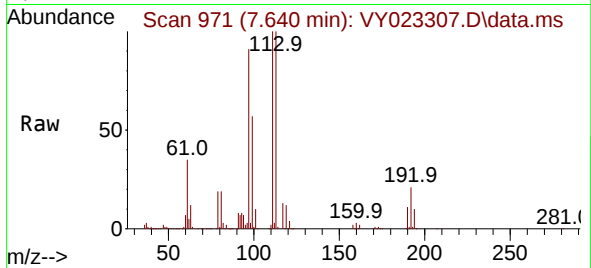




#35
Dibromofluoromethane
Concen: 98.027 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

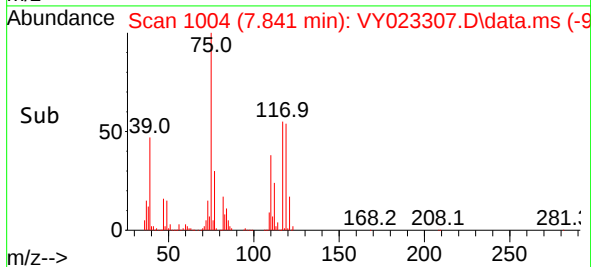
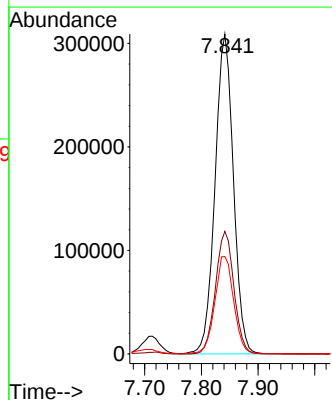
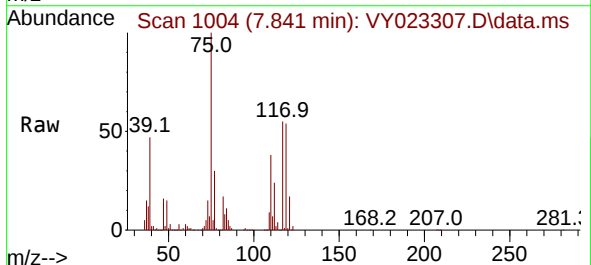
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

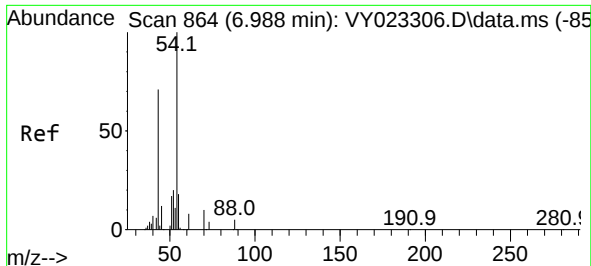
Tgt Ion:113 Resp: 495539
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 96.623 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

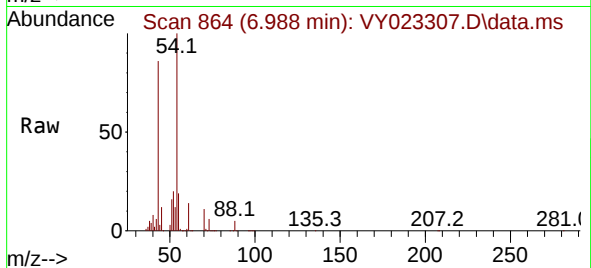
Tgt Ion: 75 Resp: 695673
Ion Ratio Lower Upper
75 100
110 38.4 19.3 57.9
77 31.3 25.2 37.8



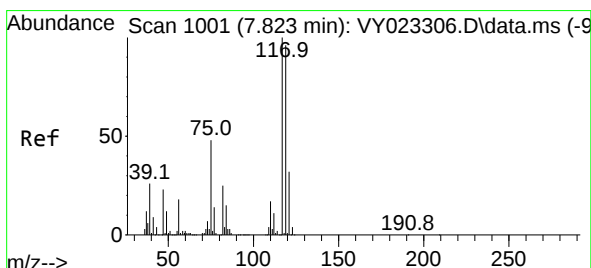
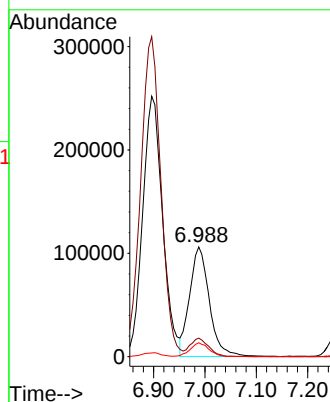
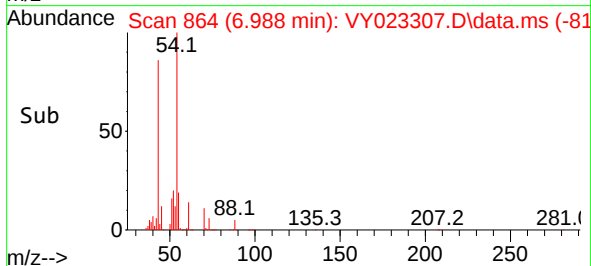


#37
Ethyl Acetate
Concen: 98.372 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

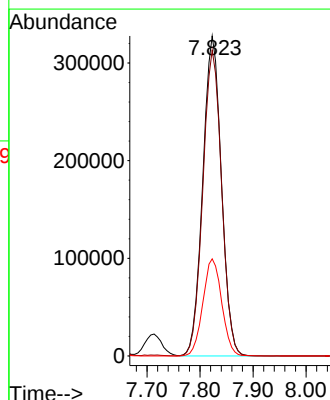
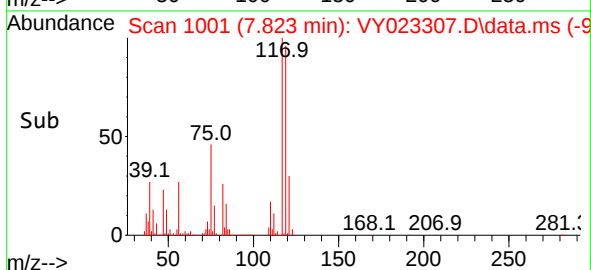
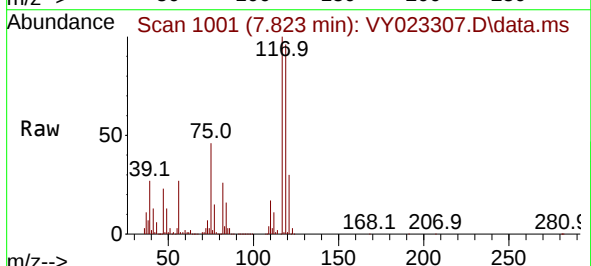


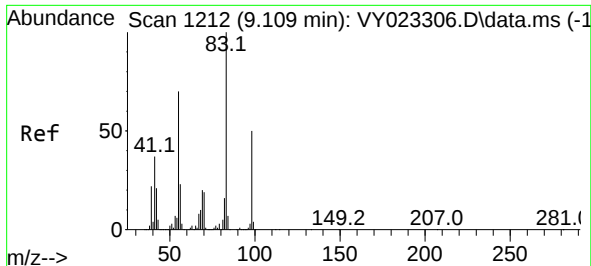
Tgt Ion: 43 Resp: 281747
Ion Ratio Lower Upper
43 100
61 15.9 12.9 19.3
70 12.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 96.509 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 117 Resp: 799538
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.3 25.2 37.8





#39

Methylcyclohexane

Concen: 102.597 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

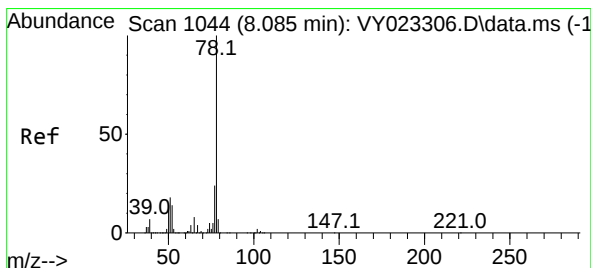
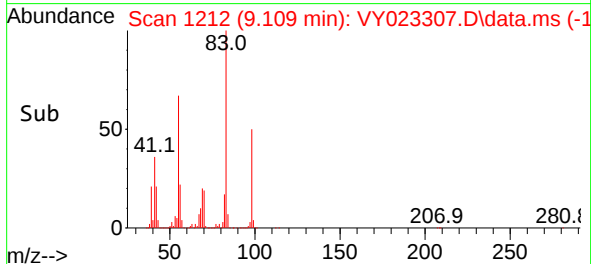
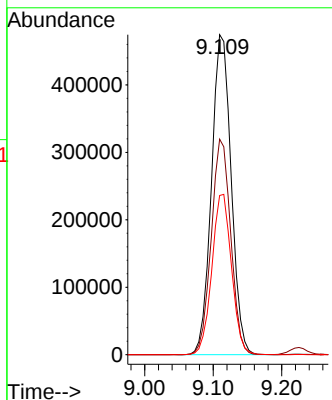
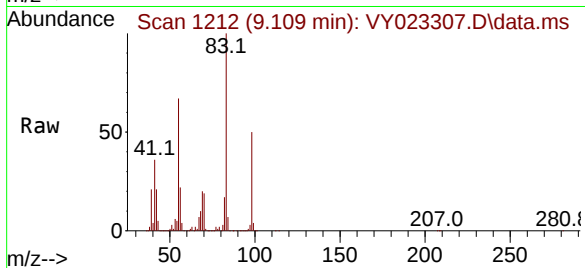
Tgt Ion: 83 Resp: 945012

Ion Ratio Lower Upper

83 100

55 67.3 56.1 84.1

98 49.8 39.8 59.8



#40

Benzene

Concen: 97.437 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023307.D

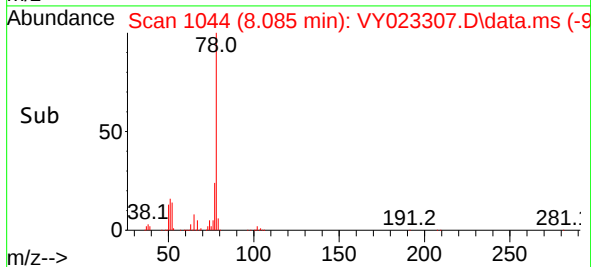
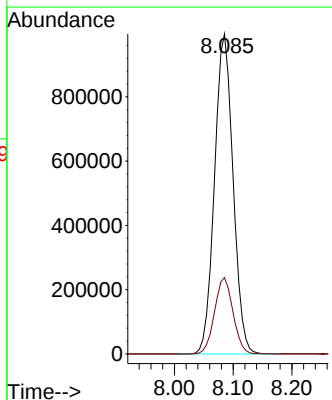
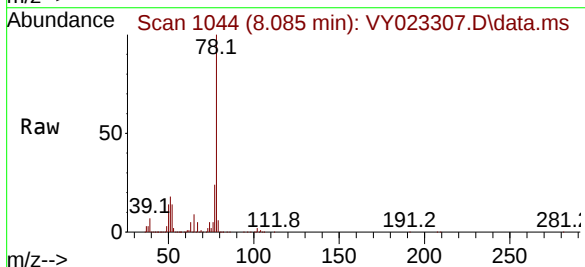
Acq: 08 Sep 2025 11:46

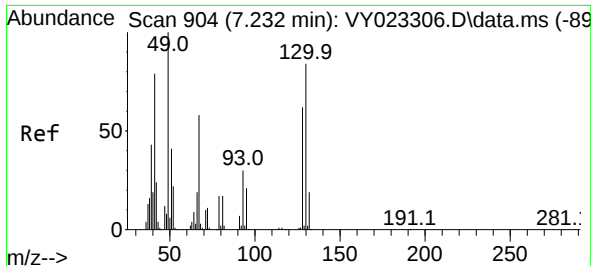
Tgt Ion: 78 Resp: 2180599

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

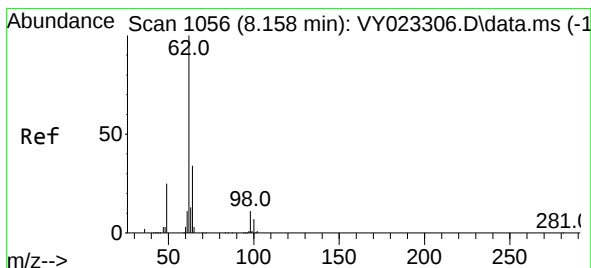
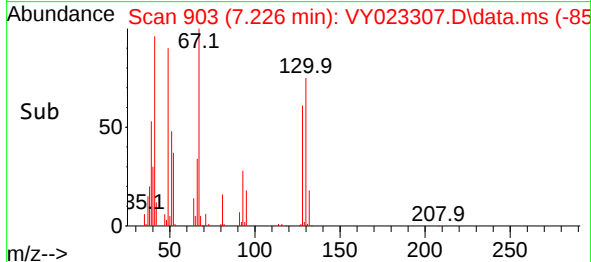
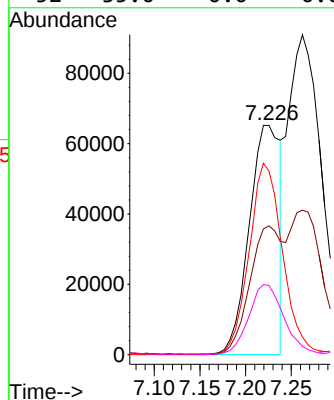
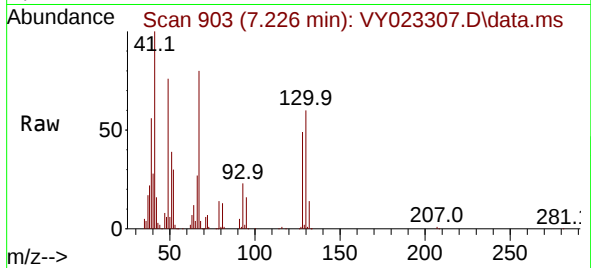




#41
Methacrylonitrile
Concen: 96.246 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

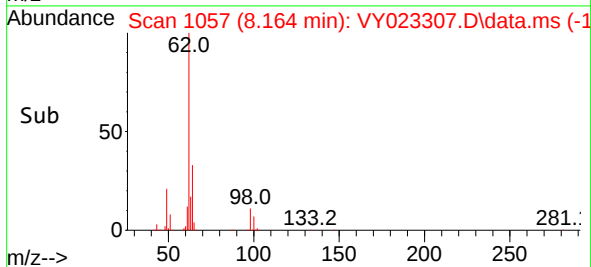
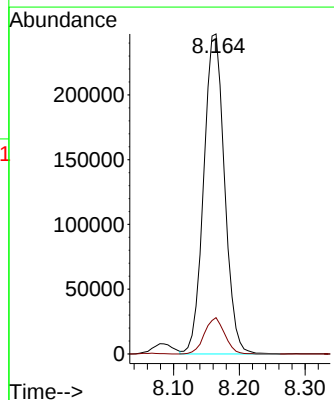
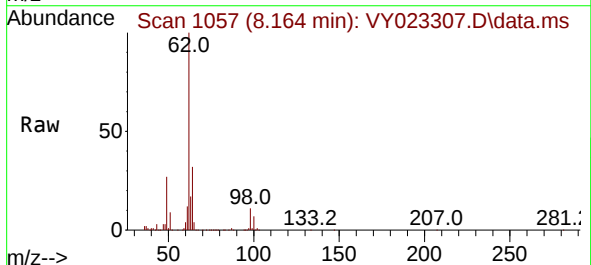
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

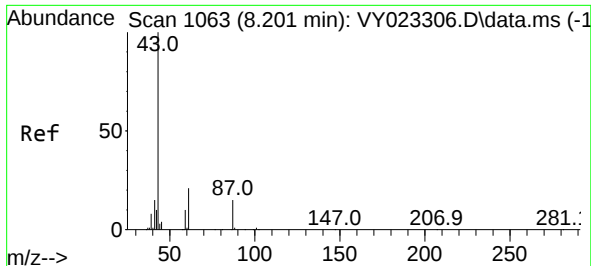
Tgt Ion: 41 Resp: 153155
Ion Ratio Lower Upper
41 100
39 62.5 56.1 84.1
67 90.8 0.0 0.0#
52 35.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 95.696 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 62 Resp: 545257
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.6

