

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023867.D
 Acq On : 03 Dec 2025 13:42
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 04 01:37:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 01:33:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	485243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	770133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	632996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	302515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	22630	4.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.120%#		
35) Dibromofluoromethane	7.634	113	21854	4.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.640%#		
50) Toluene-d8	10.109	98	87605	4.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.020%#		
62) 4-Bromofluorobenzene	12.408	95	32244	4.947	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.900%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	12900	3.650	ug/l	93
3) Chloromethane	2.074	50	17750	3.522	ug/l	98
4) Vinyl Chloride	2.208	62	19943	3.432	ug/l	98
5) Bromomethane	2.611	94	17251	4.108	ug/l	97
6) Chloroethane	2.745	64	13252	3.393	ug/l	96
7) Trichlorofluoromethane	3.068	101	27935	3.485	ug/l	89
8) Diethyl Ether	3.458	74	7673	3.163	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	18130	3.782	ug/l	100
10) Methyl Iodide	4.007	142	12963	2.668	ug/l	97
11) Tert butyl alcohol	4.842	59	9195m	27.150	ug/l	
12) 1,1-Dichloroethene	3.800	96	15654	3.441	ug/l	80
13) Acrolein	3.659	56	4732	15.033	ug/l	98
14) Allyl chloride	4.397	41	23351	3.210	ug/l	99
15) Acrylonitrile	5.074	53	17061	16.108	ug/l #	87
16) Acetone	3.873	43	26735	18.827	ug/l	100
17) Carbon Disulfide	4.117	76	41696	3.099	ug/l	98
18) Methyl Acetate	4.397	43	7707	3.193	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	34739	3.033	ug/l	91
20) Methylene Chloride	4.623	84	28319	5.031	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	16198	3.245	ug/l	98
22) Diisopropyl ether	6.025	45	46476	2.902	ug/l #	85
23) Vinyl Acetate	5.970	43	123173	13.834	ug/l	99
24) 1,1-Dichloroethane	5.927	63	31093	3.362	ug/l	98
25) 2-Butanone	6.909	43	31653	18.473	ug/l	91
26) 2,2-Dichloropropane	6.884	77	33670	4.052	ug/l	94
27) cis-1,2-Dichloroethene	6.897	96	18903	3.248	ug/l	87
28) Bromochloromethane	7.250	49	19867	5.659	ug/l	96
29) Tetrahydrofuran	7.274	42	12295	13.869	ug/l	99
30) Chloroform	7.427	83	32898	3.539	ug/l	93
31) Cyclohexane	7.707	56	34657	3.929	ug/l #	61
32) 1,1,1-Trichloroethane	7.622	97	27698	3.312	ug/l	96
36) 1,1-Dichloropropene	7.841	75	22073	3.124	ug/l	98
37) Ethyl Acetate	6.994	43	10132m	3.117	ug/l	
38) Carbon Tetrachloride	7.823	117	26064	3.364	ug/l	93
39) Methylcyclohexane	9.110	83	28462	3.092	ug/l	94
40) Benzene	8.085	78	69301	3.247	ug/l	96

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Dec 04 01:37:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 01:33:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	5361m	3.269	ug/l	
42) 1,2-Dichloroethane	8.165	62	17446	3.106	ug/l	99
43) Isopropyl Acetate	8.207	43	17400	2.818	ug/l #	87
44) Trichloroethene	8.866	130	18824	3.446	ug/l	97
45) 1,2-Dichloropropane	9.146	63	16774	3.304	ug/l	100
46) Dibromomethane	9.231	93	8609	3.139	ug/l	98
47) Bromodichloromethane	9.427	83	22428	3.088	ug/l	95
48) Methyl methacrylate	9.231	41	7125	2.457	ug/l #	87
49) 1,4-Dioxane	9.238	88	1845	61.387	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	42893	13.274	ug/l	98
52) Toluene	10.170	92	39071	2.919	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	18068	2.760	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	22439	2.915	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	11965	3.243	ug/l	94
56) Ethyl methacrylate	10.445	69	11102	2.337	ug/l	97
57) 1,3-Dichloropropane	10.719	76	19426	3.065	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.713	63	23213	10.926	ug/l	98
59) 2-Hexanone	10.762	43	31887	13.050	ug/l	96
60) Dibromochloromethane	10.914	129	14890	3.012	ug/l	96
61) 1,2-Dibromoethane	11.018	107	10164	2.996	ug/l	97
64) Tetrachloroethene	10.652	164	19884	3.318	ug/l	97
65) Chlorobenzene	11.444	112	45690	3.254	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	15587	3.248	ug/l	98
67) Ethyl Benzene	11.518	91	72334	2.987	ug/l	99
68) m/p-Xylenes	11.633	106	53945	5.828	ug/l	97
69) o-Xylene	11.957	106	24297	2.792	ug/l	100
70) Styrene	11.975	104	40004	2.805	ug/l	99
71) Bromoform	12.133	173	8526	3.120	ug/l #	98
73) Isopropylbenzene	12.255	105	64173	2.969	ug/l	100
74) N-amyl acetate	12.072	43	11935	2.530	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	11265	3.203	ug/l	94
76) 1,2,3-Trichloropropane	12.560	75	9474m	2.113	ug/l	
77) Bromobenzene	12.536	156	16757	3.324	ug/l	100
78) n-propylbenzene	12.597	91	81300	3.134	ug/l	99
79) 2-Chlorotoluene	12.682	91	47877	3.242	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	51761	2.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4030	3.267	ug/l	96
82) 4-Chlorotoluene	12.780	91	49348	3.229	ug/l	97
83) tert-Butylbenzene	12.999	119	47521	3.009	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	51218	2.949	ug/l	100
85) sec-Butylbenzene	13.176	105	69906	2.981	ug/l	98
86) p-Isopropyltoluene	13.292	119	56002	2.883	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	34809	3.458	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	35675	3.588	ug/l	94
89) n-Butylbenzene	13.621	91	55168	3.062	ug/l	99
90) Hexachloroethane	13.883	117	13544	3.316	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	30160	3.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2025	3.650	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	17254	3.325	ug/l	97
94) Hexachlorobutadiene	15.023	225	11916	3.643	ug/l	98
95) Naphthalene	15.145	128	24030	2.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	15302	3.453	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

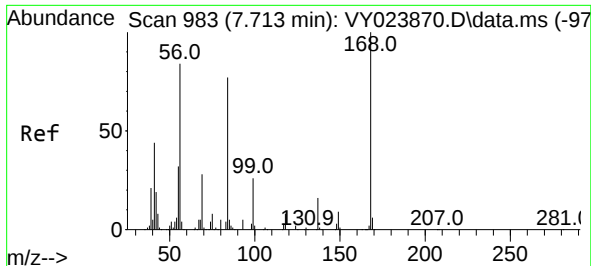
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 01:37:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 01:33:58 2025
Response via : Initial Calibration

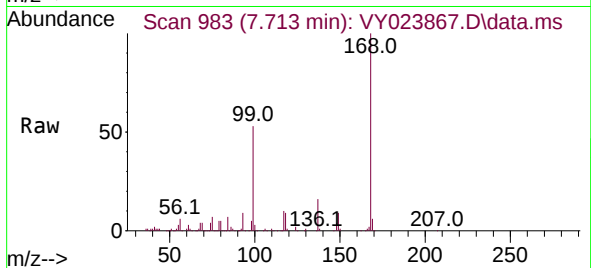
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

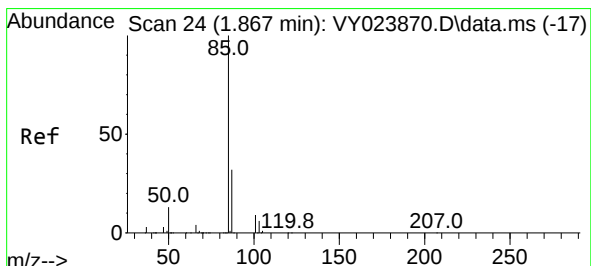
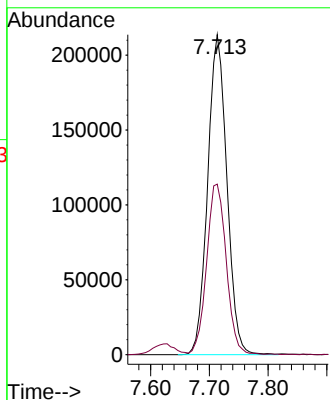
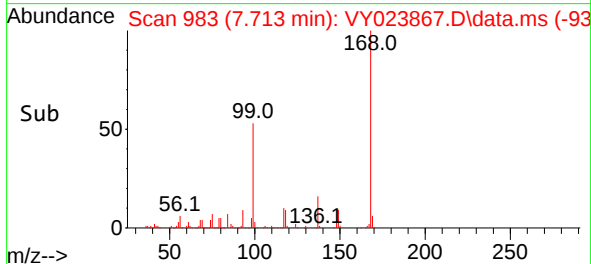
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 485243
Ion Ratio Lower Upper
168 100
99 53.2 42.5 63.7

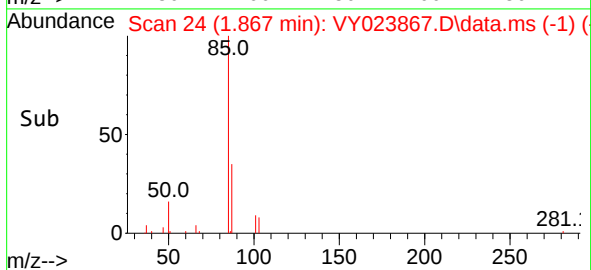
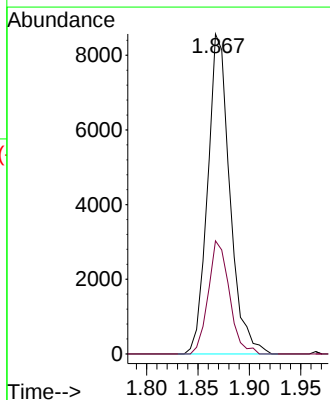
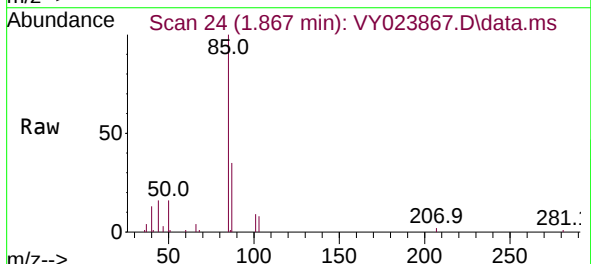
Manual Integrations
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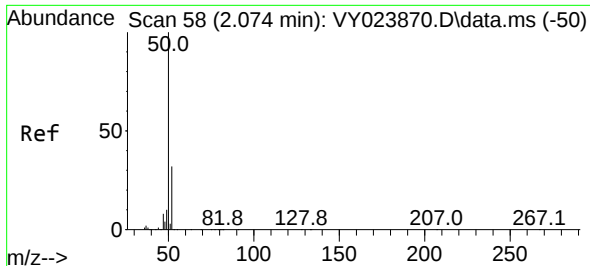
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 3.650 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