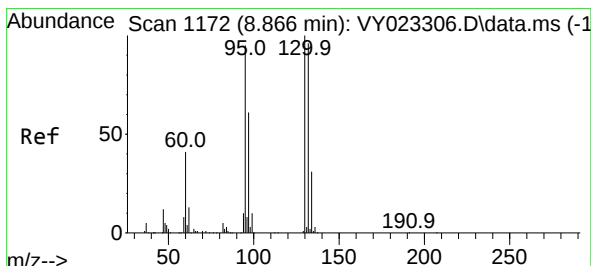
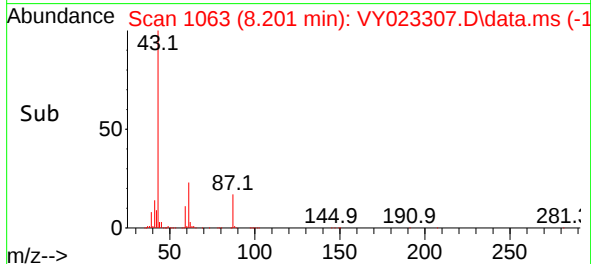
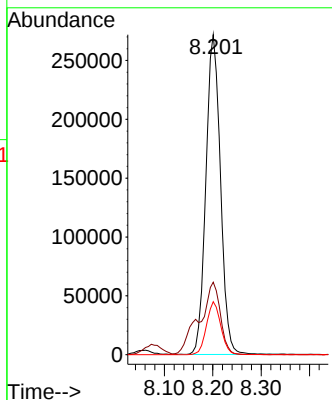
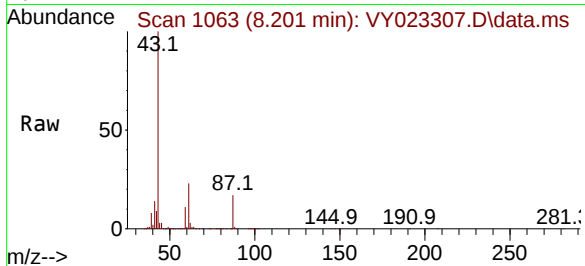




#43
Isopropyl Acetate
Concen: 102.054 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

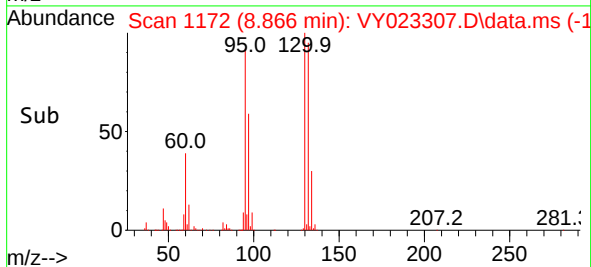
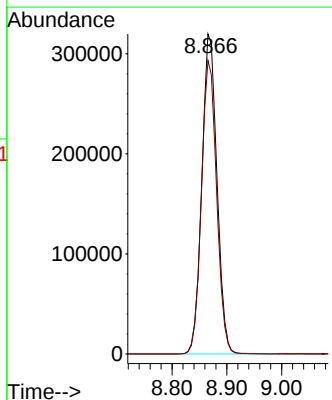
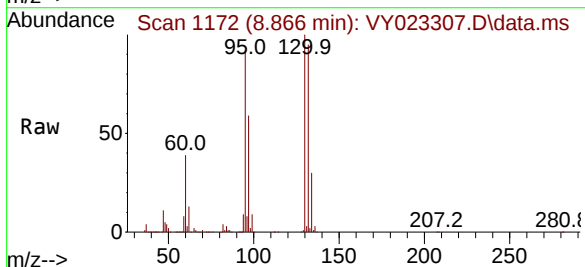
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

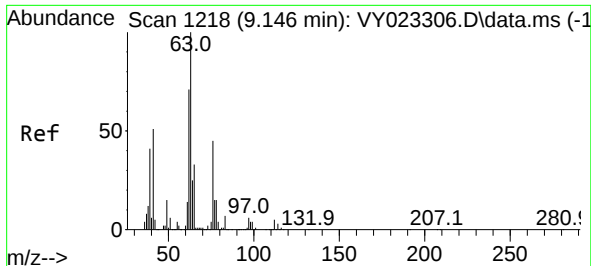
Tgt Ion: 43 Resp: 568502
Ion Ratio Lower Upper
43 100
61 32.6 17.1 25.7#
87 16.4 12.6 18.8



#44
Trichloroethene
Concen: 97.912 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:130 Resp: 610328
Ion Ratio Lower Upper
130 100
95 91.7 0.0 189.8

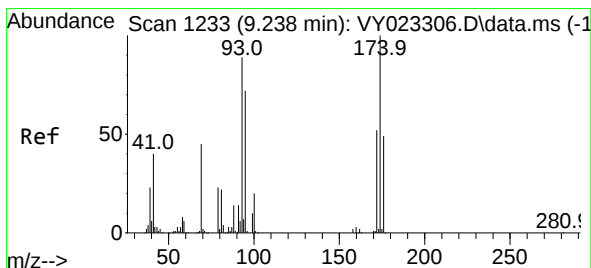
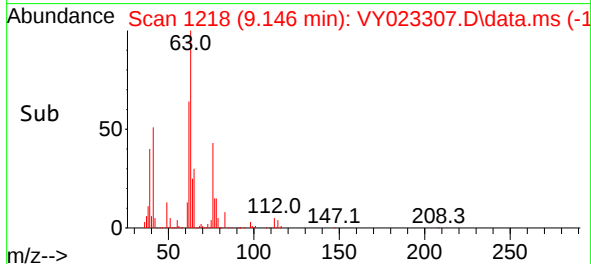
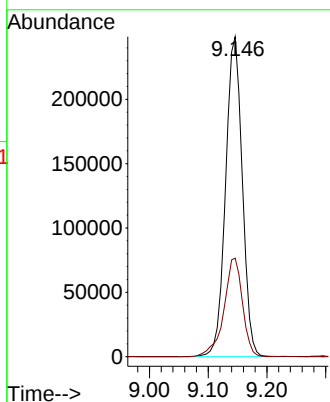
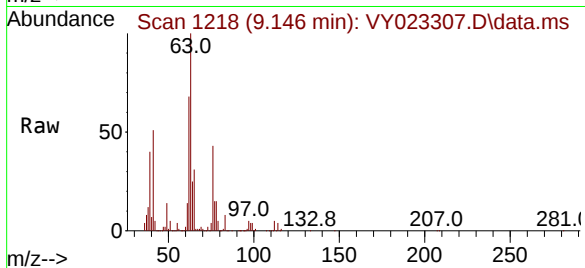




#45
1,2-Dichloropropane
Concen: 97.282 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

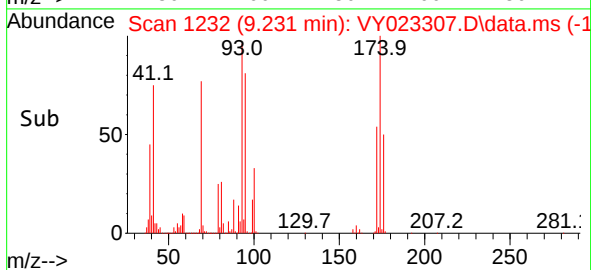
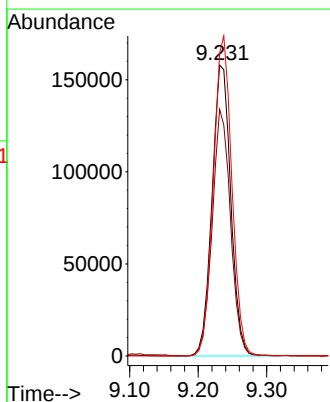
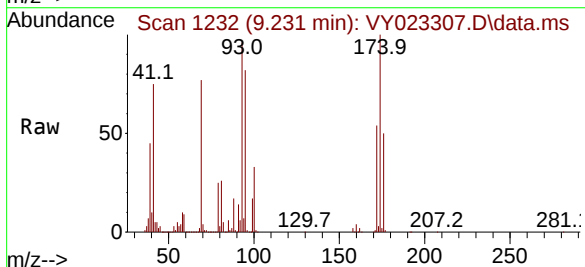
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 491687
Ion Ratio Lower Upper
63 100
65 30.8 26.4 39.6



#46
Dibromomethane
Concen: 97.481 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 93 Resp: 300046
Ion Ratio Lower Upper
93 100
95 82.7 65.8 98.6
174 108.2 86.0 129.0

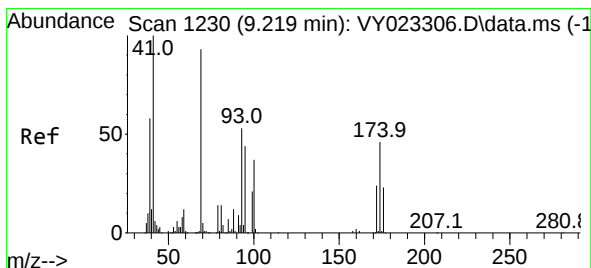
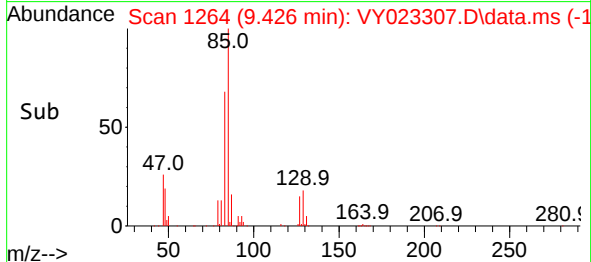
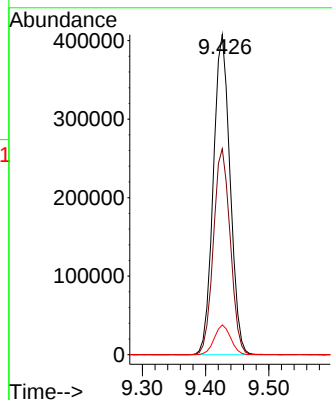
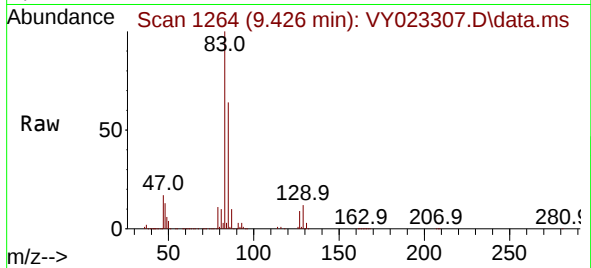




#47
Bromodichloromethane
Concen: 96.746 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

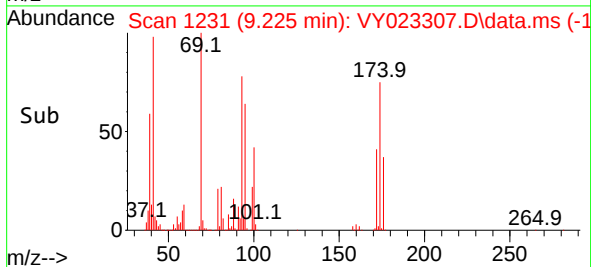
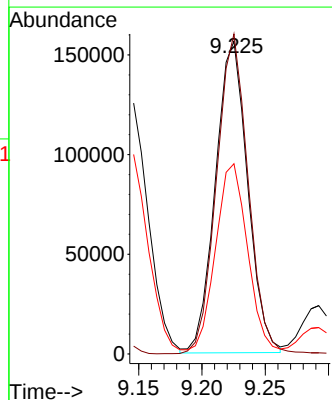
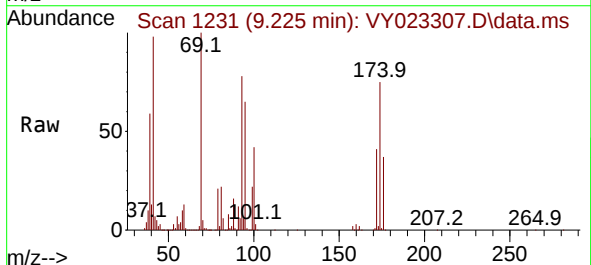
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

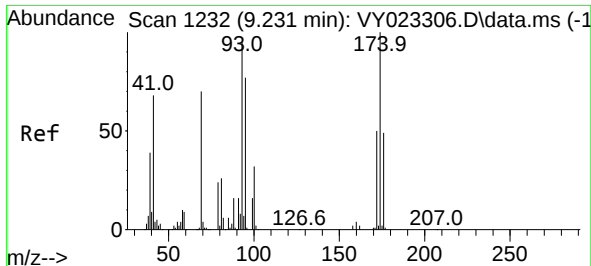
Tgt Ion: 83 Resp: 749153
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3
127 9.3 7.2 10.8



#48
Methyl methacrylate
Concen: 106.622 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 41 Resp: 276846
Ion Ratio Lower Upper
41 100
69 100.6 77.8 116.8
39 58.6 45.9 68.9





#49

1,4-Dioxane

Concen: 2068.185 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

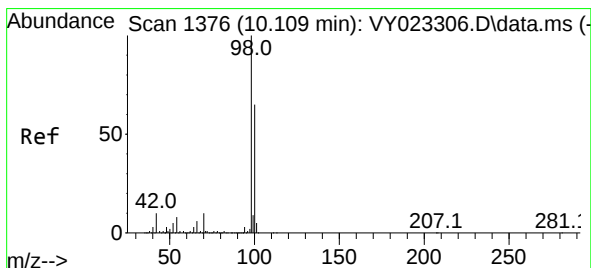
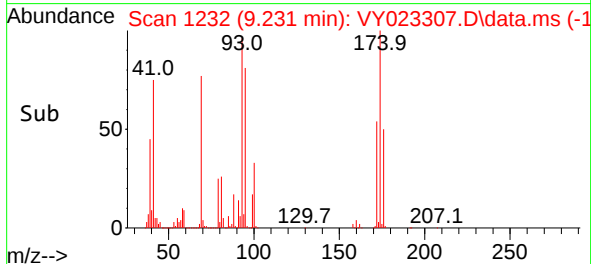
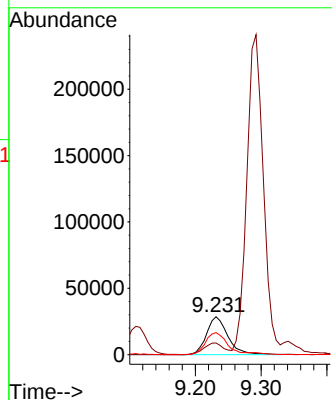
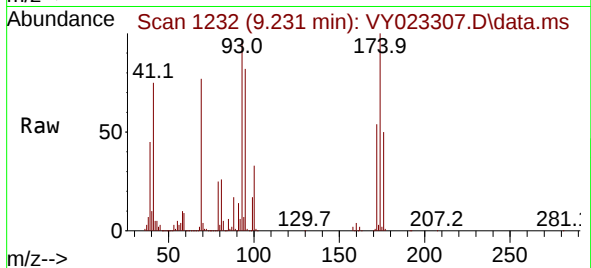
Tgt Ion: 88 Resp: 64620

Ion Ratio Lower Upper

88 100

43 29.0 24.6 37.0

58 62.5 48.0 72.0



#50

Toluene-d8

Concen: 100.103 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023307.D

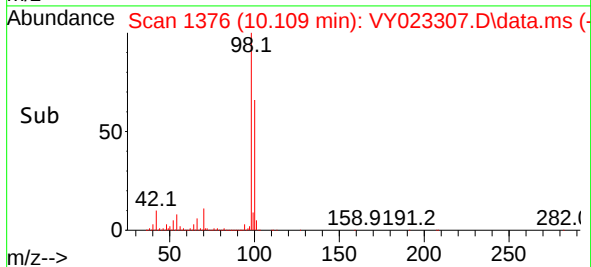
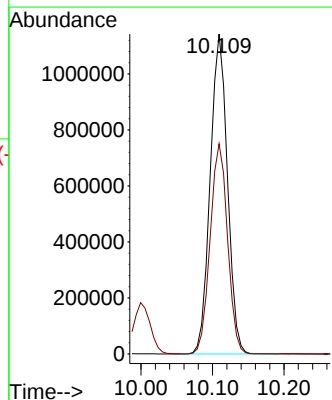
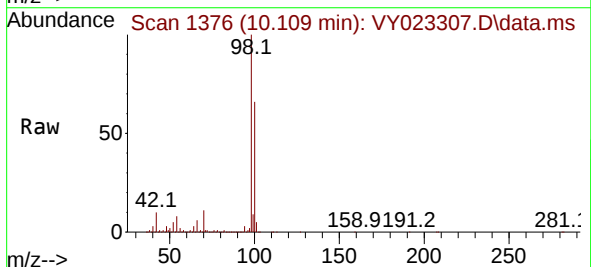
Acq: 08 Sep 2025 11:46