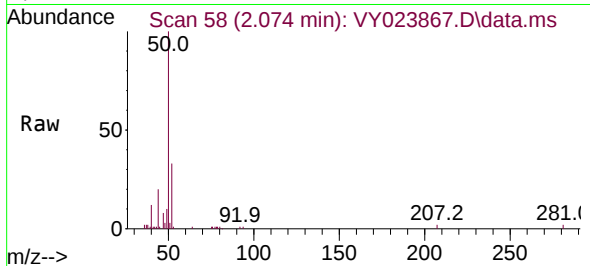
Tgt Ion: 85 Resp: 12900
Ion Ratio Lower Upper
85 100
87 35.3 15.9 47.6





#3
Chloromethane
Concen: 3.522 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

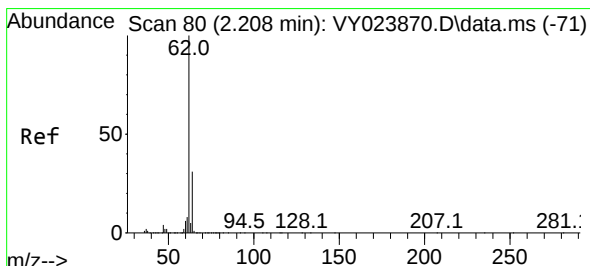
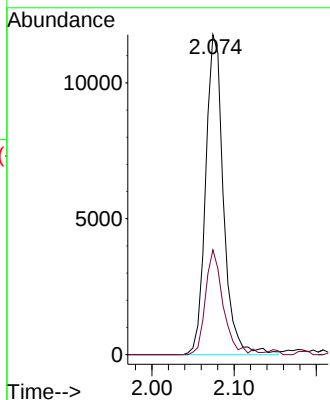
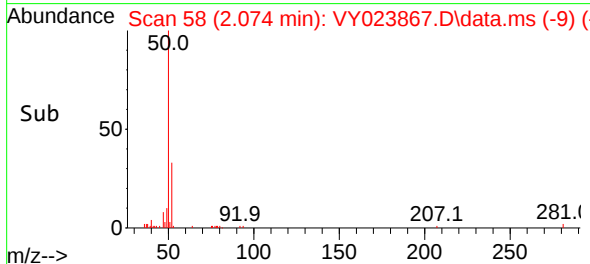
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



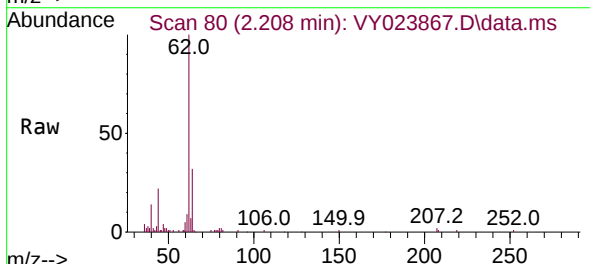
Tgt Ion: 50 Resp: 17750
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8

Manual Integrations
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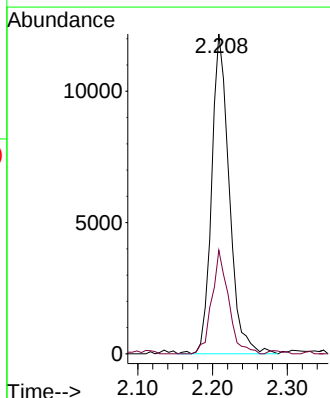
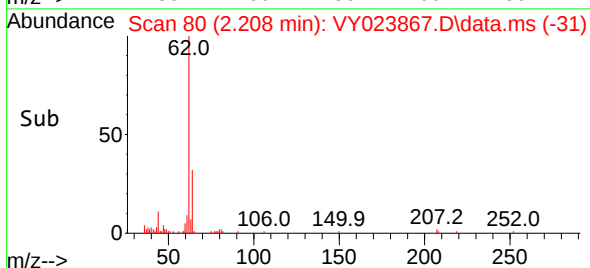
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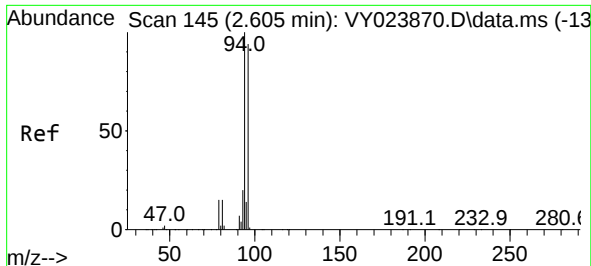


#4
Vinyl Chloride
Concen: 3.432 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



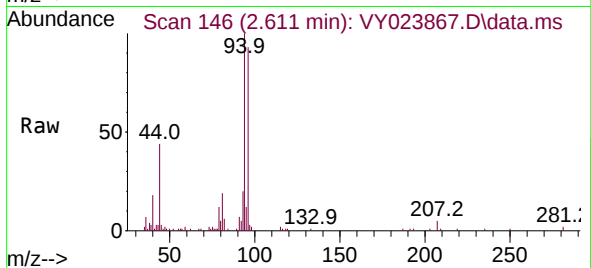
Tgt Ion: 62 Resp: 19943
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5
Bromomethane
Concen: 4.108 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

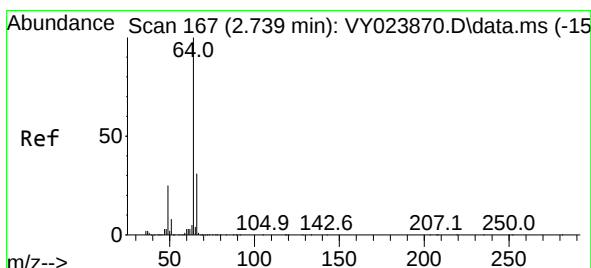
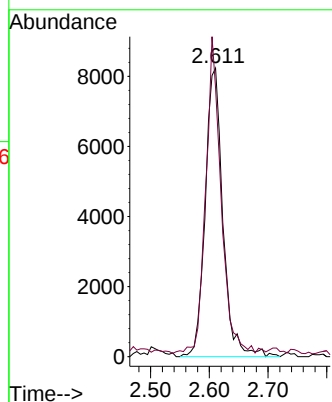
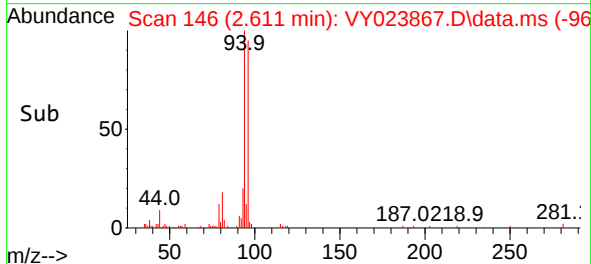
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1725
Ion Ratio Lower Upper
94 100
96 91.3 75.2 112.8

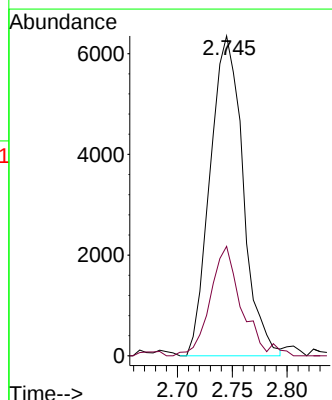
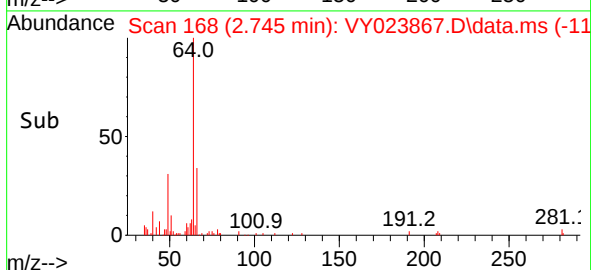
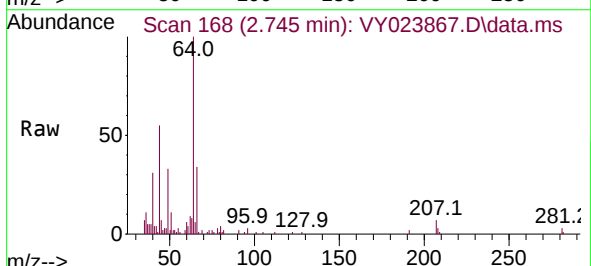
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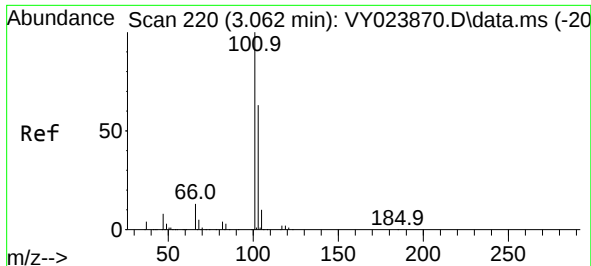
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 3.393 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 64 Resp: 13252
Ion Ratio Lower Upper
64 100
66 33.1 24.8 37.2





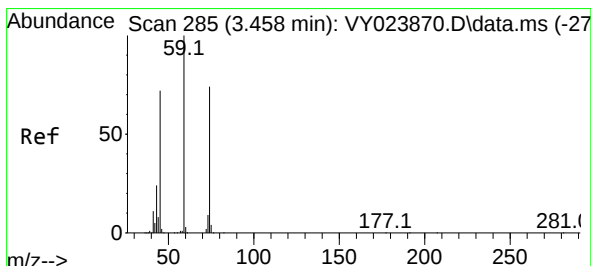
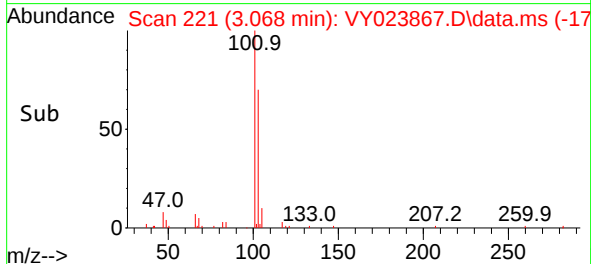
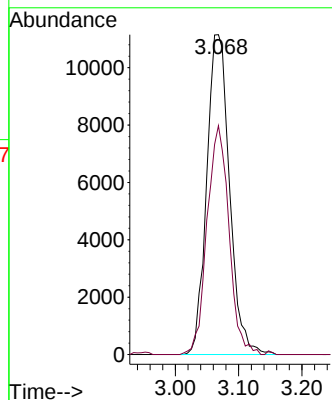
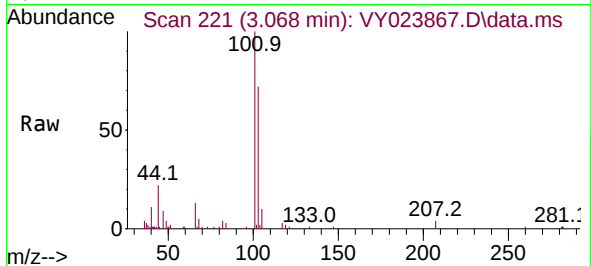
#7
Trichlorofluoromethane
Concen: 3.485 ug/l
RT: 3.068 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 27935
Ion Ratio Lower Upper
101 100
103 71.5 50.2 75.2

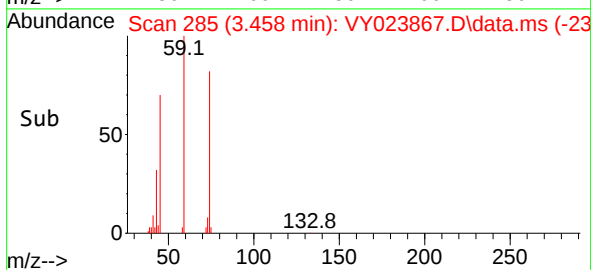
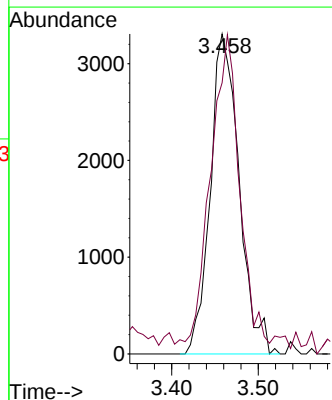
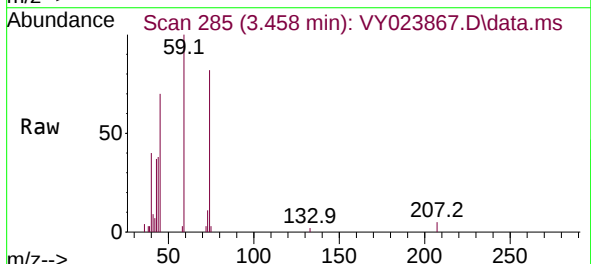
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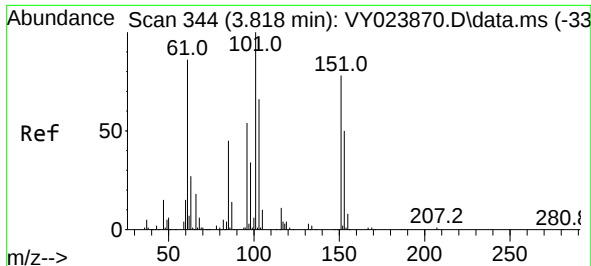
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#8
Diethyl Ether
Concen: 3.163 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 74 Resp: 7673
Ion Ratio Lower Upper
74 100
45 99.6 48.4 145.3





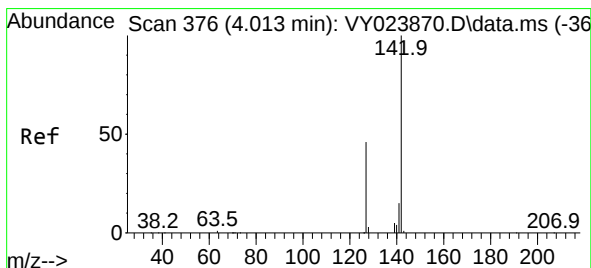
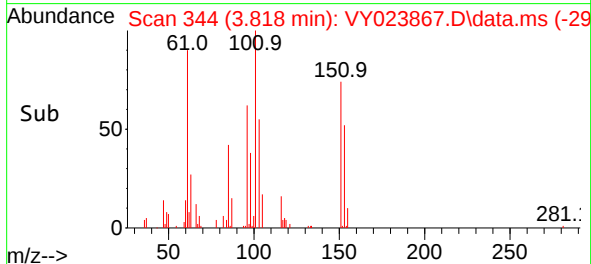
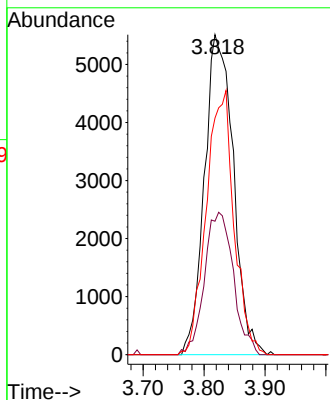
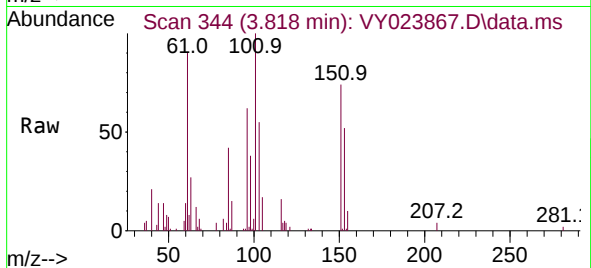
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.782 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 18130
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.8
151 79.1 63.4 95.0

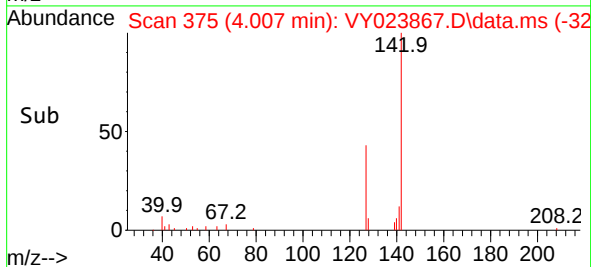
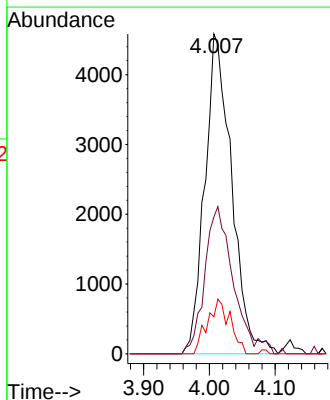
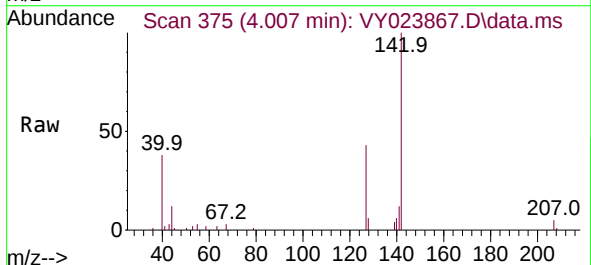
Manual Integrations
APPROVED

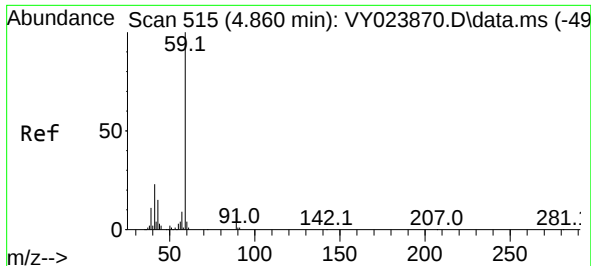
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 2.668 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

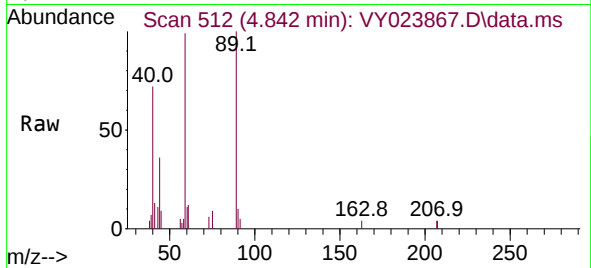
Tgt Ion:142 Resp: 12963
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 27.150 ug/l m
RT: 4.842 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

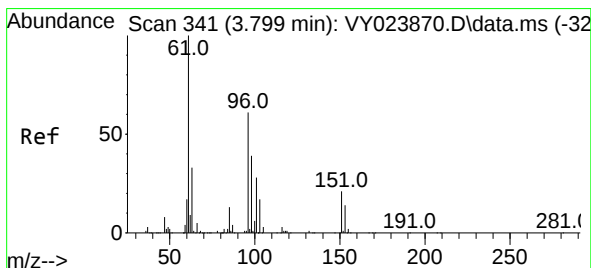
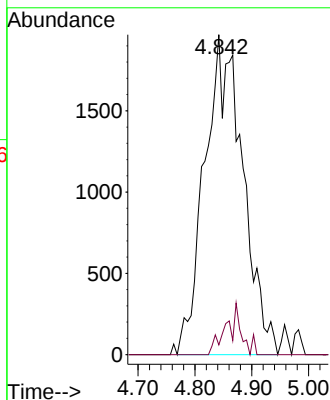
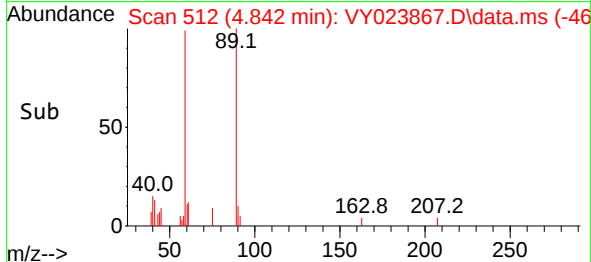
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



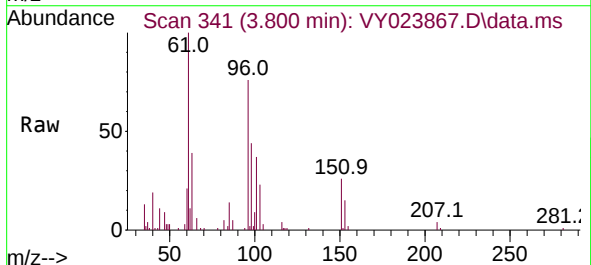
Tgt Ion: 59 Resp: 9195
Ion Ratio Lower Upper
59 100
57 3.4 7.7 11.5

Manual Integrations
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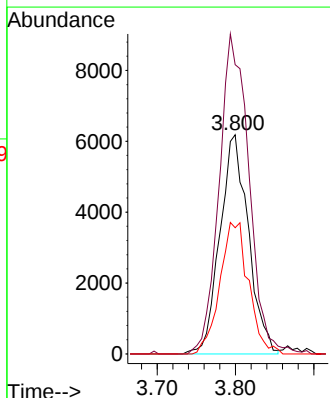
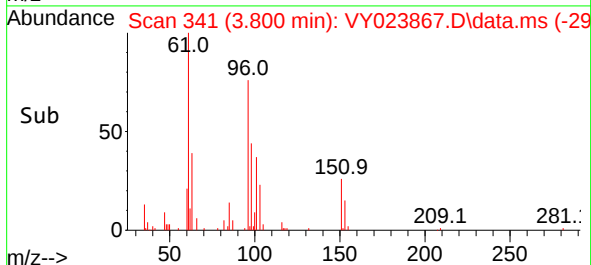
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

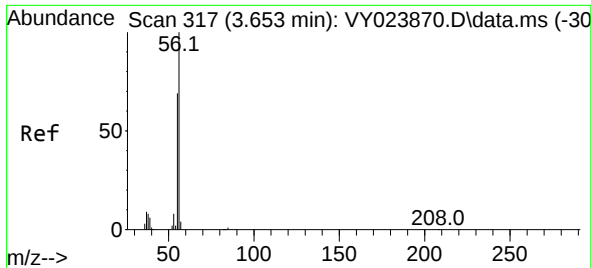


#12
1,1-Dichloroethene
Concen: 3.441 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