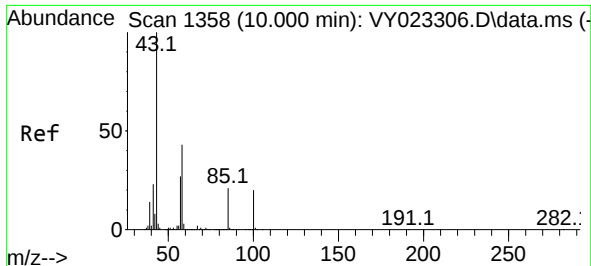
Tgt Ion: 98 Resp: 1910809

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

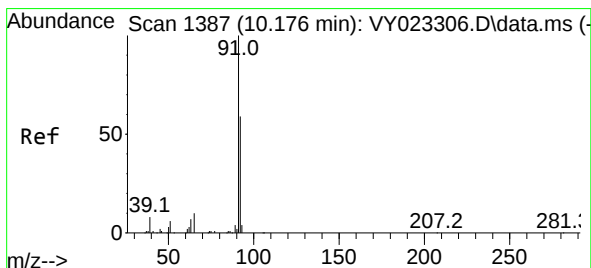
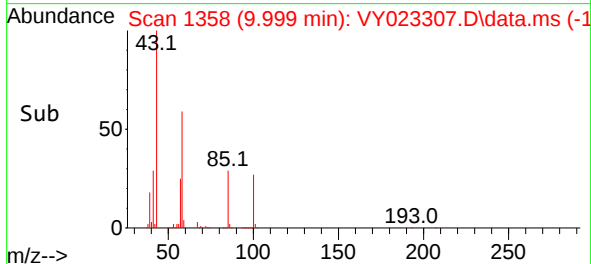
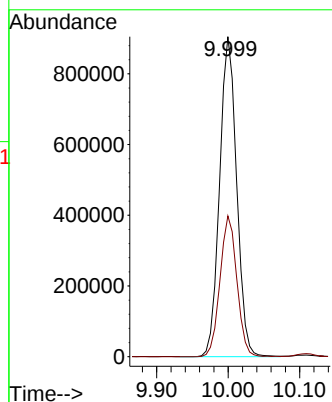
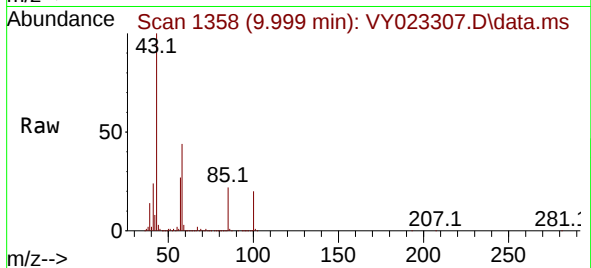




#51
4-Methyl-2-Pentanone
Concen: 525.325 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

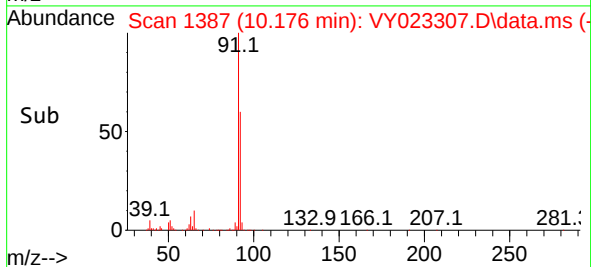
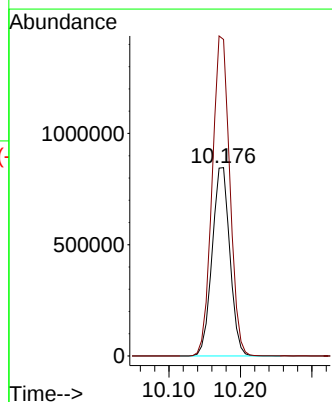
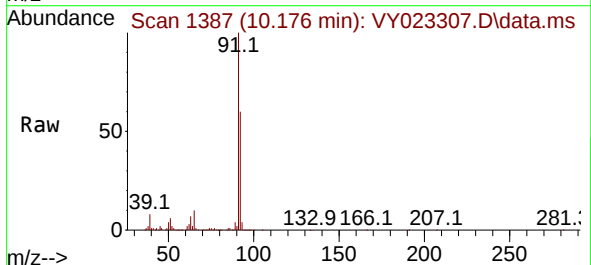
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

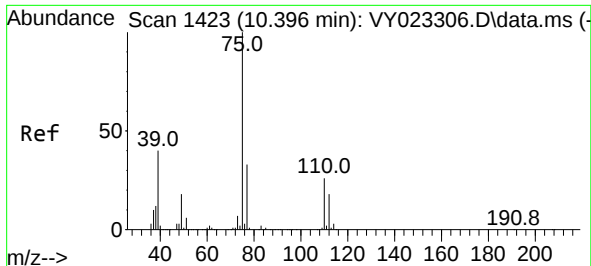
Tgt Ion: 43 Resp: 1497150
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 102.376 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 92 Resp: 1453950
Ion Ratio Lower Upper
92 100
91 169.4 136.6 204.8

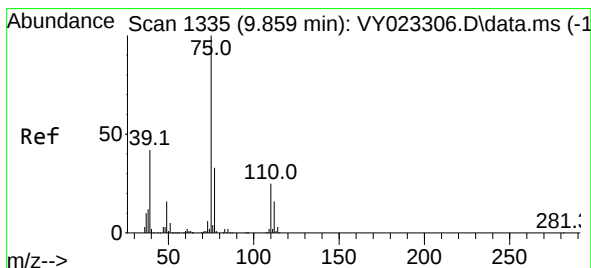
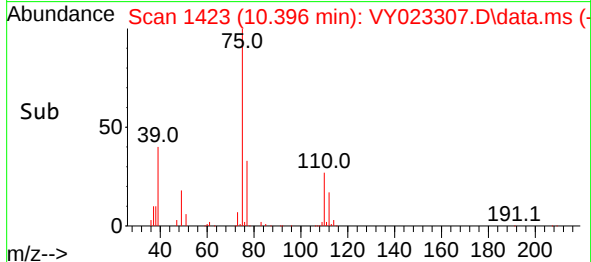
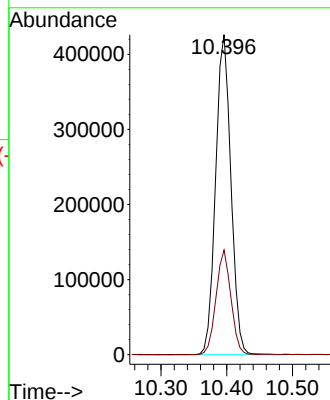
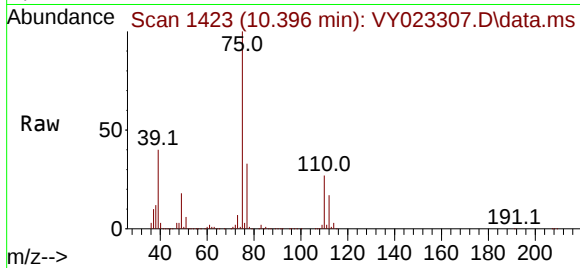




#53
 t-1,3-Dichloropropene
 Concen: 103.437 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

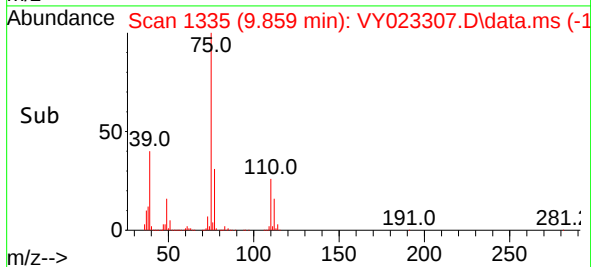
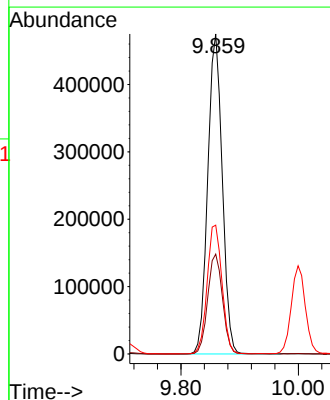
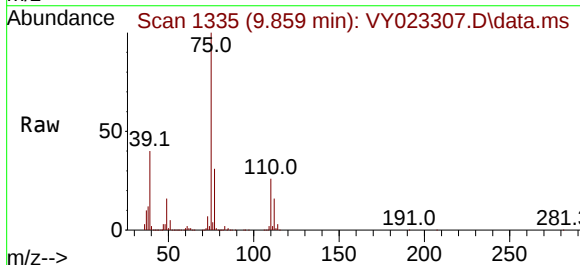
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

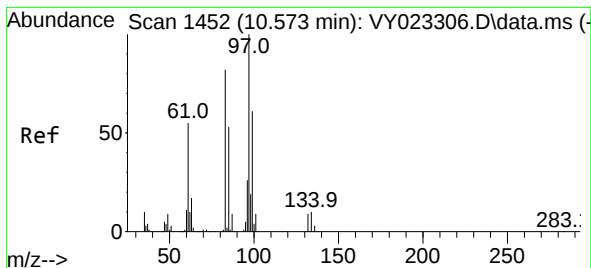
Tgt Ion: 75 Resp: 689594
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 102.036 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

Tgt Ion: 75 Resp: 812848
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 40.2 33.5 50.3



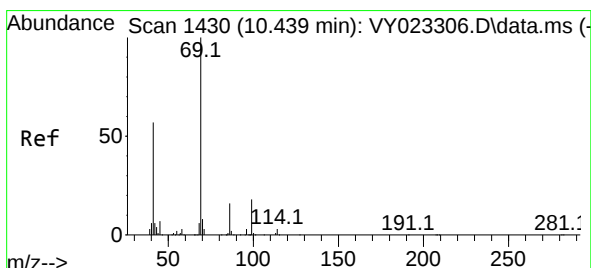
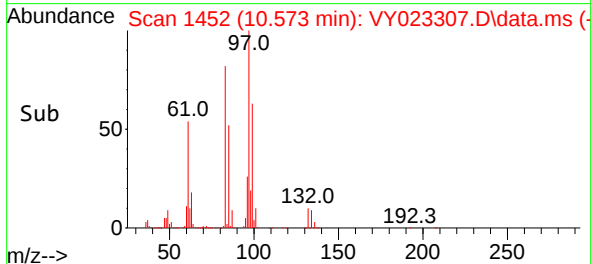
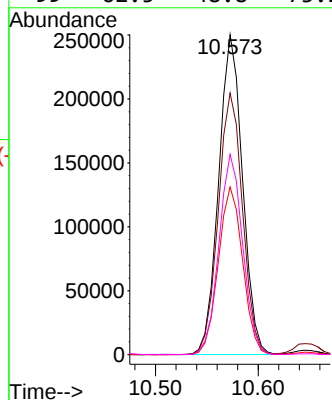
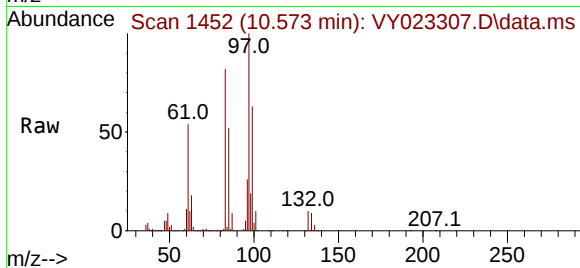


#55
1,1,2-Trichloroethane
Concen: 98.366 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 402746

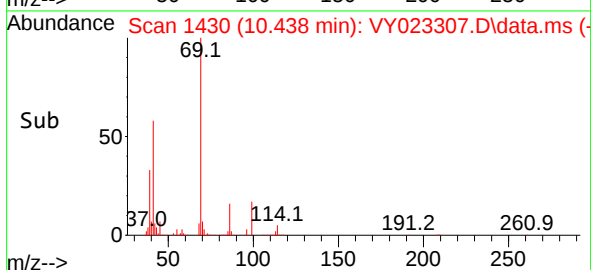
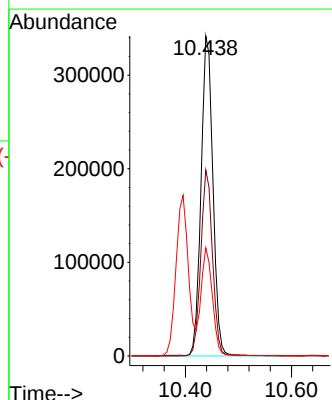
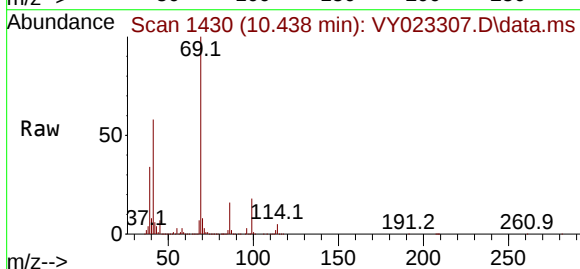
Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.3	97.9
85	52.4	42.6	63.8
99	62.5	48.8	73.2

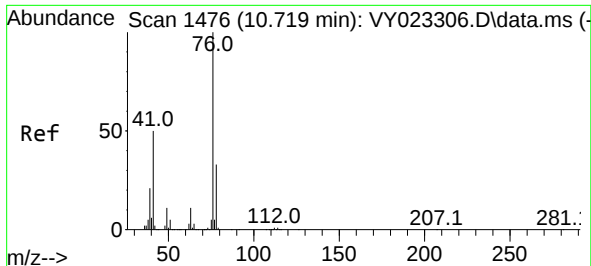


#56
Ethyl methacrylate
Concen: 112.279 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 69 Resp: 532603

Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.9	68.9
39	31.6	26.2	39.4





#57

1,3-Dichloropropane

Concen: 98.778 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

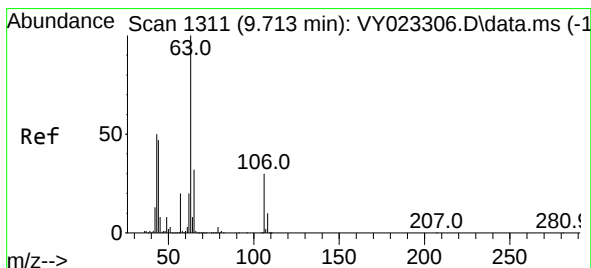
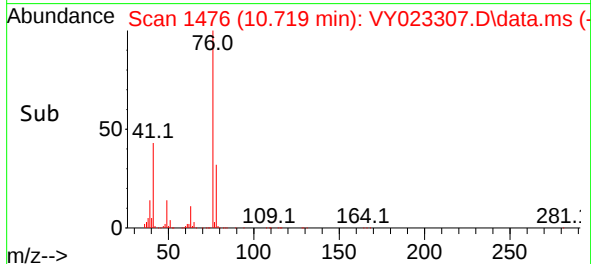
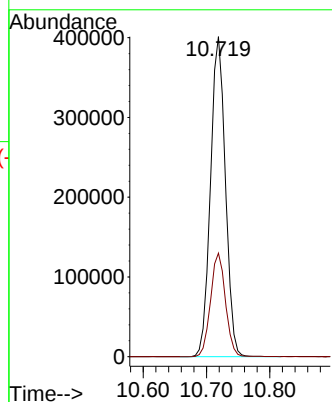
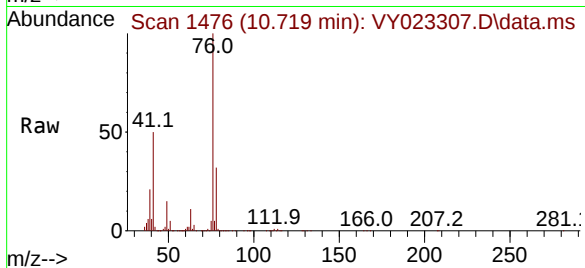
VSTDIC100

Tgt Ion: 76 Resp: 656574

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 585.990 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023307.D