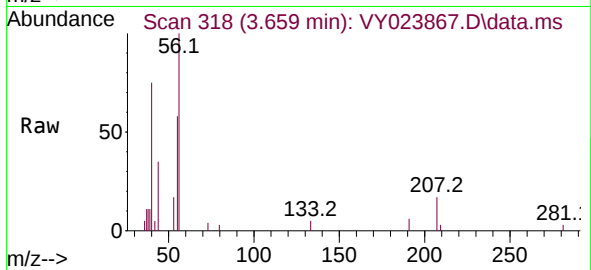
Tgt Ion: 96 Resp: 15654
Ion Ratio Lower Upper
96 100
61 132.0 131.2 196.8
98 57.6 51.3 76.9





#13
Acrolein
Concen: 15.033 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

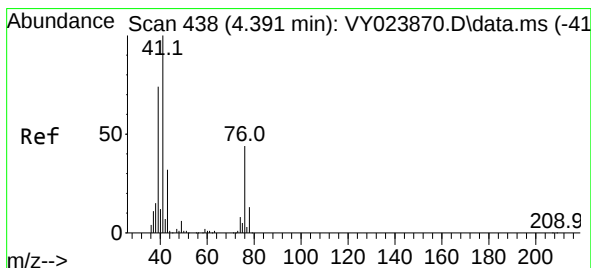
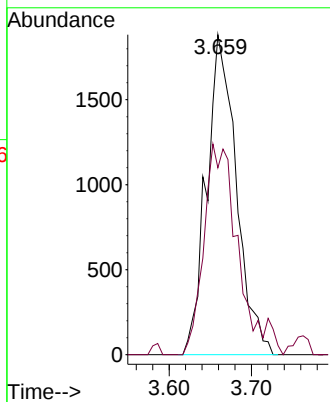
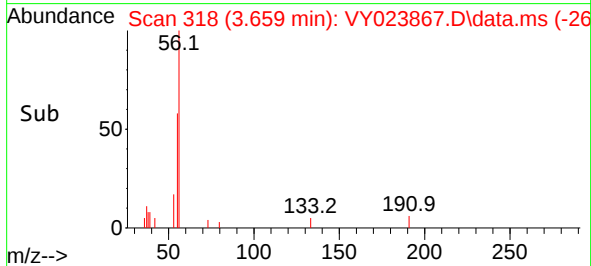
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 4732
Ion Ratio Lower Upper
56 100
55 72.2 59.0 88.6

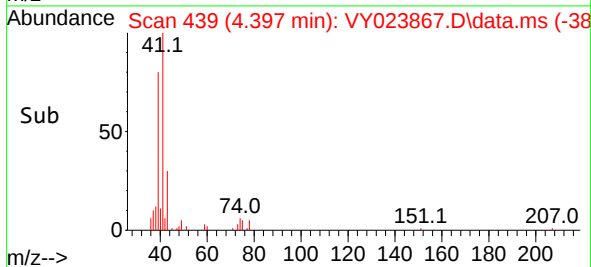
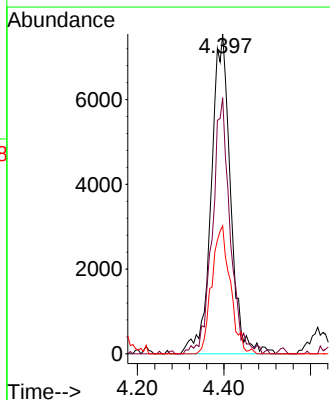
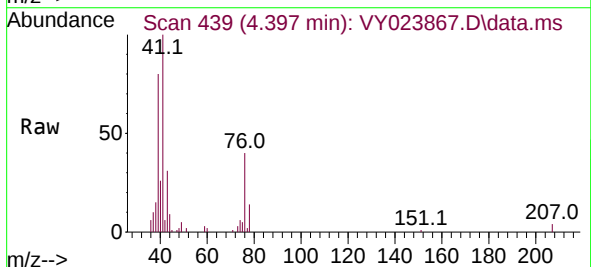
Manual Integrations
APPROVED

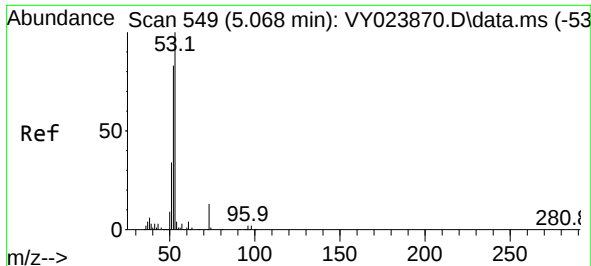
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 3.210 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

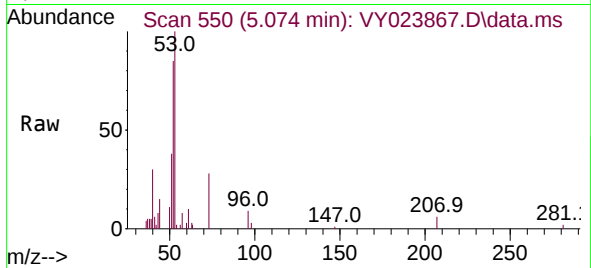
Tgt Ion: 41 Resp: 23351
Ion Ratio Lower Upper
41 100
39 73.2 57.4 86.0
76 38.4 30.8 46.2





#15
Acrylonitrile
Concen: 16.108 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

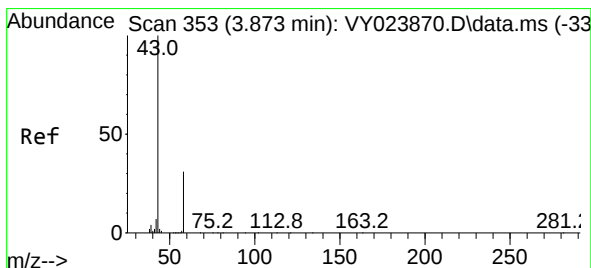
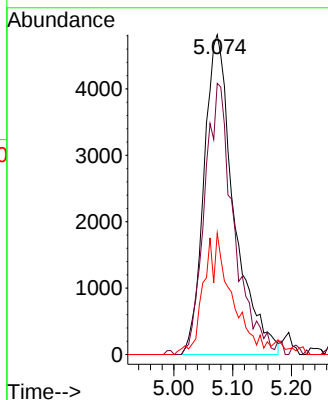
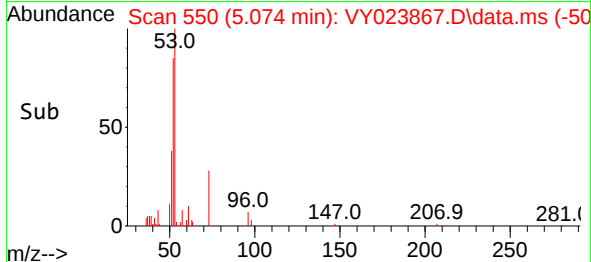
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 17063
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 14.1 29.5 44.3

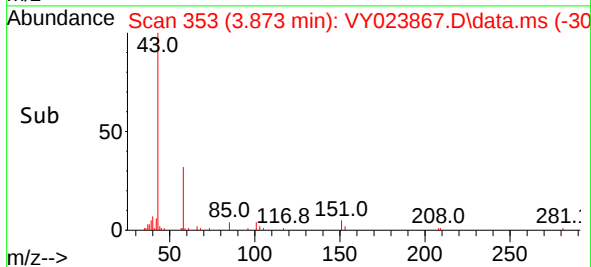
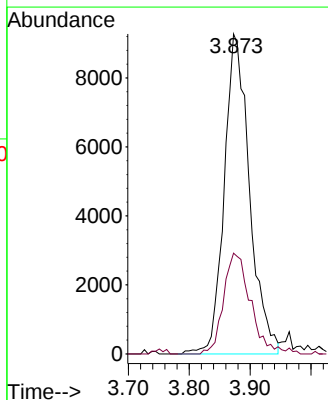
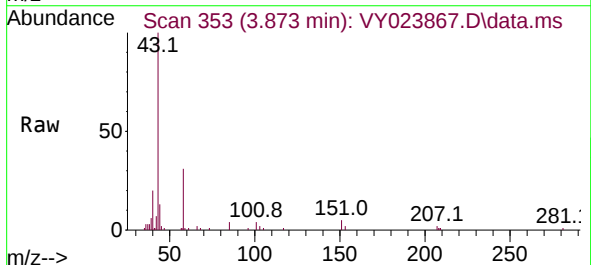
Manual Integrations
APPROVED

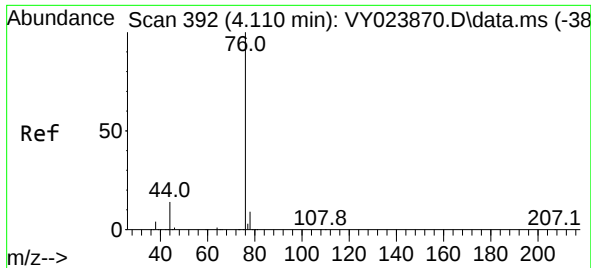
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 18.827 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 43 Resp: 26735
Ion Ratio Lower Upper
43 100
58 31.5 25.1 37.7





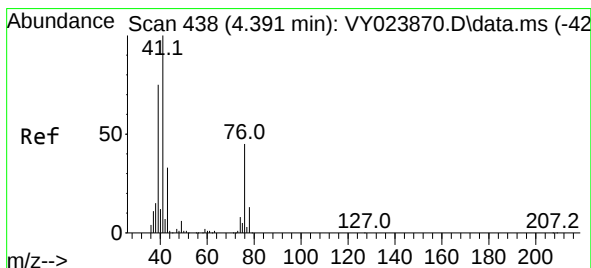
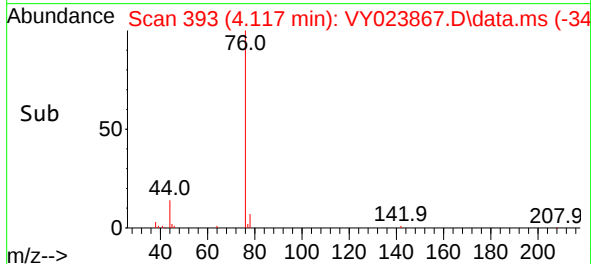
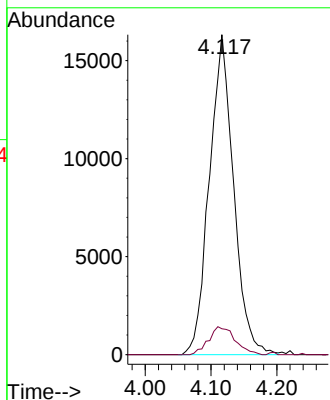
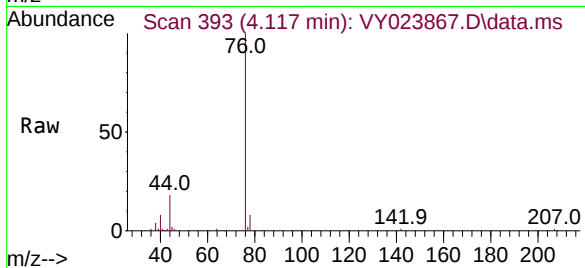
#17
Carbon Disulfide
Concen: 3.099 ug/l
RT: 4.117 min Scan# 39
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 41696
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

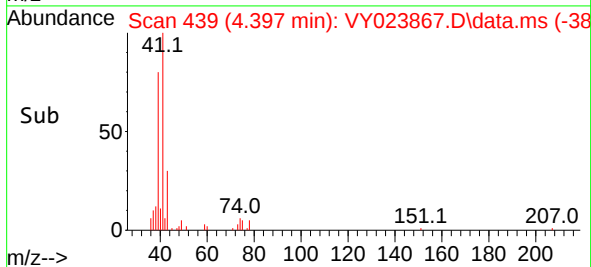
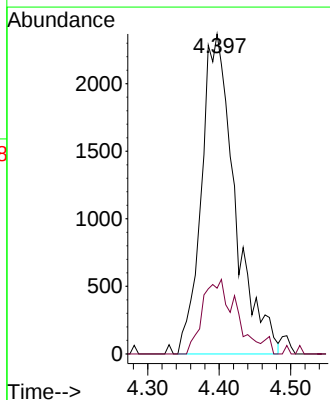
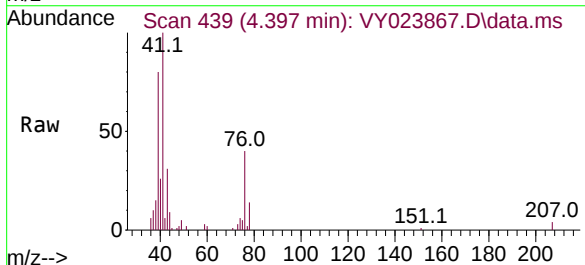
Manual Integrations
APPROVED

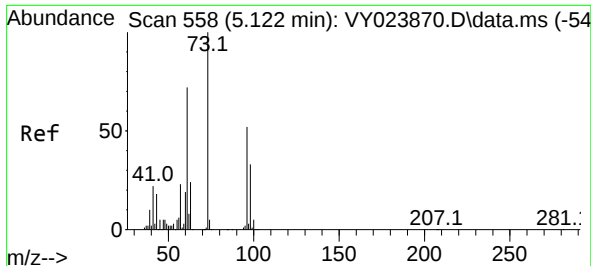
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 3.193 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

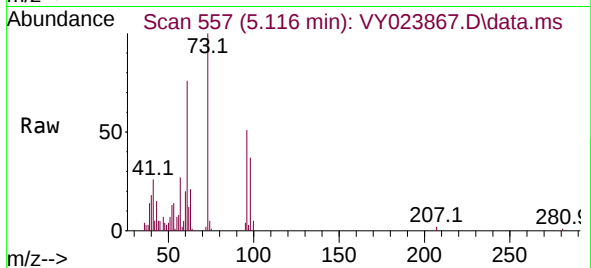
Tgt Ion: 43 Resp: 7707
Ion Ratio Lower Upper
43 100
74 22.9 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 3.033 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

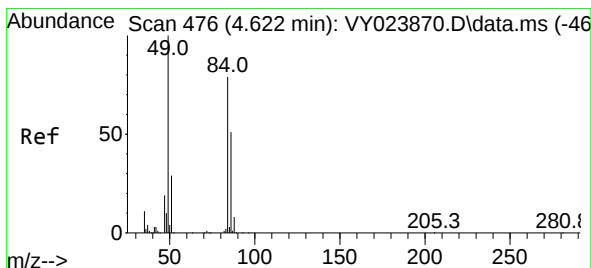
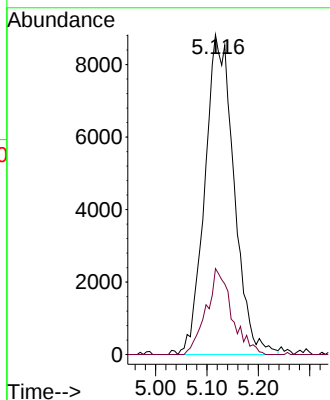
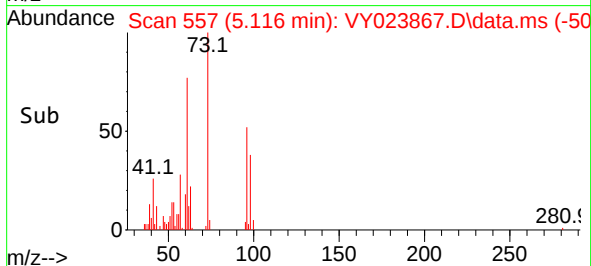
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 34739
Ion Ratio Lower Upper
73 100
57 26.9 18.2 27.2

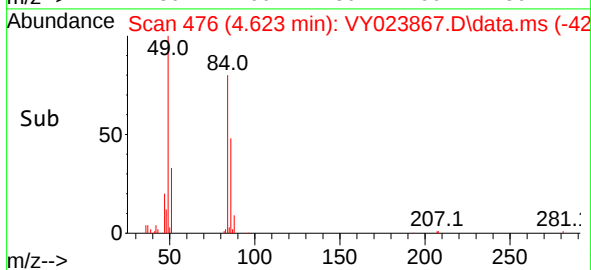
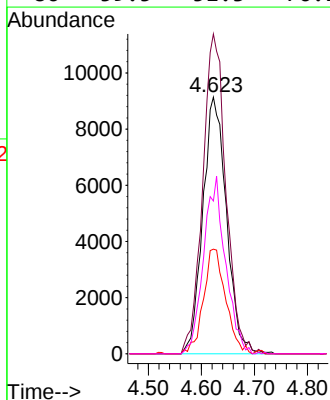
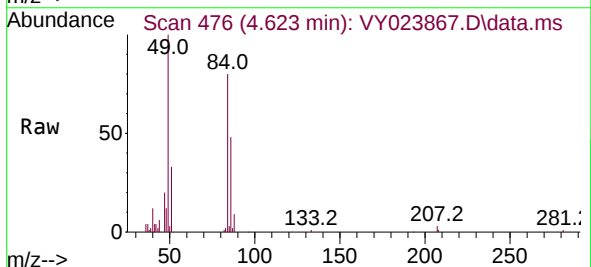
Manual Integrations
APPROVED

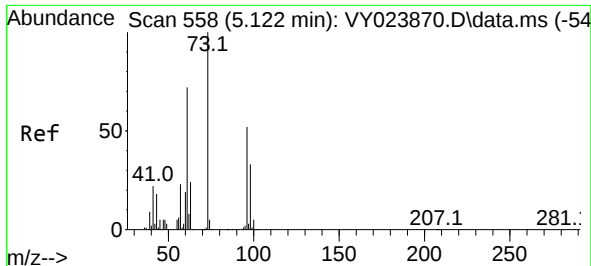
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 5.031 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

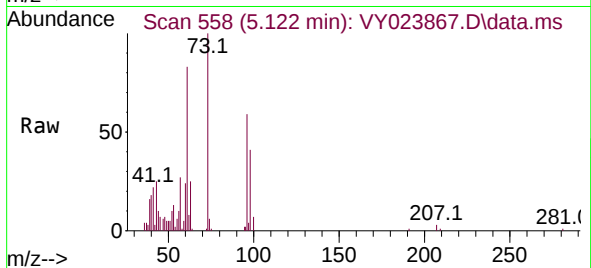
Tgt Ion: 84 Resp: 28319
Ion Ratio Lower Upper
84 100
49 124.6 100.6 151.0
51 40.8 29.0 43.6
86 59.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 3.245 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

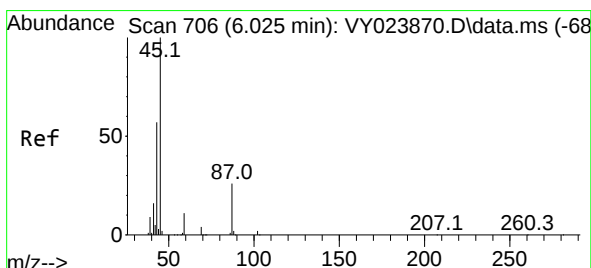
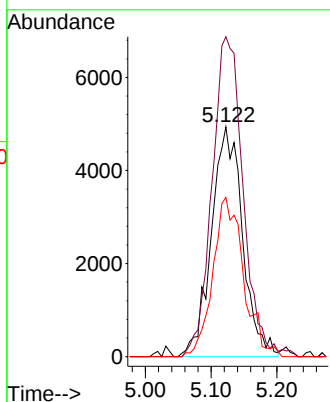
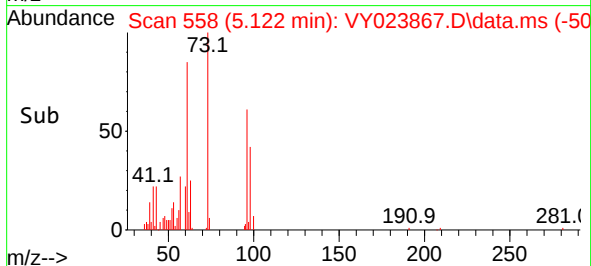
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 16198
Ion Ratio Lower Upper
96 100
61 139.3 111.7 167.5
98 69.3 51.5 77.3

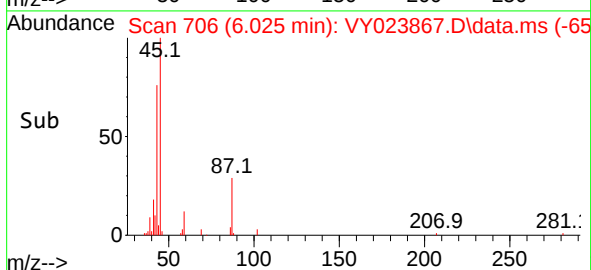
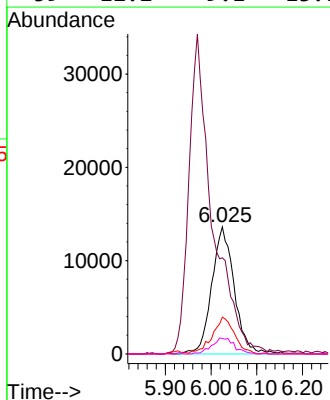
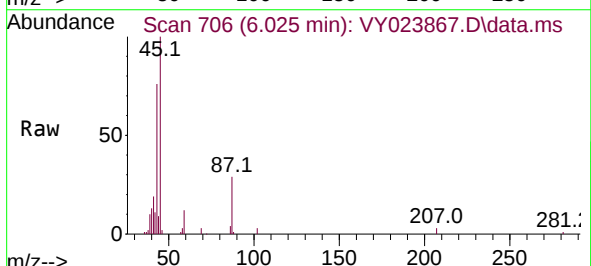
Manual Integrations
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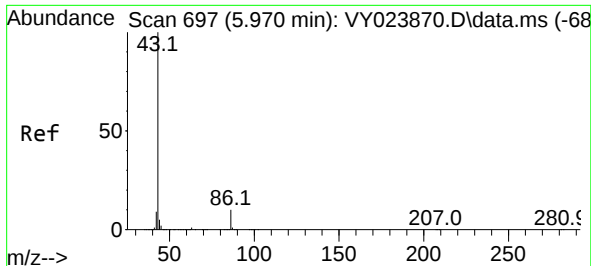
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 2.902 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 45 Resp: 46476
Ion Ratio Lower Upper
45 100
43 72.9 45.5 68.3#
87 28.9 20.7 31.1
59 12.2 9.1 13.7