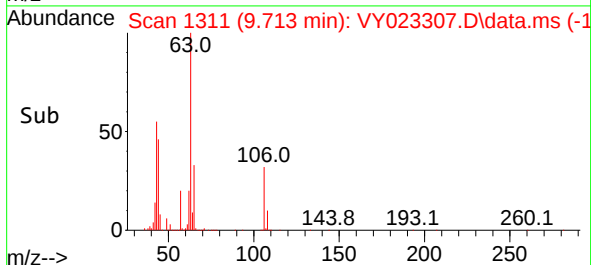
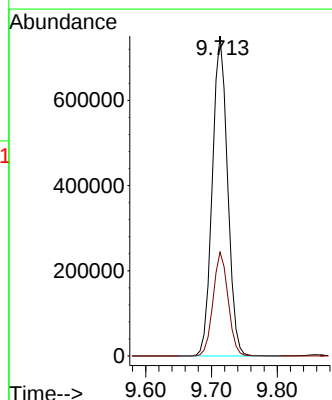
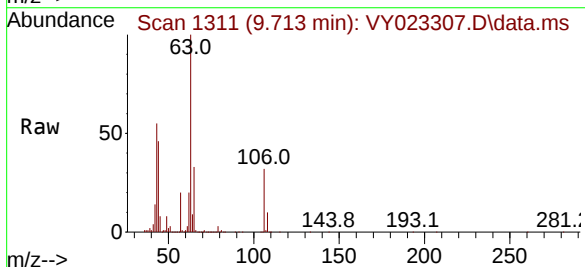
Acq: 08 Sep 2025 11:46

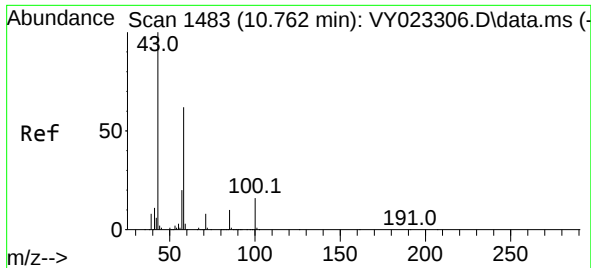
Tgt Ion: 63 Resp: 1211508

Ion Ratio Lower Upper

63 100

106 31.9 24.9 37.3

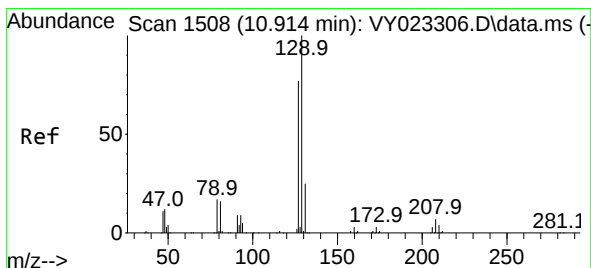
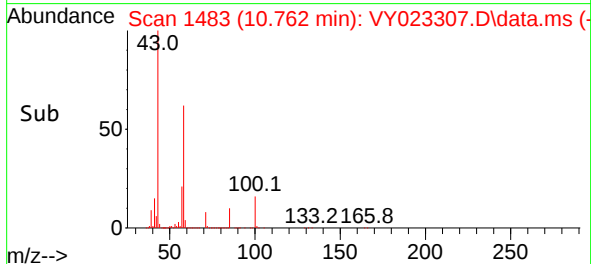
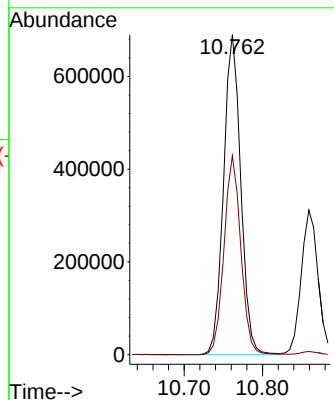
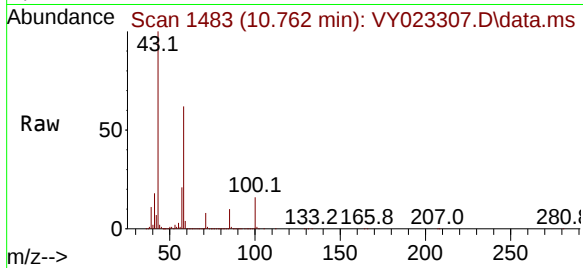




#59
2-Hexanone
Concen: 534.935 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

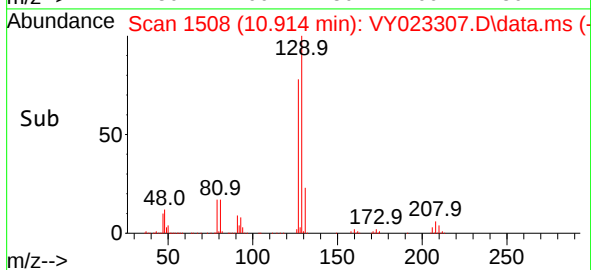
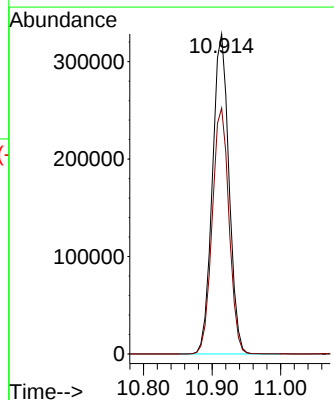
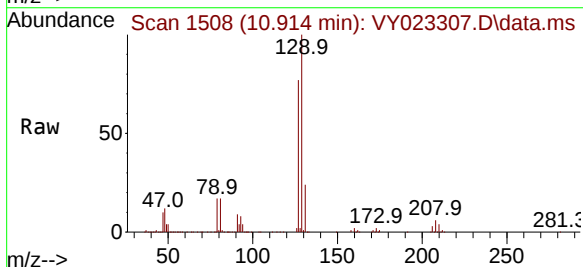
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

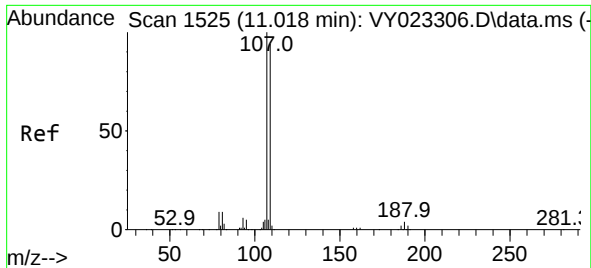
Tgt Ion: 43 Resp: 1053914
Ion Ratio Lower Upper
43 100
58 60.8 30.6 91.6



#60
Dibromochloromethane
Concen: 99.344 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 129 Resp: 551888
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

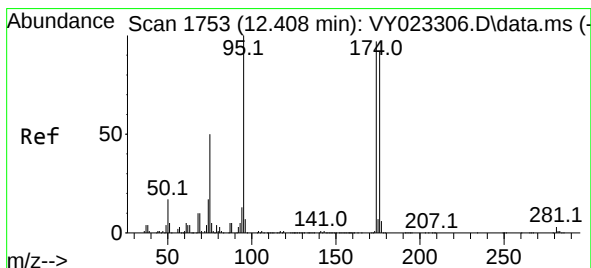
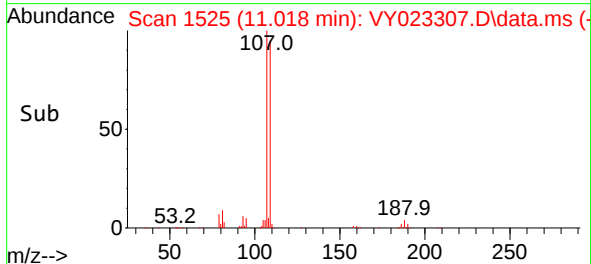
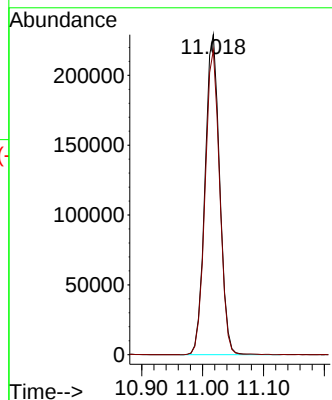
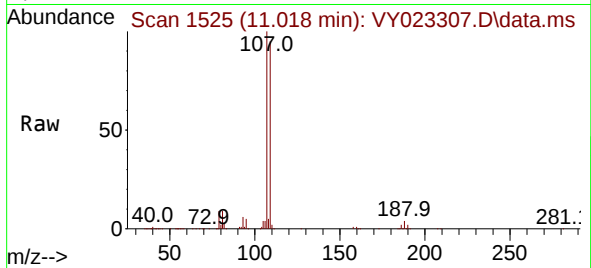




#61
1,2-Dibromoethane
Concen: 99.524 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

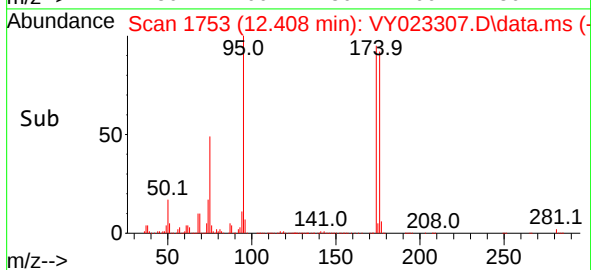
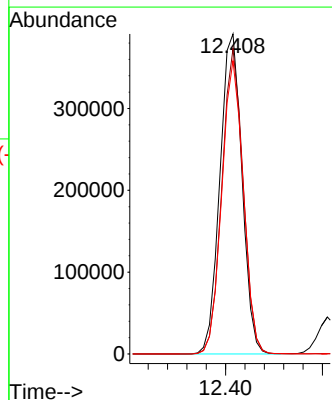
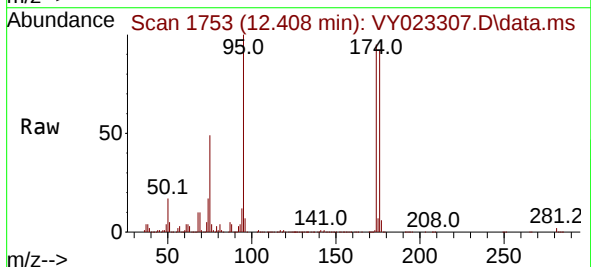
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

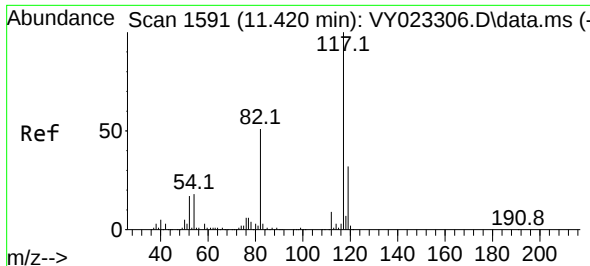
Tgt Ion:107 Resp: 381843
Ion Ratio Lower Upper
107 100
109 94.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 102.780 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 95 Resp: 617410
Ion Ratio Lower Upper
95 100
174 92.2 0.0 184.0
176 89.6 0.0 178.8

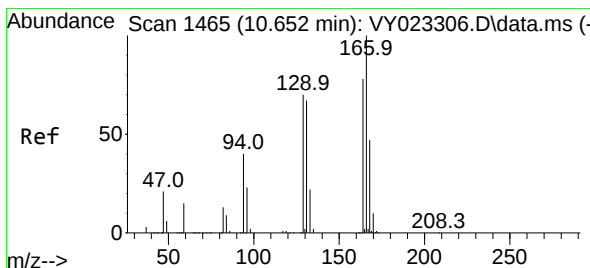
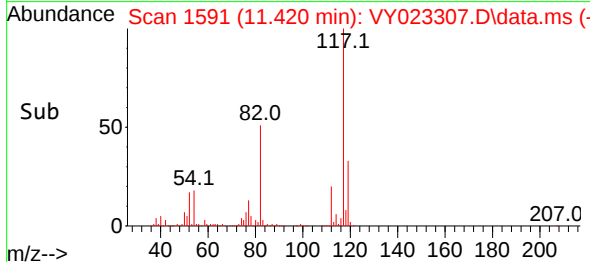
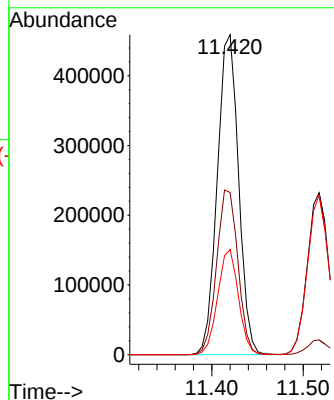
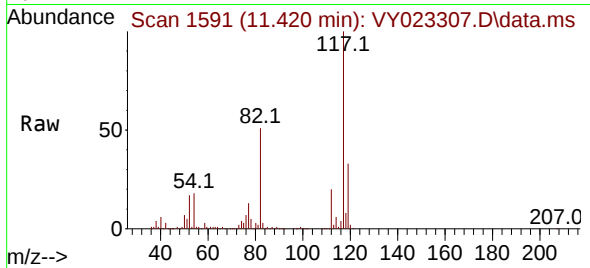




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

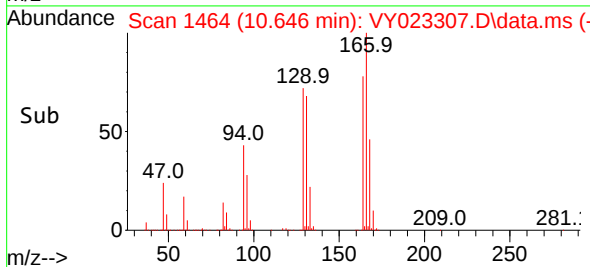
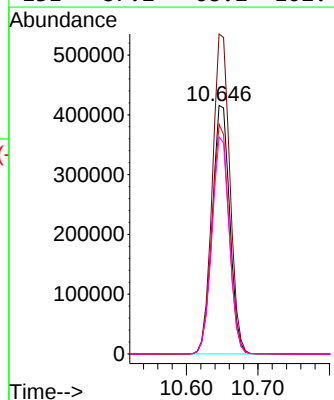
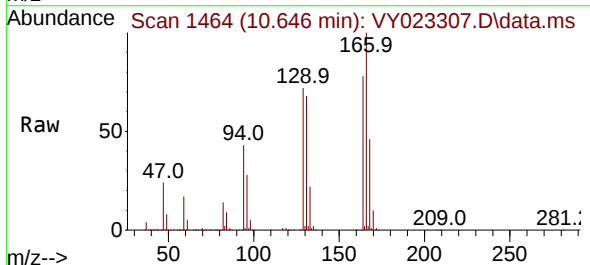
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

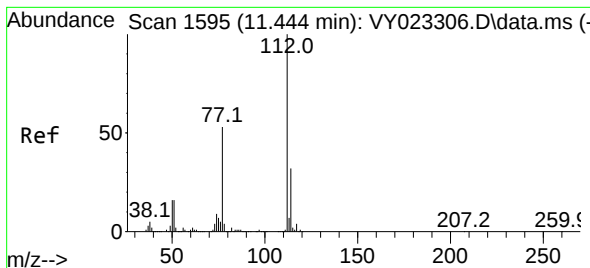
Tgt Ion:117 Resp: 743780
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 94.727 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:164 Resp: 702212
Ion Ratio Lower Upper
164 100
166 128.8 102.0 153.0
129 92.4 71.2 106.8
131 87.2 68.2 102.4

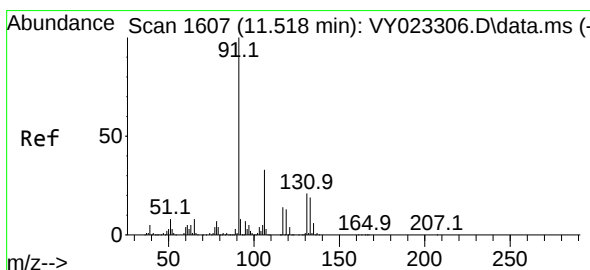
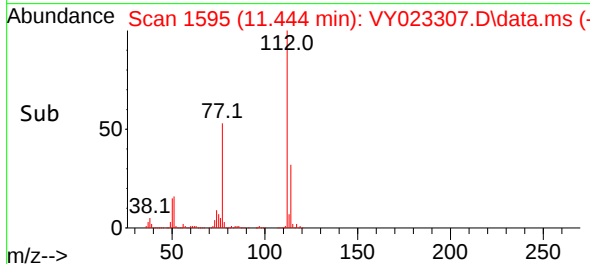
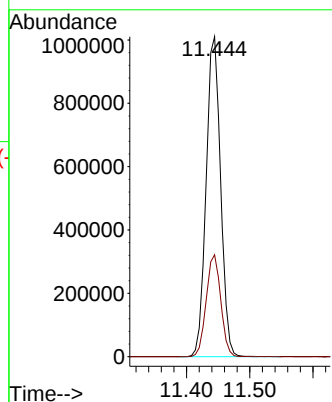
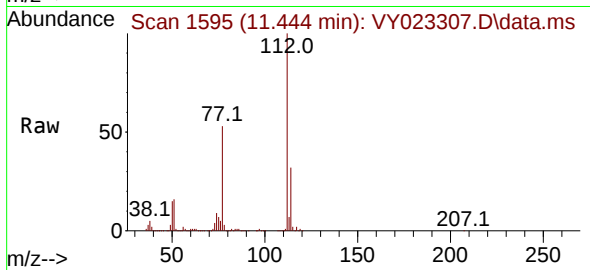