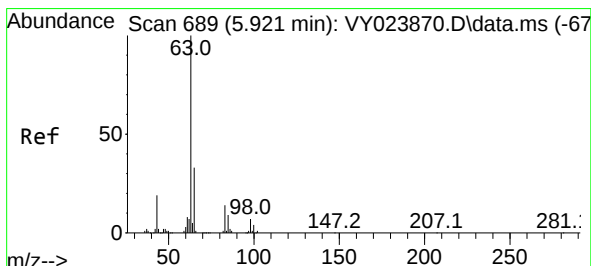
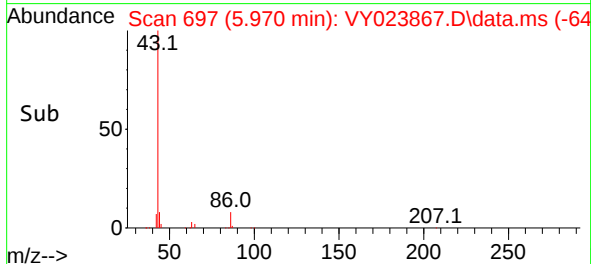
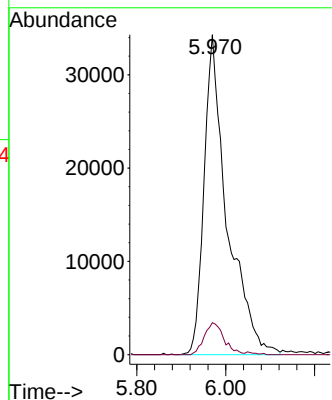
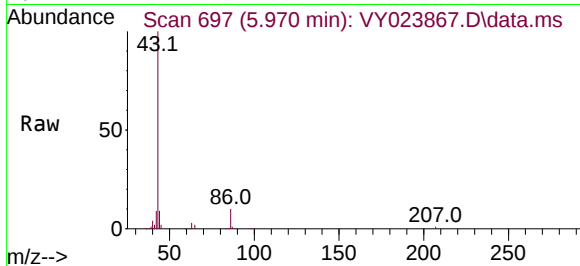
#23
 Vinyl Acetate
 Concen: 13.834 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 123173
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4

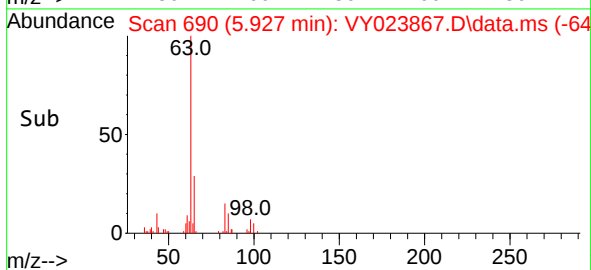
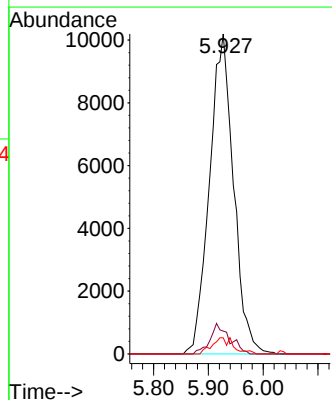
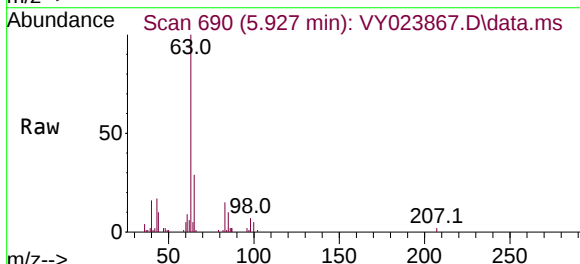
Manual Integrations
 APPROVED

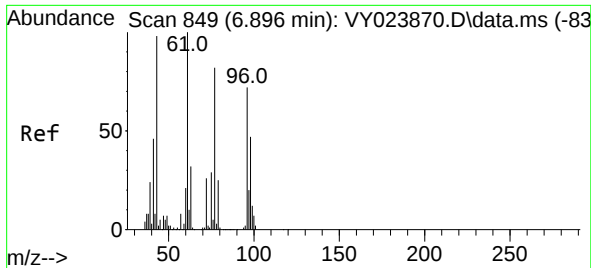
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 3.362 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42

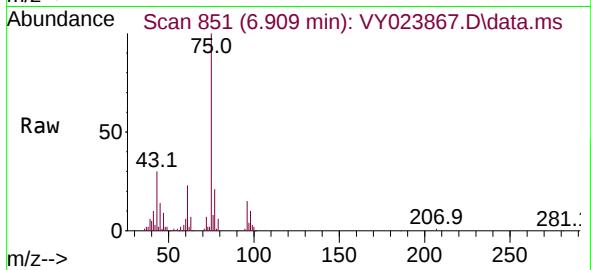
Tgt Ion: 63 Resp: 31093
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 18.473 ug/l
RT: 6.909 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

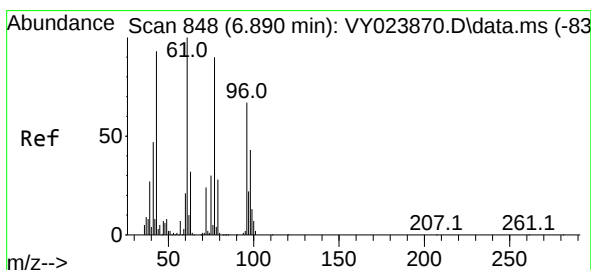
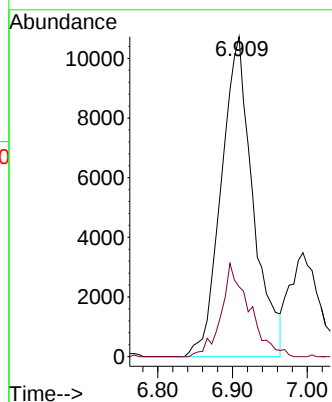
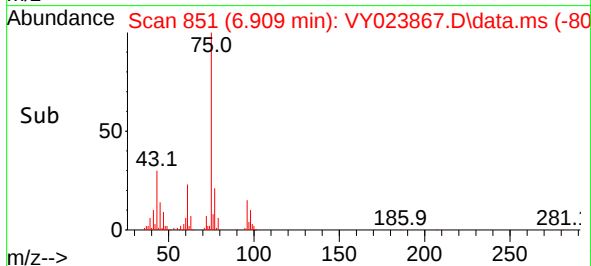
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



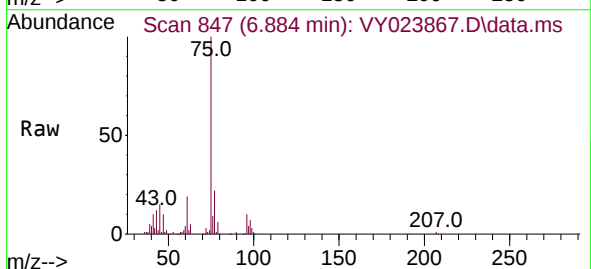
Tgt Ion: 43 Resp: 3165
Ion Ratio Lower Upper
43 100
72 21.8 21.0 31.6

Manual Integrations
APPROVED

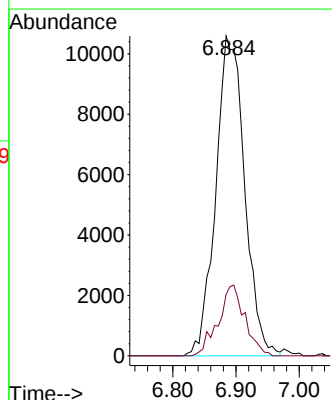
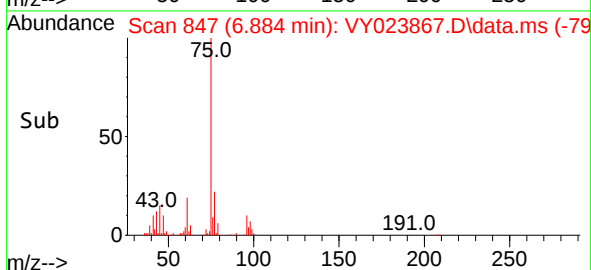
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

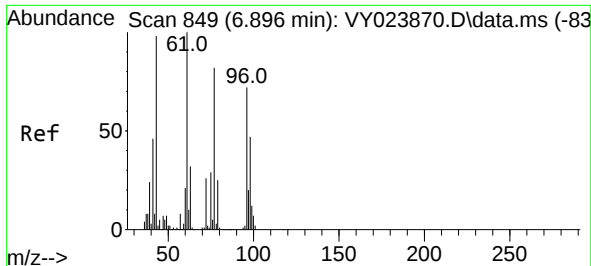


#26
2,2-Dichloropropane
Concen: 4.052 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



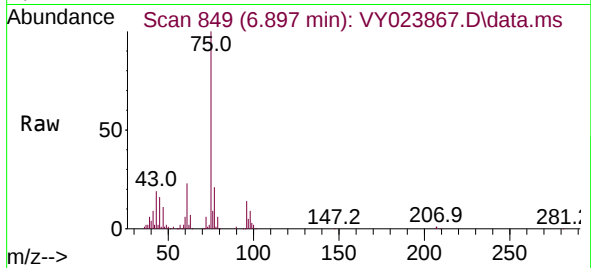
Tgt Ion: 77 Resp: 33670
Ion Ratio Lower Upper
77 100
97 20.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 3.248 ug/l
 RT: 6.897 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42

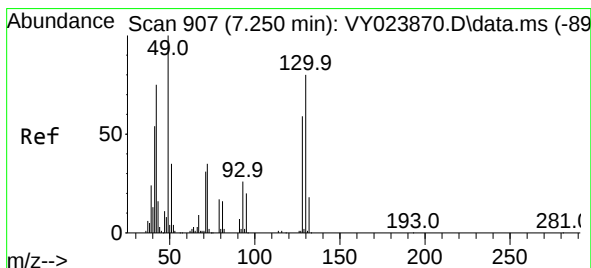
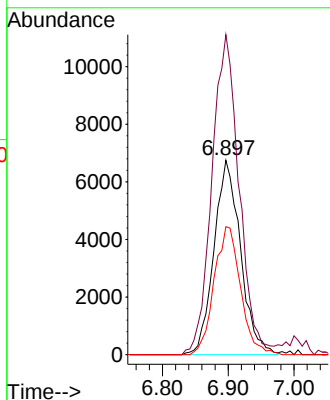
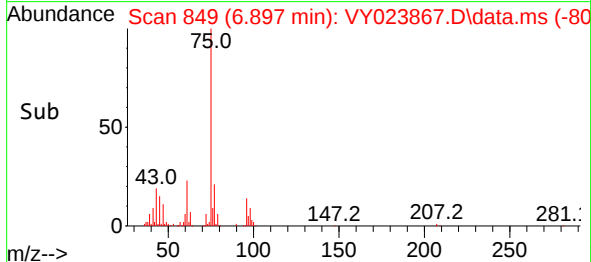
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005