#65
Chlorobenzene
Concen: 98.723 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

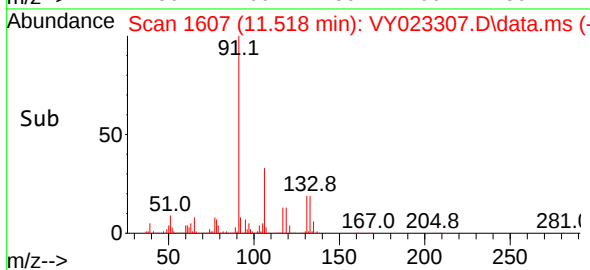
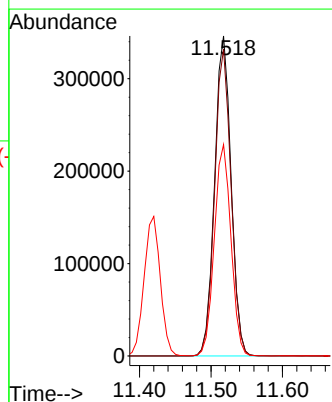
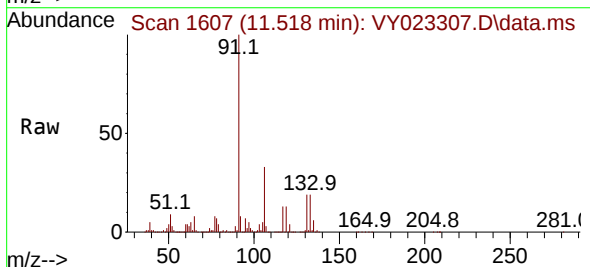
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

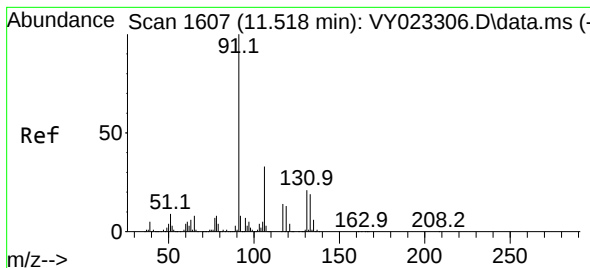
Tgt Ion:112 Resp: 1608611
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 96.868 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:131 Resp: 554017
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 103.285 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

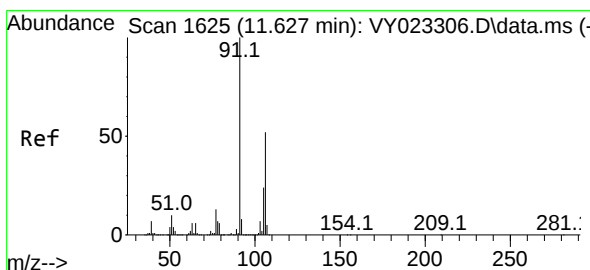
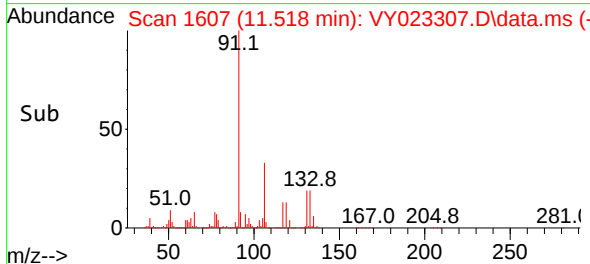
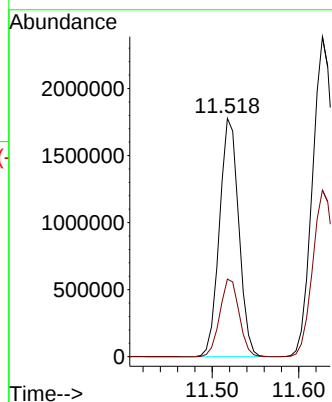
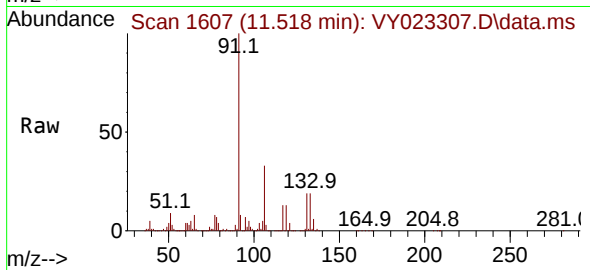
VSTDIC100

Tgt Ion: 91 Resp: 2749443

Ion Ratio Lower Upper

91 100

106 32.6 26.1 39.1



#68

m/p-Xylenes

Concen: 205.254 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023307.D

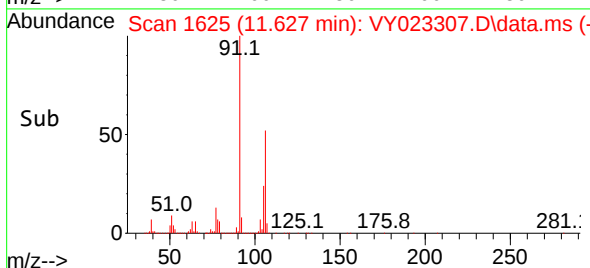
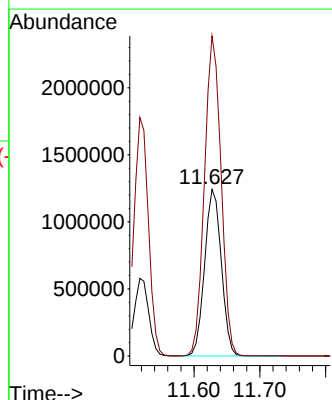
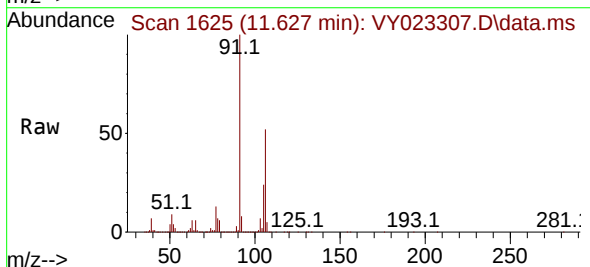
Acq: 08 Sep 2025 11:46

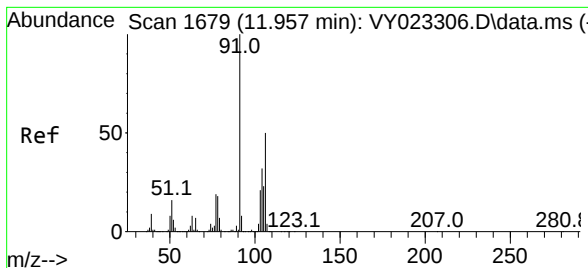
Tgt Ion:106 Resp: 2187870

Ion Ratio Lower Upper

106 100

91 191.6 153.9 230.9

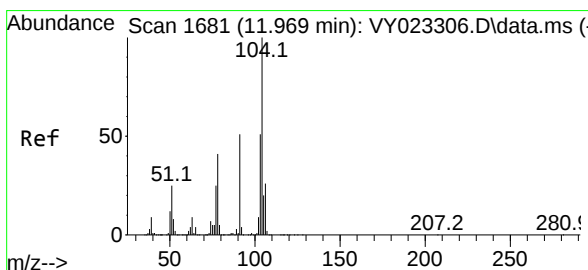
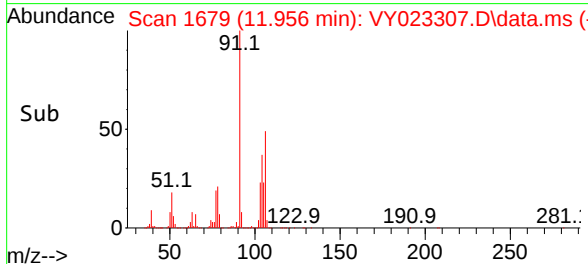
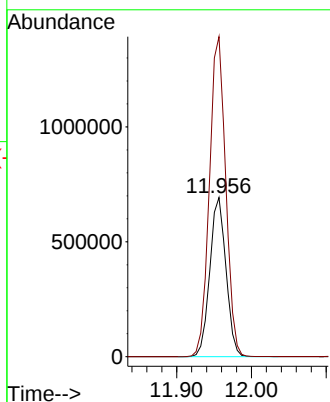
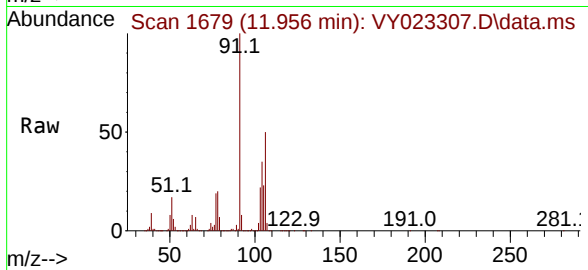




#69
o-Xylene
Concen: 105.347 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

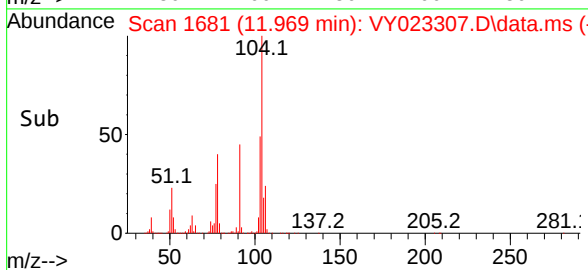
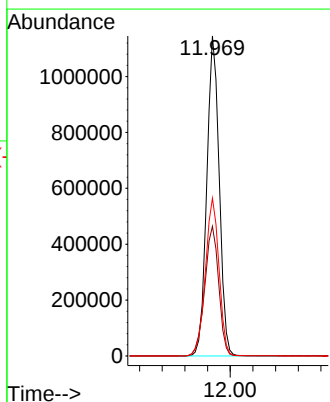
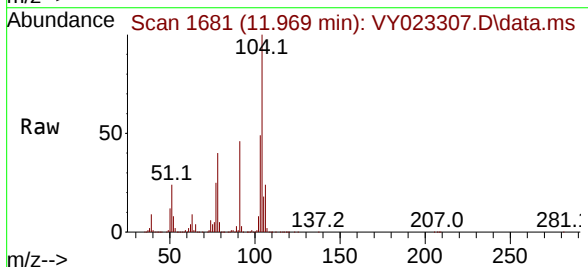
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

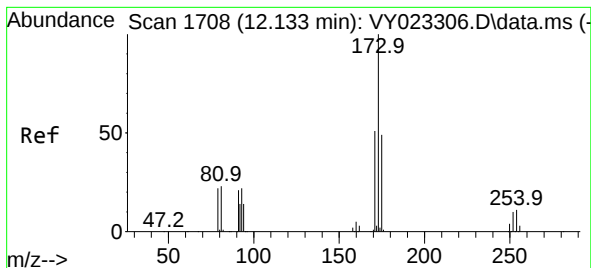
Tgt Ion:106 Resp: 1039517
Ion Ratio Lower Upper
106 100
91 202.6 102.2 306.5



#70
Styrene
Concen: 106.638 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:104 Resp: 1743947
Ion Ratio Lower Upper
104 100
78 45.4 36.0 54.0
103 53.9 43.2 64.8





#71

Bromoform

Concen: 99.750 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

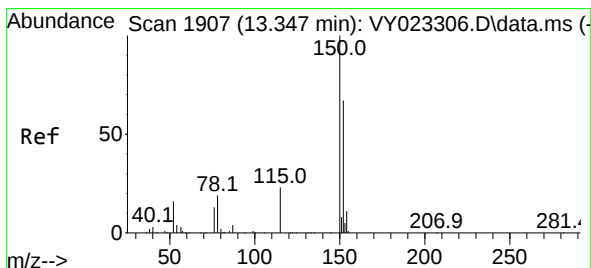
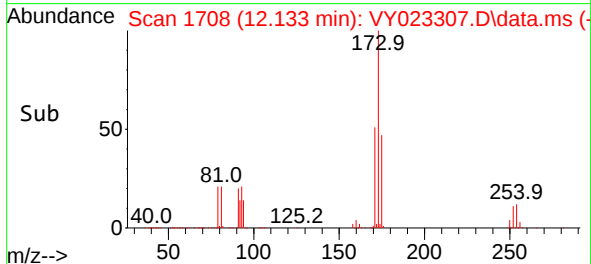
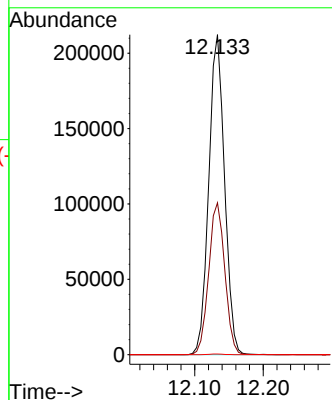
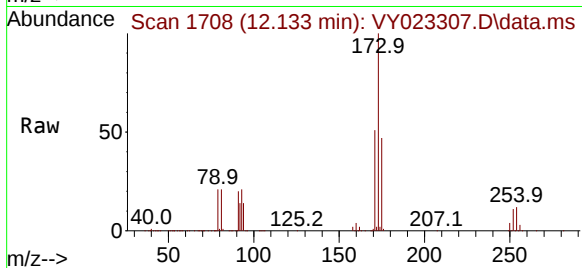
Tgt Ion:173 Resp: 339741

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

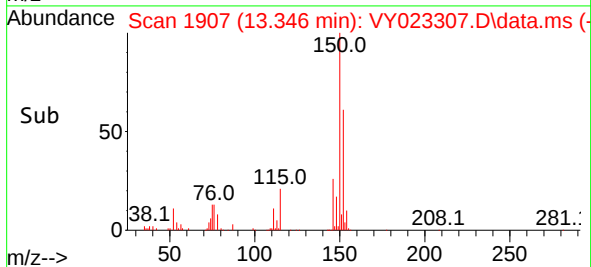
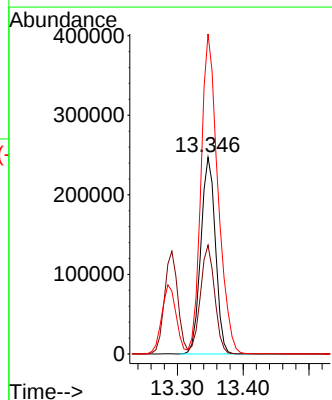
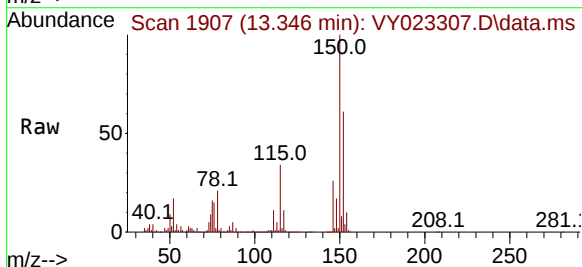
Tgt Ion:152 Resp: 380796

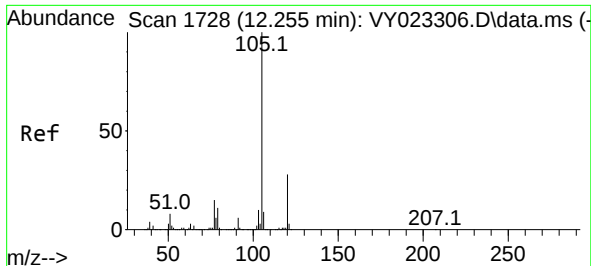
Ion Ratio Lower Upper

152 100

115 54.0 27.7 83.1

150 188.2 0.0 348.6

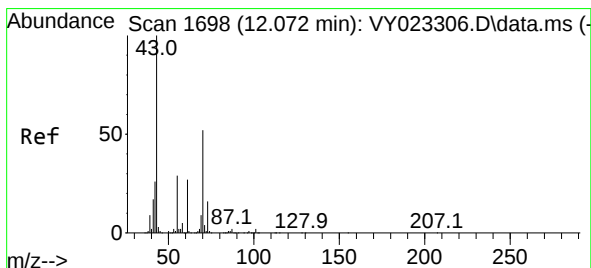
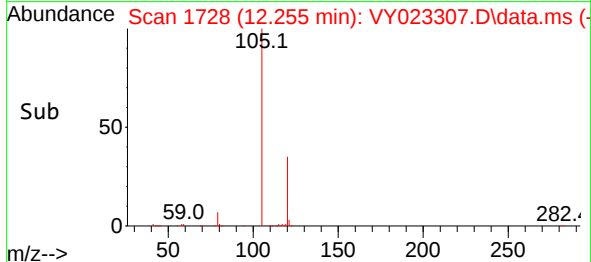
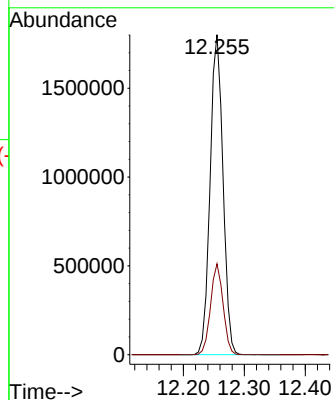
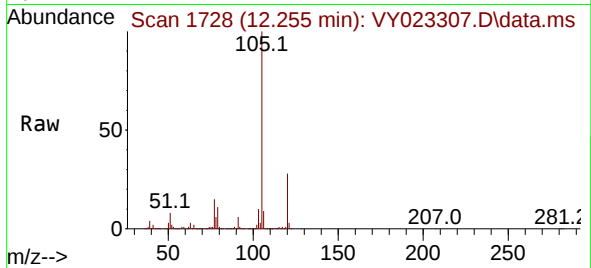




#73
Isopropylbenzene
Concen: 102.909 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

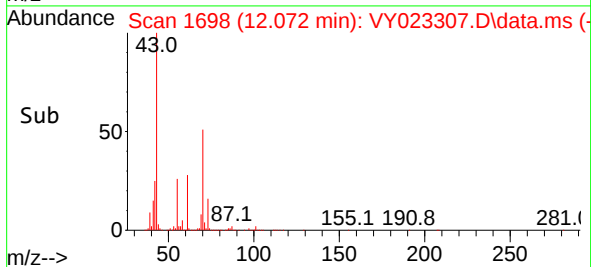
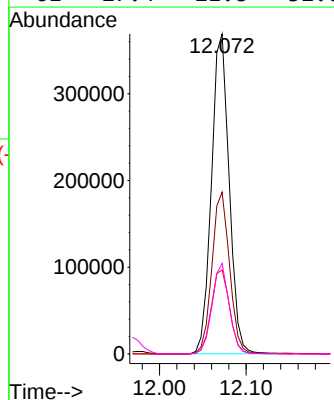
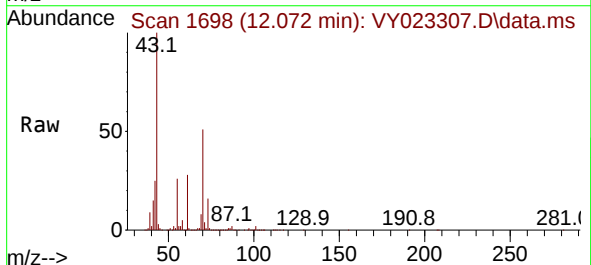
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

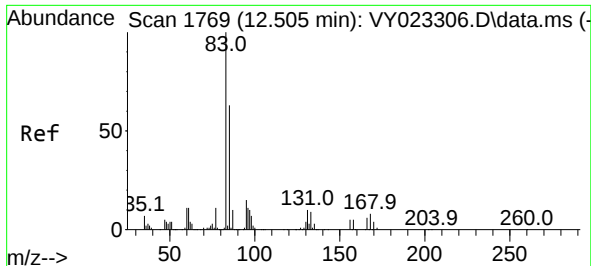
Tgt Ion:105 Resp: 2639661
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



#74
N-ethyl acetate
Concen: 108.058 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 43 Resp: 523912
Ion Ratio Lower Upper
43 100
70 50.5 41.0 61.4
55 27.3 23.3 34.9
61 27.4 21.8 32.6

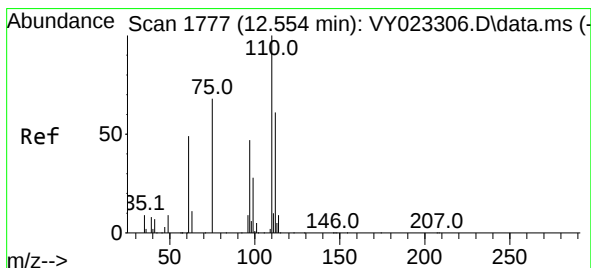
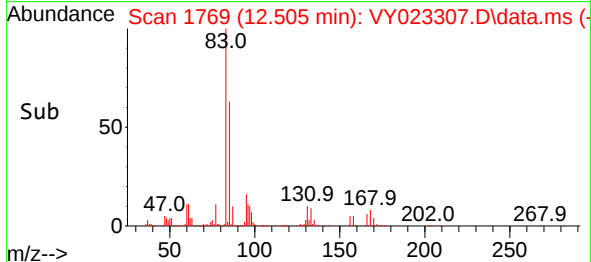
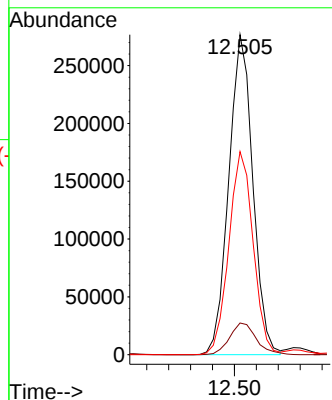
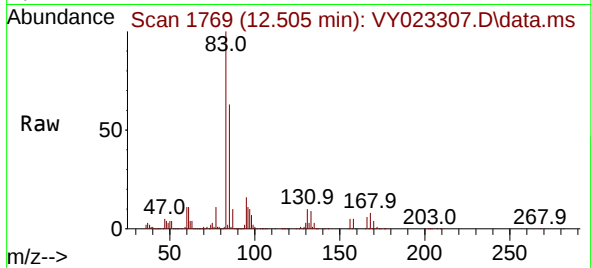




#75
1,1,2,2-Tetrachloroethane
Concen: 98.004 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

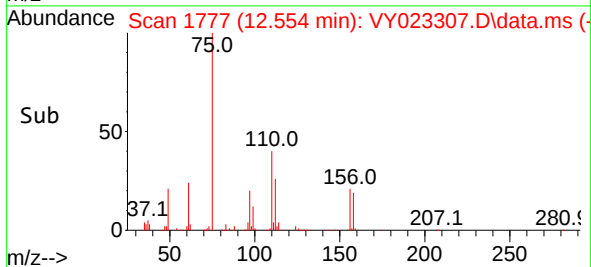
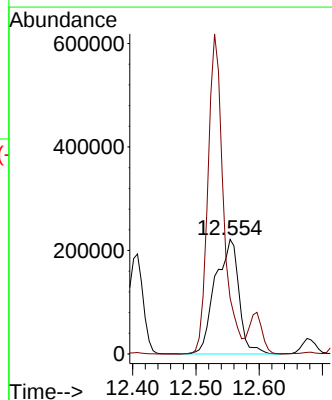
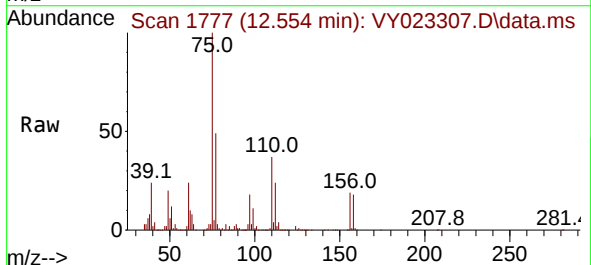
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

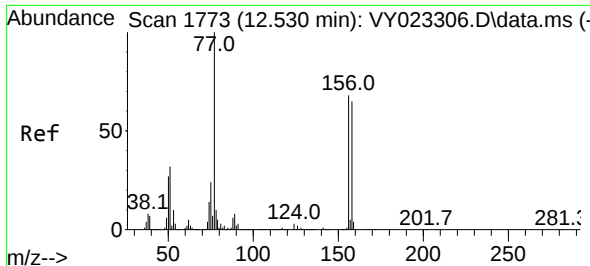
Tgt Ion: 83 Resp: 421897
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.7
85 64.1 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 136.296 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 75 Resp: 574232
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

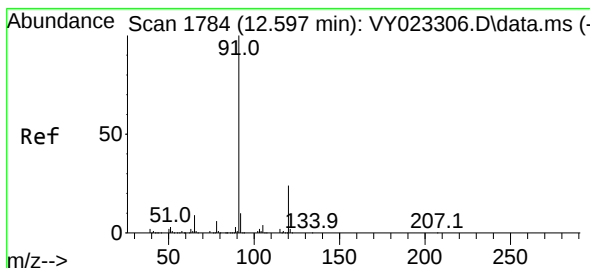
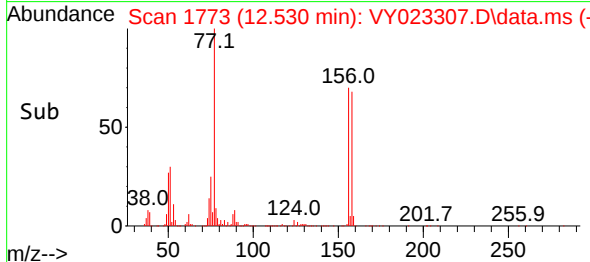
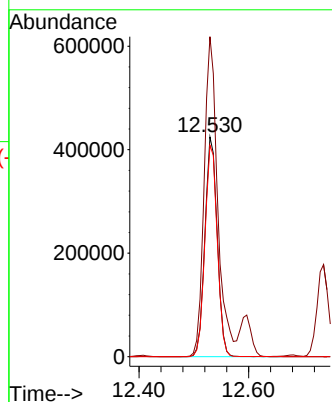
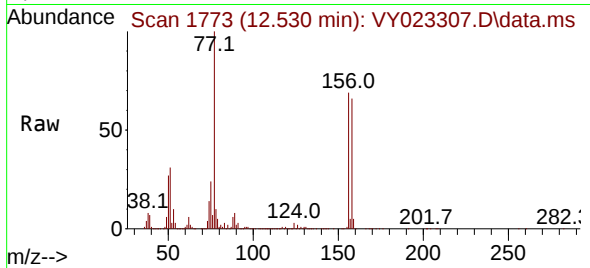




#77
Bromobenzene
Concen: 100.573 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

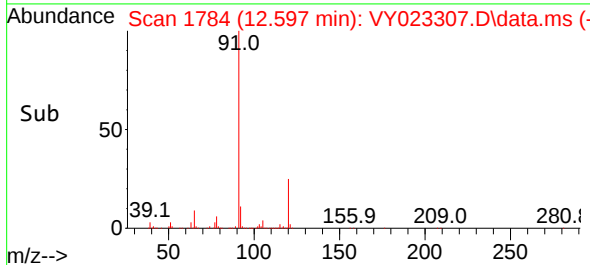
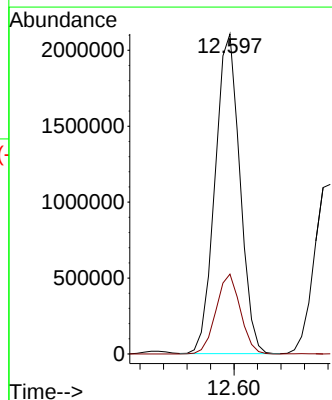
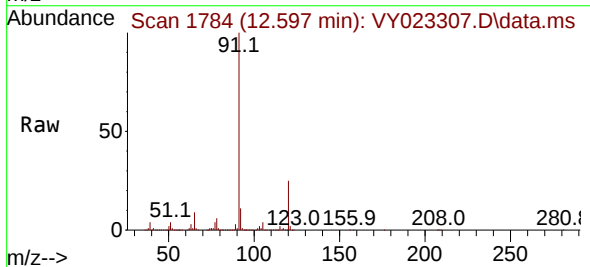
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

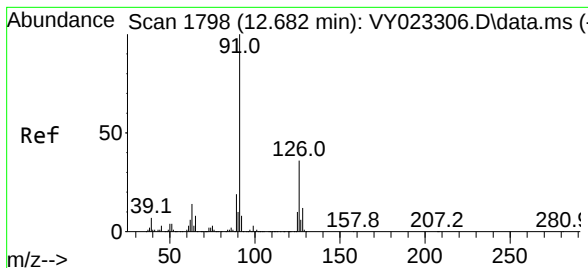
Tgt Ion:156 Resp: 659078
Ion Ratio Lower Upper
156 100
77 159.8 81.3 243.9
158 96.8 48.7 146.1



#78
n-propylbenzene
Concen: 102.095 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 91 Resp: 3086544
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.7

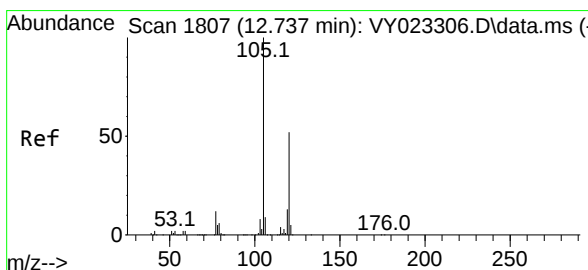
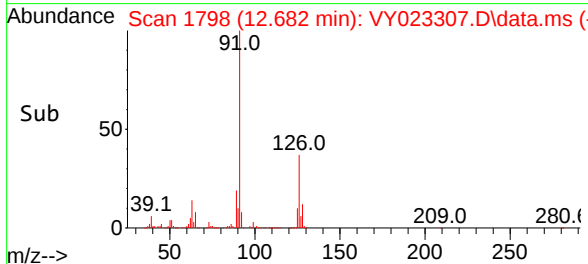
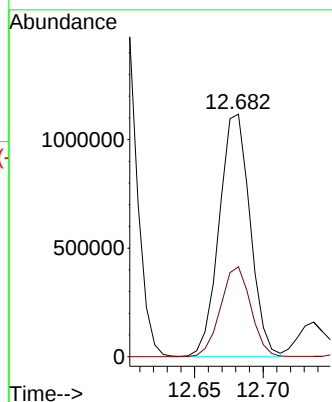
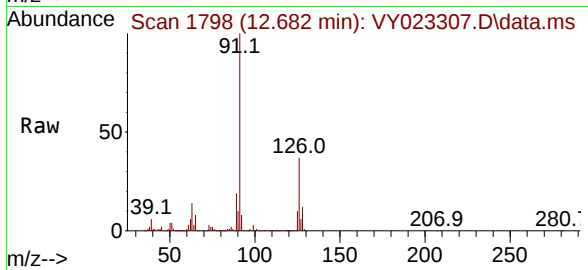




#79
2-Chlorotoluene
Concen: 100.617 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

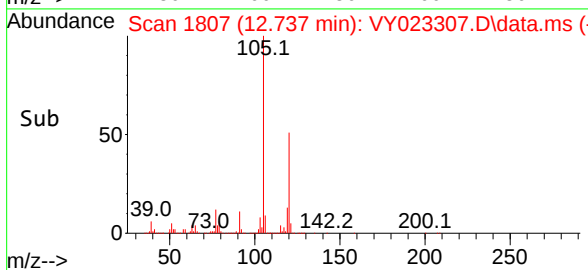
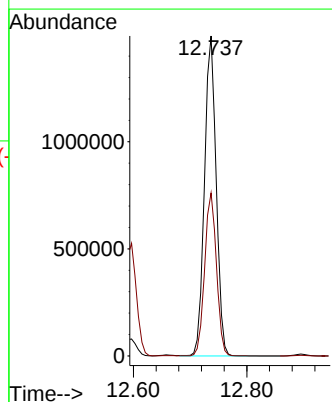
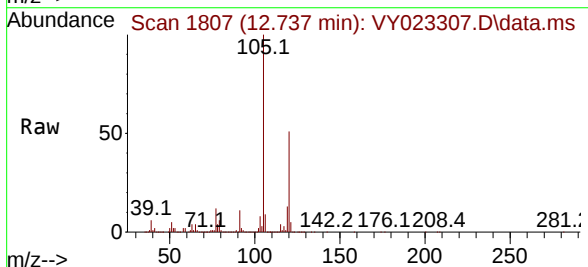
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

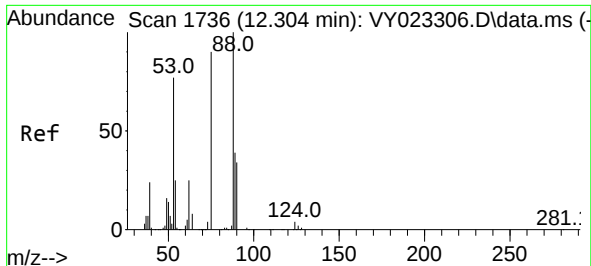
Tgt Ion: 91 Resp: 1752032
Ion Ratio Lower Upper
91 100
126 36.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 102.836 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion:105 Resp: 2145364
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4