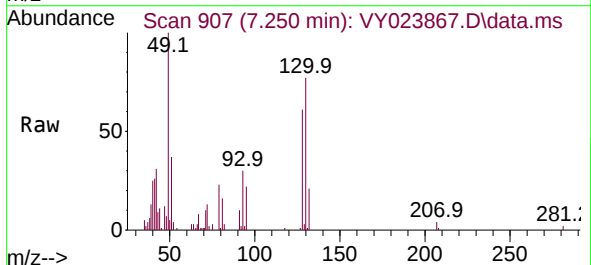
Tgt Ion: 96 Resp: 18903
 Ion Ratio Lower Upper
 96 100
 61 168.5 0.0 292.8
 98 65.3 0.0 128.4

Manual Integrations
 APPROVED

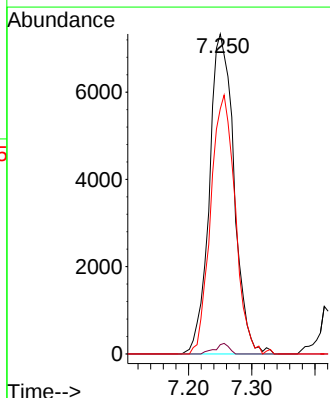
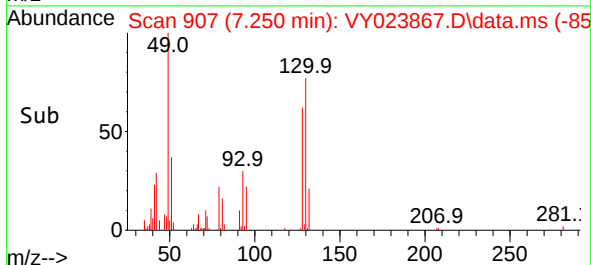
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

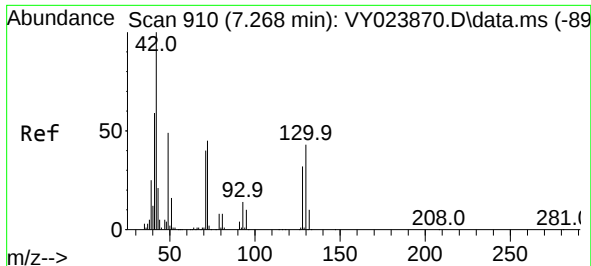


#28
 Bromochloromethane
 Concen: 5.659 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42



Tgt Ion: 49 Resp: 19867
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 80.2 61.0 91.6





#29

Tetrahydrofuran

Concen: 13.869 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 12295

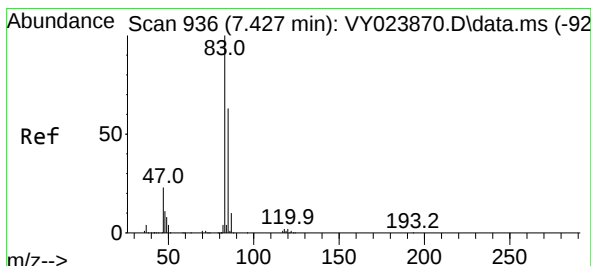
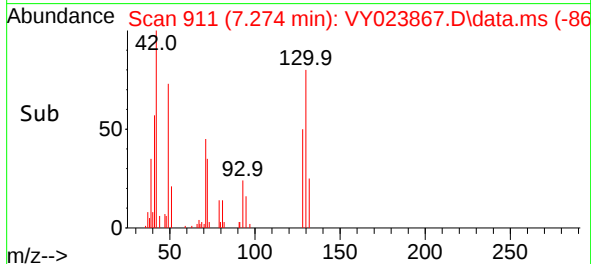
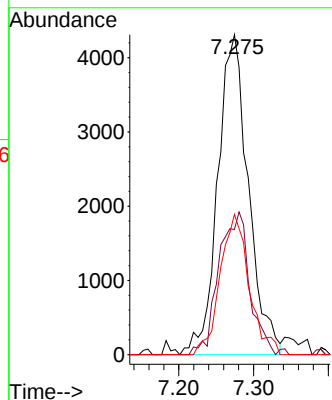
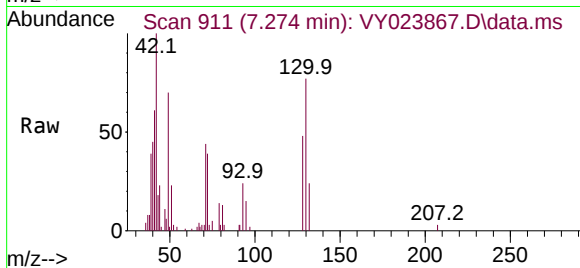
Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.6	53.4
71	41.6	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 3.539 ug/l

RT: 7.427 min Scan# 936

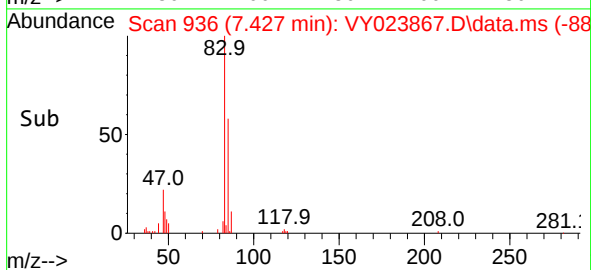
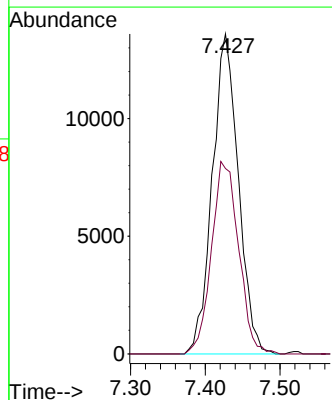
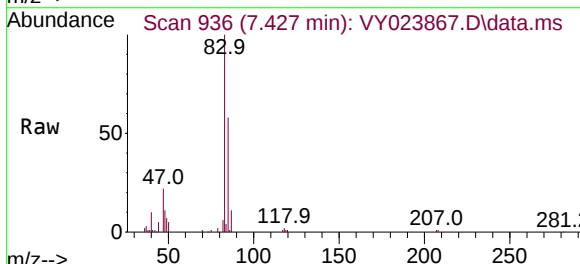
Delta R.T. 0.000 min

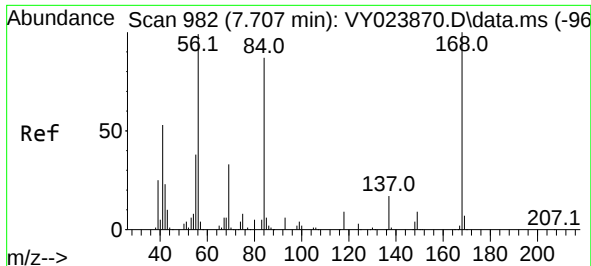
Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Tgt Ion: 83 Resp: 32898

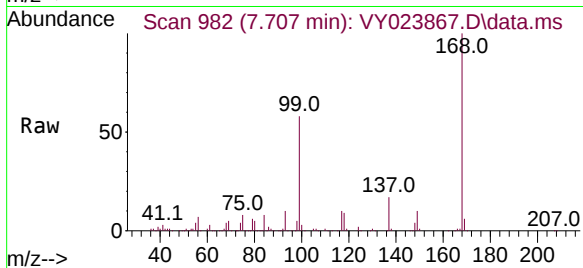
Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.6	76.0





#31
Cyclohexane
Concen: 3.929 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

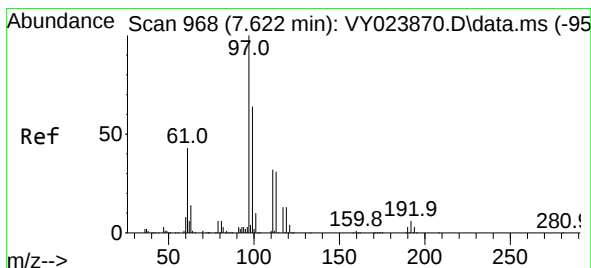
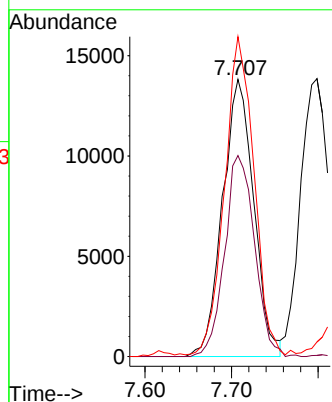
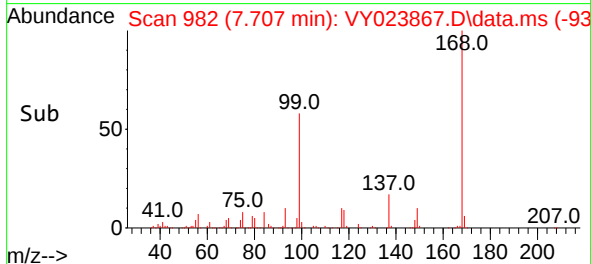
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



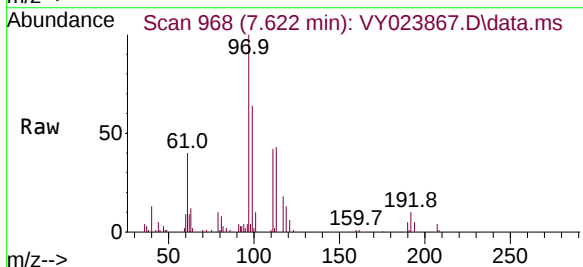
Tgt Ion: 56 Resp: 34652
Ion Ratio Lower Upper
56 100
69 72.5 26.8 40.2
84 114.4 70.4 105.6

Manual Integrations
APPROVED

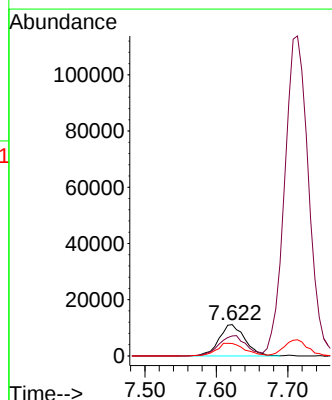
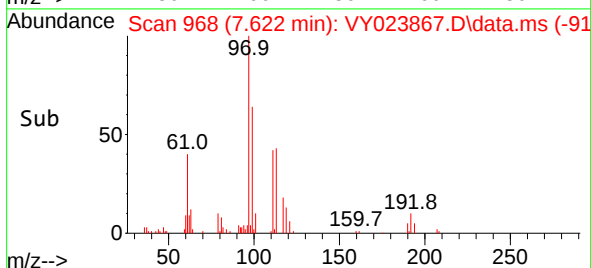
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