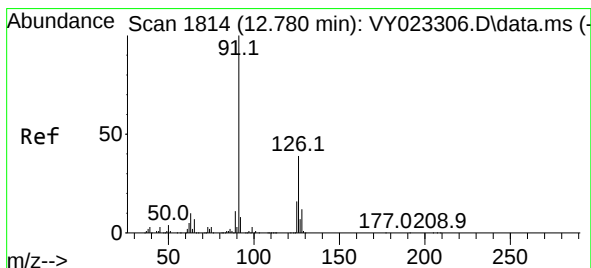
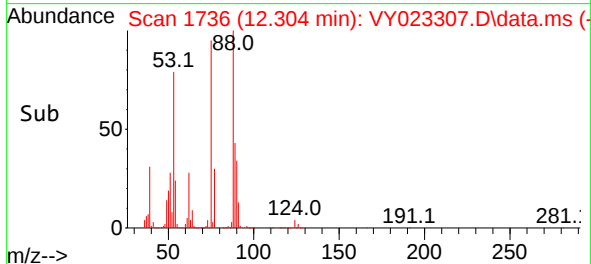
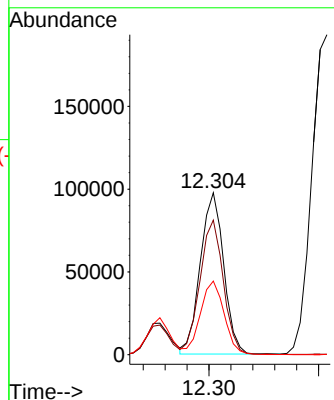
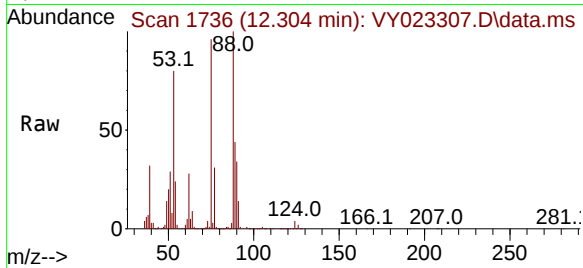




#81
trans-1,4-Dichloro-2-butene
Concen: 102.096 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

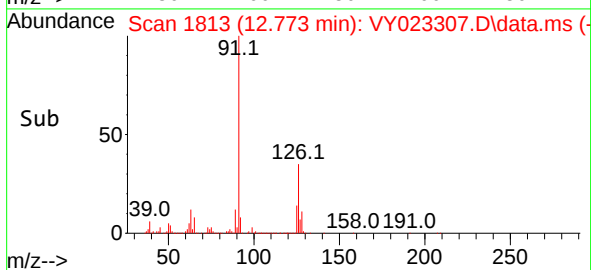
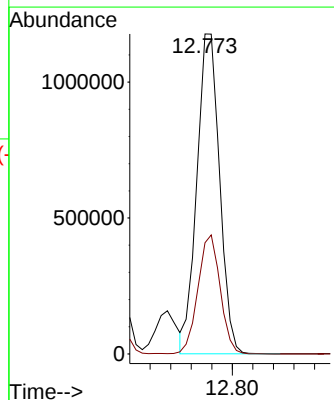
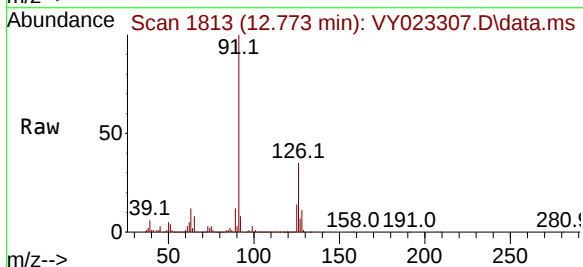
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

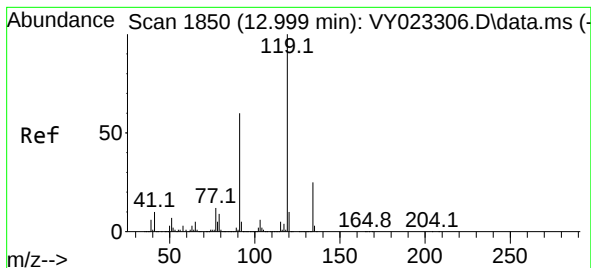
Tgt Ion: 75 Resp: 144370
Ion Ratio Lower Upper
75 100
53 83.8 70.9 106.3
89 46.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 99.353 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY023307.D
Acq: 08 Sep 2025 11:46

Tgt Ion: 91 Resp: 1810202
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.9





#83

tert-Butylbenzene

Concen: 103.549 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

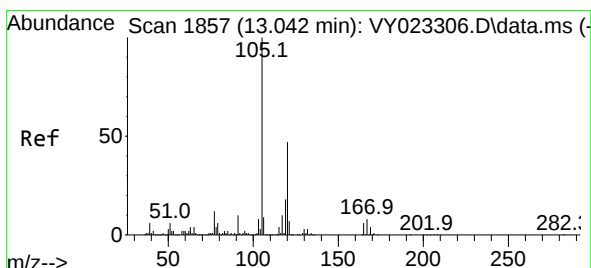
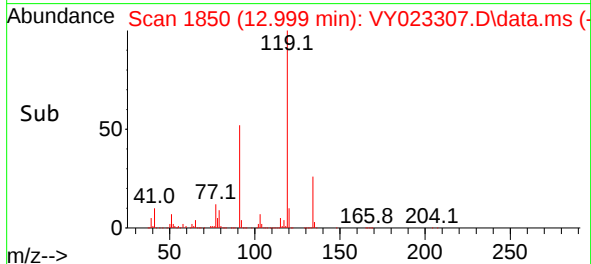
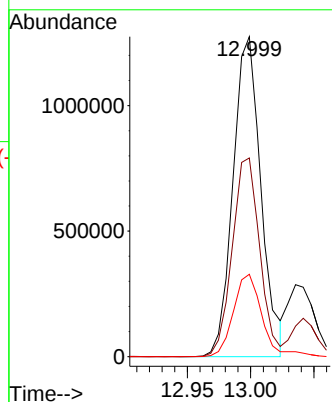
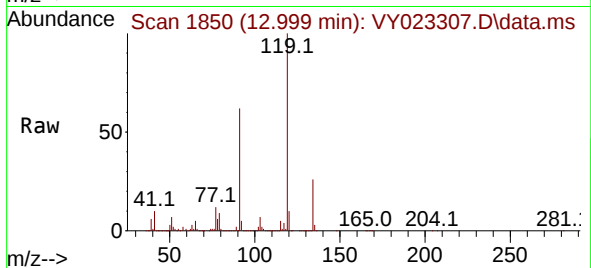
Tgt Ion:119 Resp: 1956520

Ion Ratio Lower Upper

119 100

91 61.1 30.3 90.8

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 103.667 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023307.D

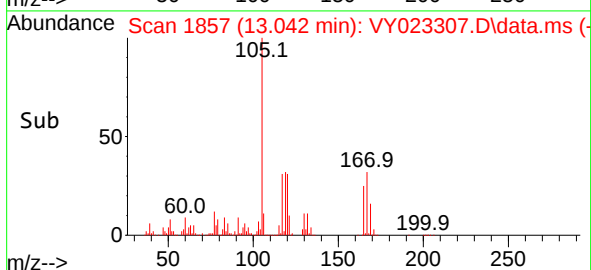
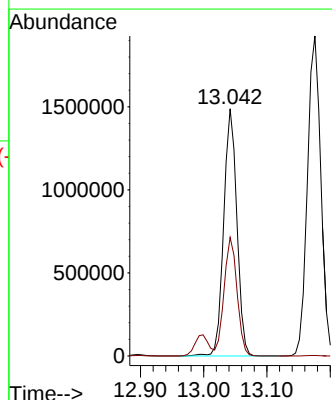
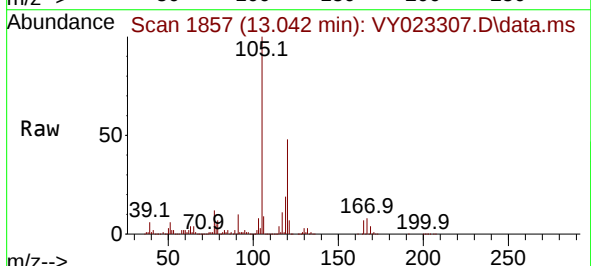
Acq: 08 Sep 2025 11:46

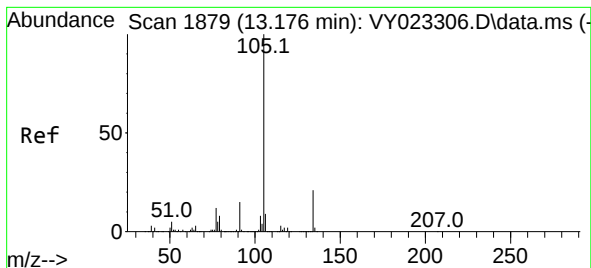
Tgt Ion:105 Resp: 2139509

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 102.701 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

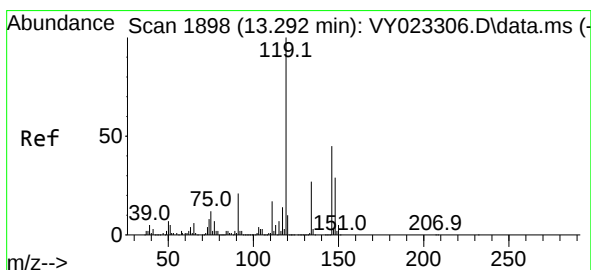
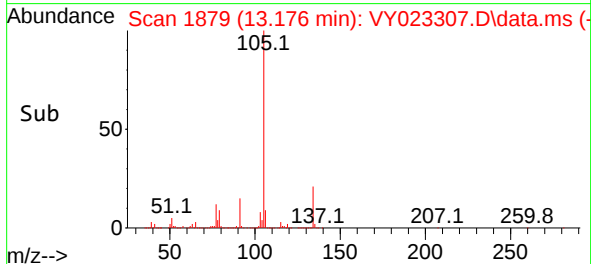
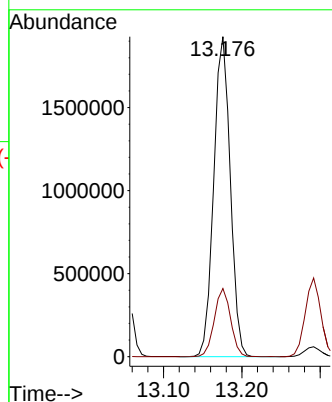
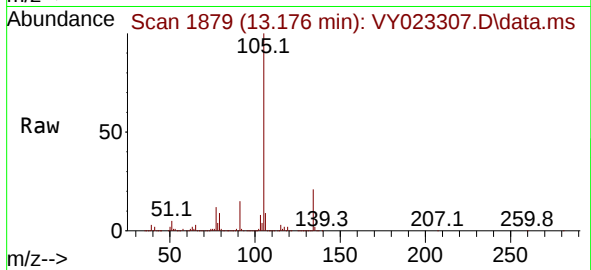
VSTDIC100

Tgt Ion:105 Resp: 2823391

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 105.309 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

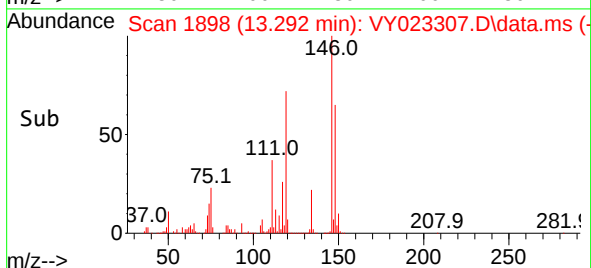
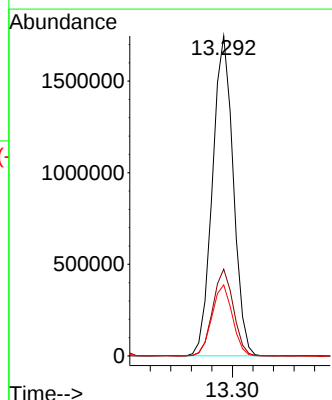
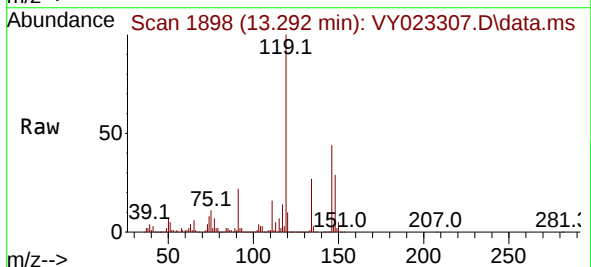
Tgt Ion:119 Resp: 2445488

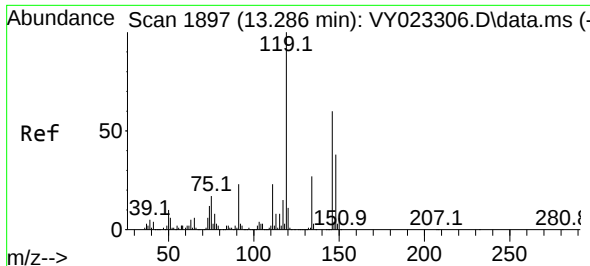
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 21.9 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 99.166 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

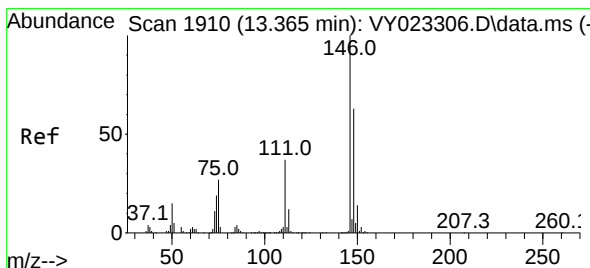
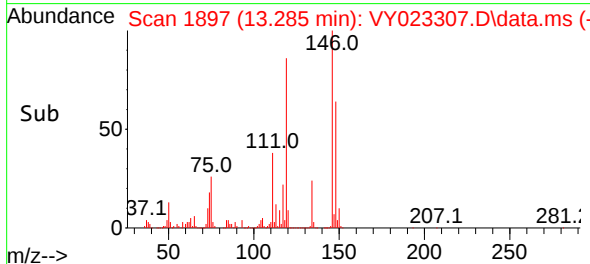
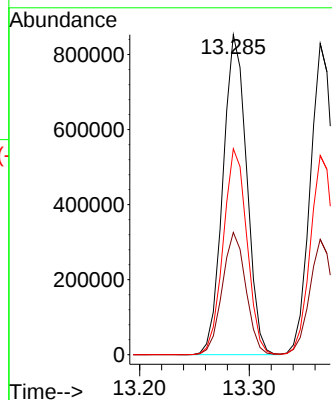
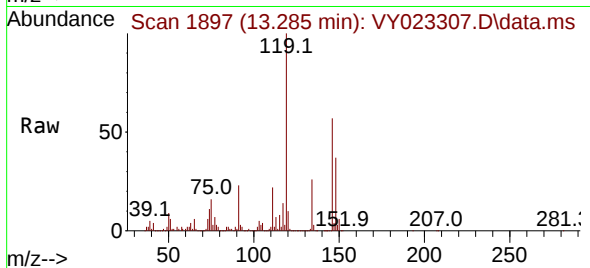
Tgt Ion:146 Resp: 1285942

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 96.785 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

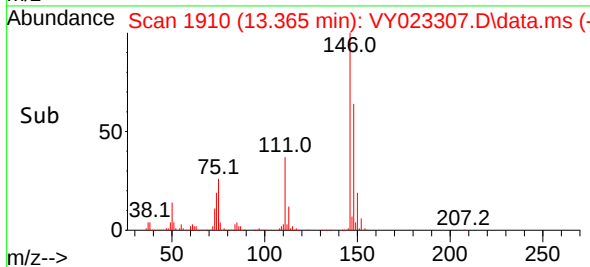
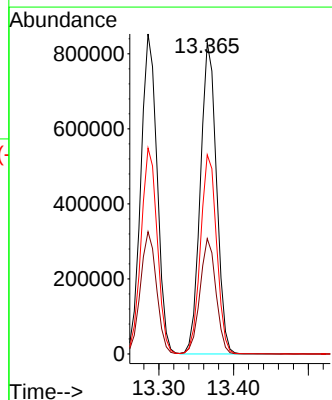
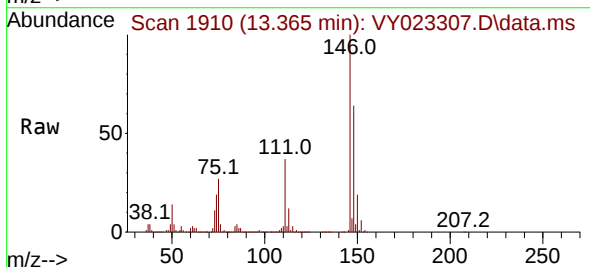
Tgt Ion:146 Resp: 1243124

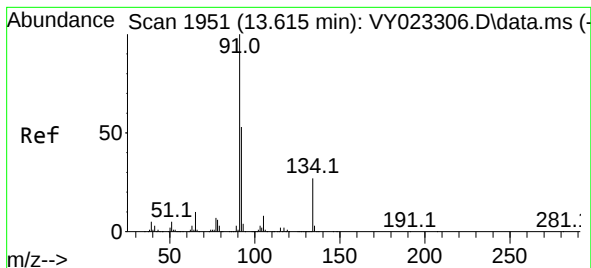
Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.9

148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 104.163 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

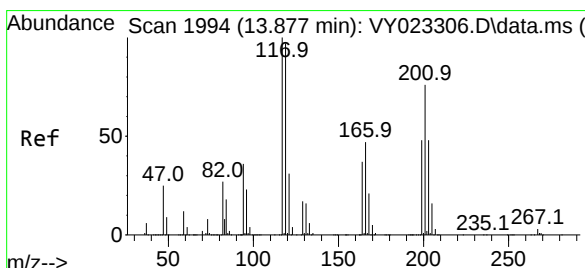
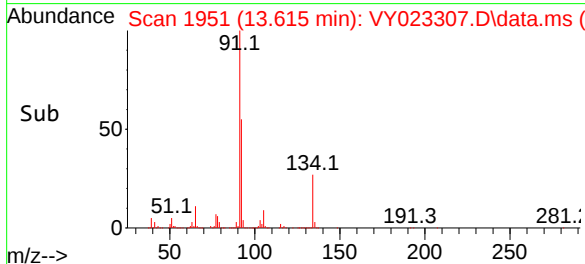
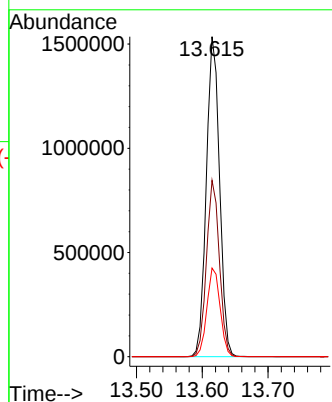
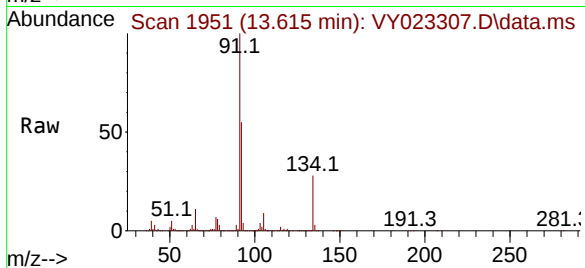
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2145204

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	27.7	13.6	40.8



#90

Hexachloroethane

Concen: 95.849 ug/l

RT: 13.877 min Scan# 1994

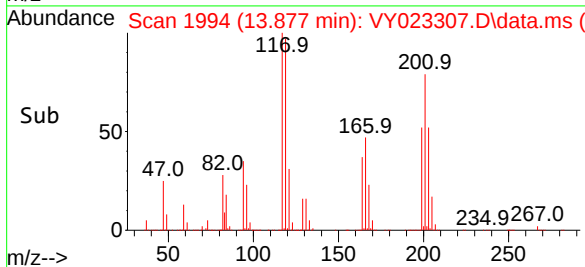
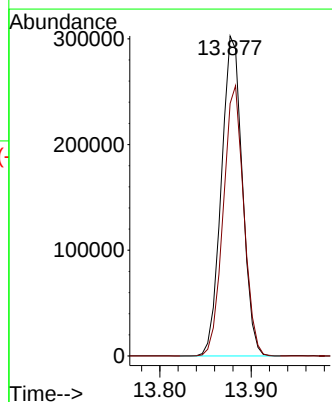
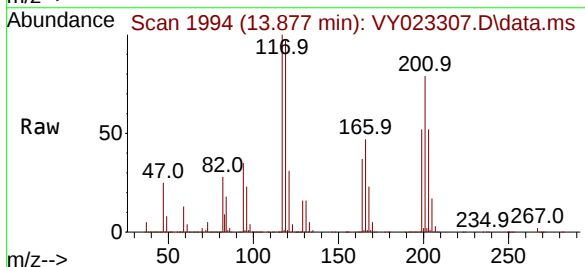
Delta R.T. -0.000 min

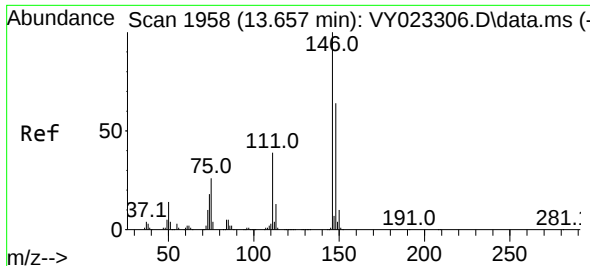
Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Tgt Ion: 117 Resp: 482549

Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.6	121.8

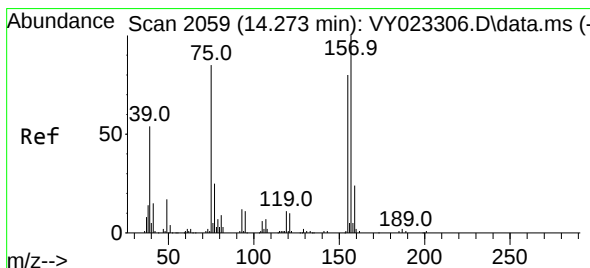
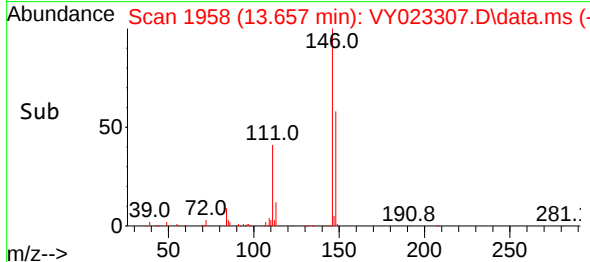
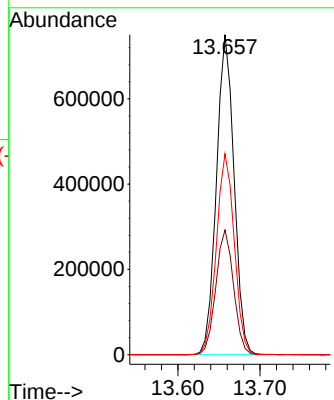
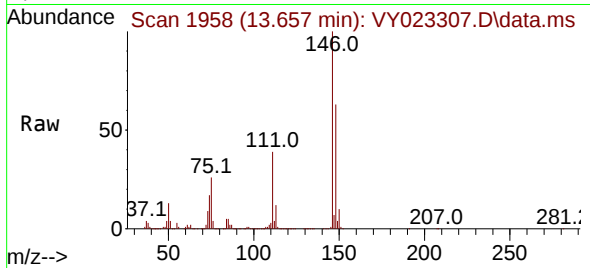




#91
 1,2-Dichlorobenzene
 Concen: 98.817 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

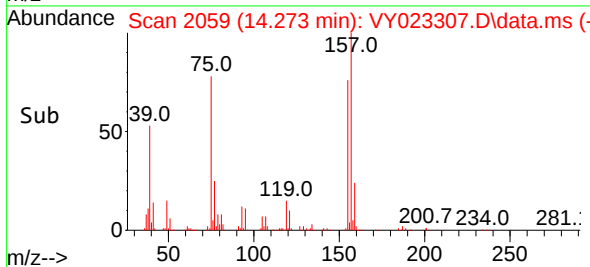
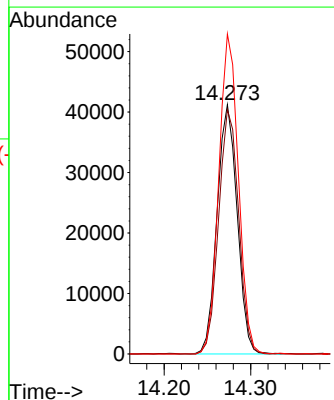
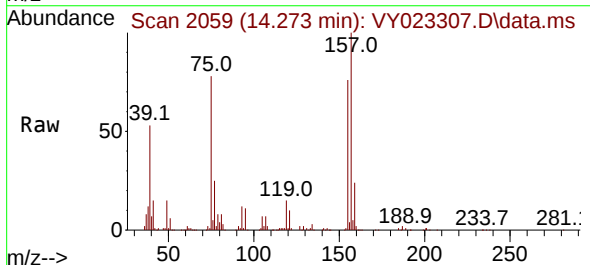
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

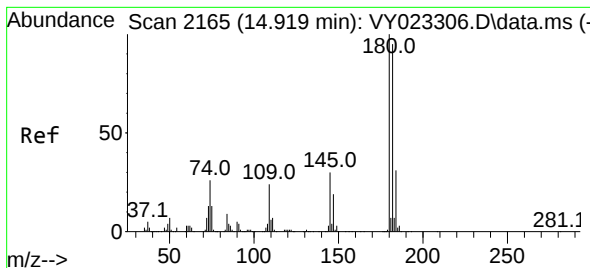
Tgt Ion:146 Resp: 1117264
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.434 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023307.D
 Acq: 08 Sep 2025 11:46

Tgt Ion: 75 Resp: 66490
 Ion Ratio Lower Upper
 75 100
 155 97.4 49.0 147.0
 157 125.0 62.2 186.6





#93

1,2,4-Trichlorobenzene

Concen: 106.666 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

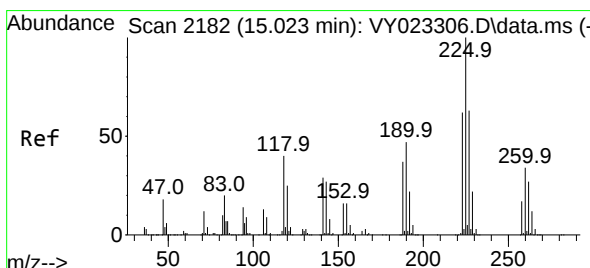
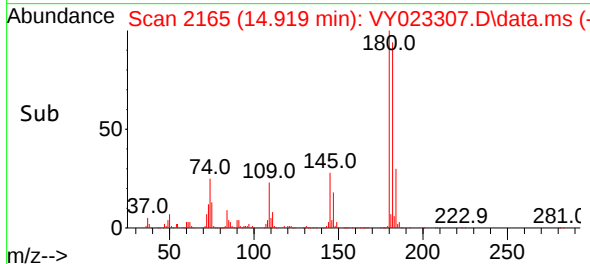
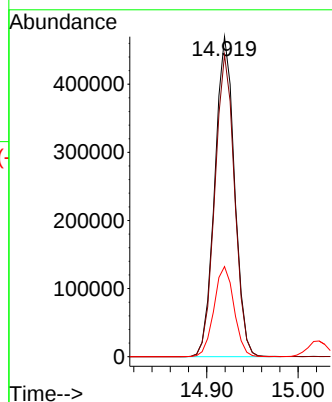
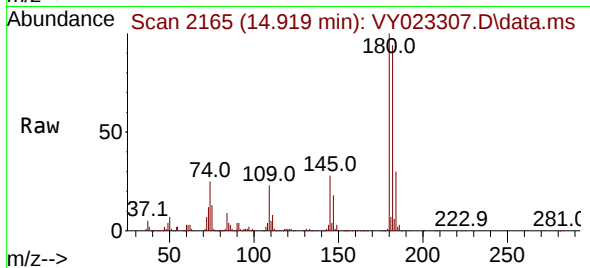
Tgt Ion:180 Resp: 703475

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 28.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 98.427 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

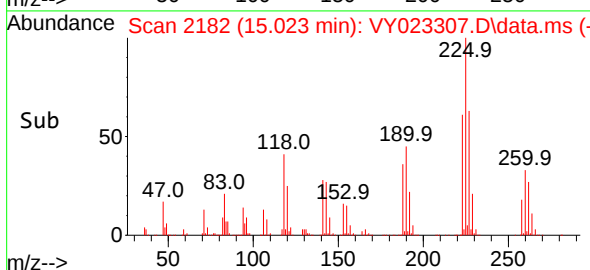
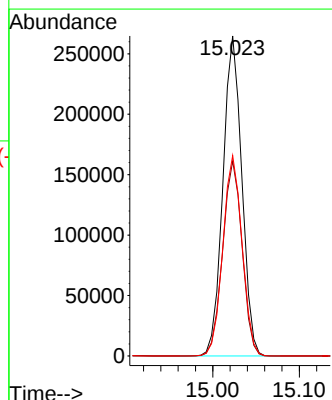
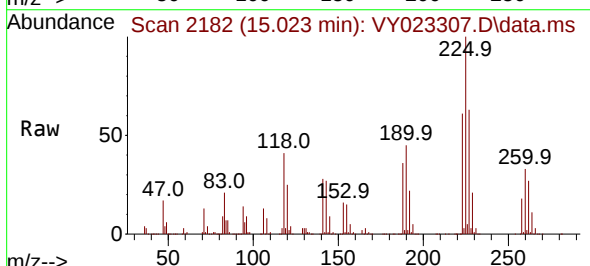
Tgt Ion:225 Resp: 401356

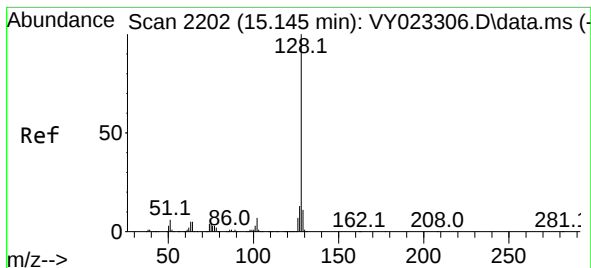
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 63.8 31.8 95.4





#95

Naphthalene

Concen: 115.544 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

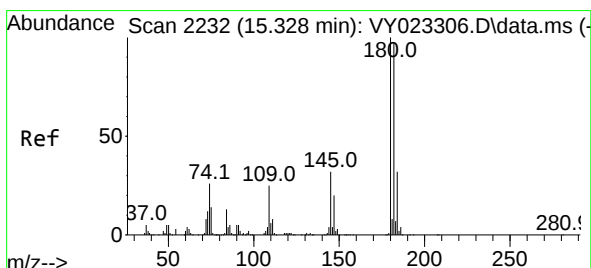
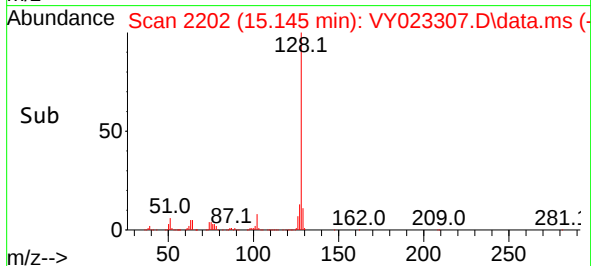
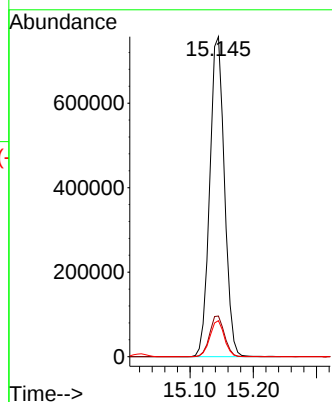
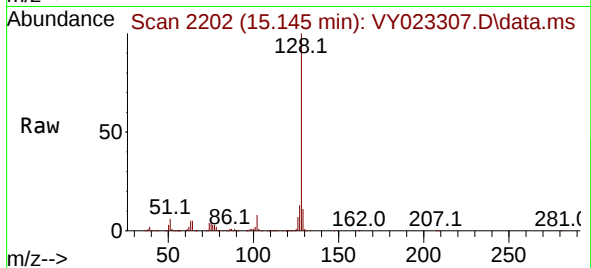
Tgt Ion:128 Resp: 1224801

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 104.545 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023307.D

Acq: 08 Sep 2025 11:46

Tgt Ion:180 Resp: 598796

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

145 30.8 15.6 46.8