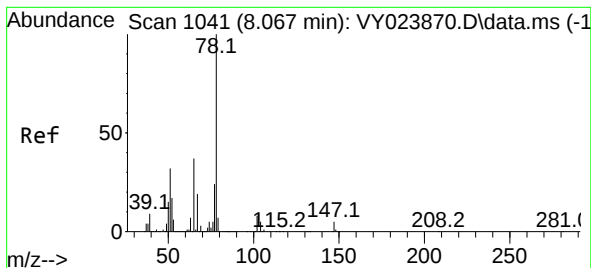


#32
1,1,1-Trichloroethane
Concen: 3.312 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion: 97 Resp: 27698
Ion Ratio Lower Upper
97 100
99 69.3 51.2 76.8
61 43.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 4.557 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 22630

Ion Ratio Lower Upper

65 100

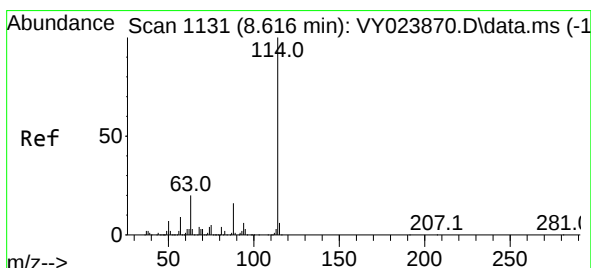
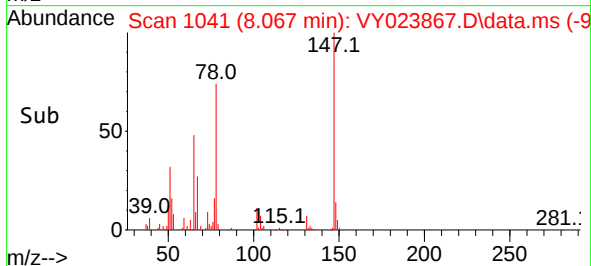
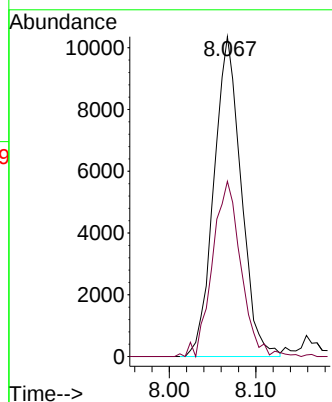
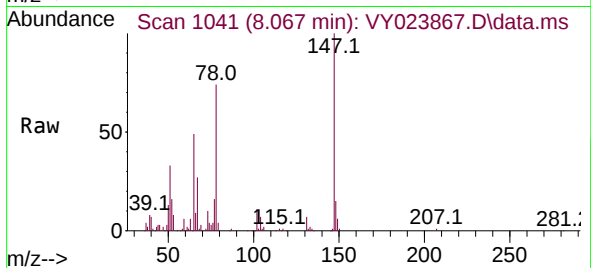
67 57.4 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

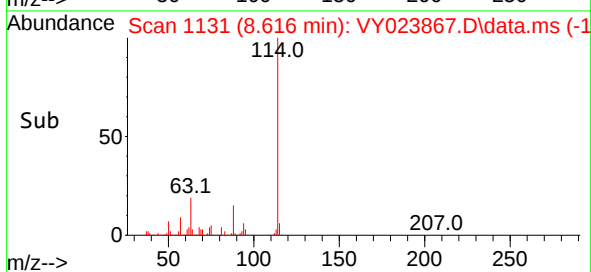
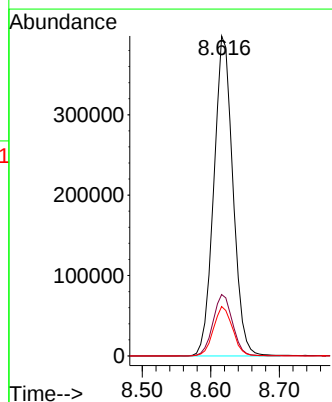
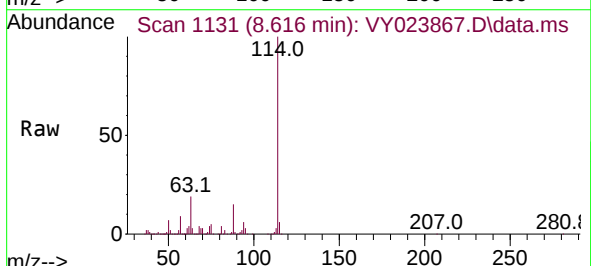
Tgt Ion:114 Resp: 770133

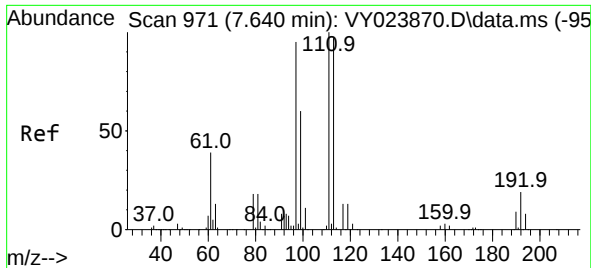
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

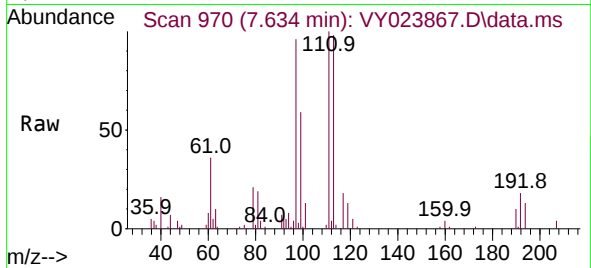
88 15.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 4.317 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

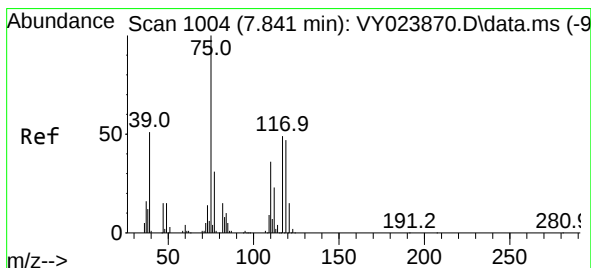
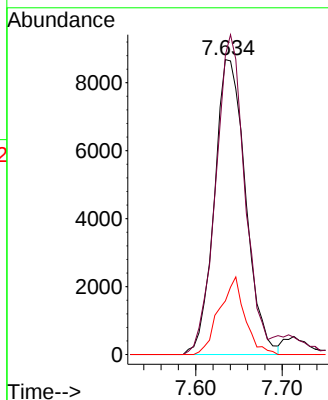
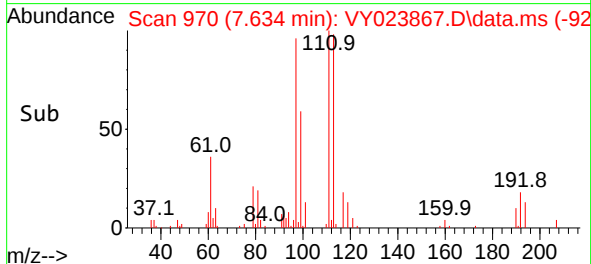
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



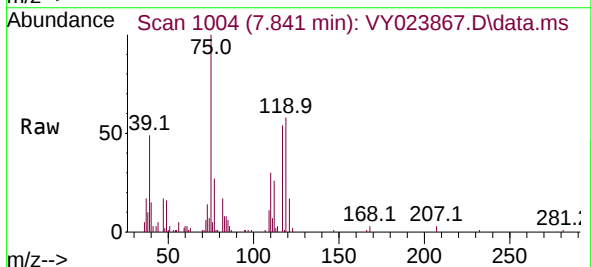
Tgt Ion: 113 Resp: 21854
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.5 15.8 23.8

Manual Integrations
APPROVED

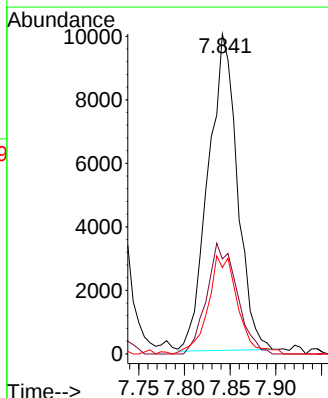
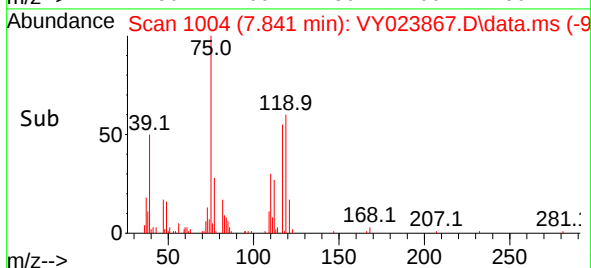
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

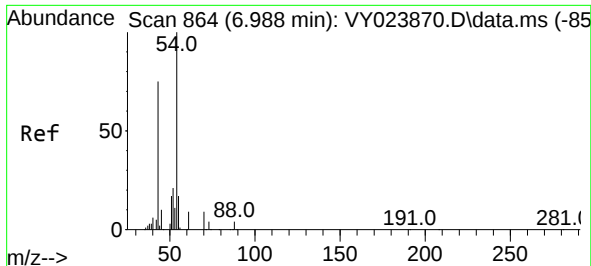


#36
1,1-Dichloropropene
Concen: 3.124 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion: 75 Resp: 22073
Ion Ratio Lower Upper
75 100
110 36.4 17.6 52.9
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 3.117 ug/l m

RT: 6.994 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY023867.D

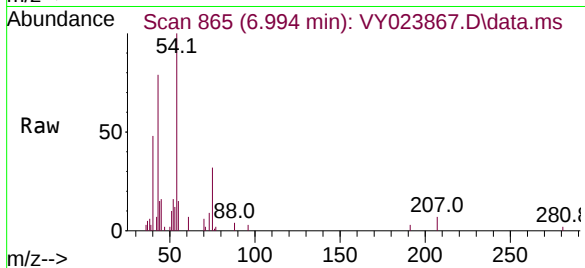
Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



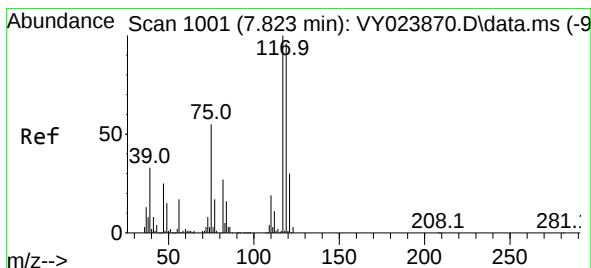
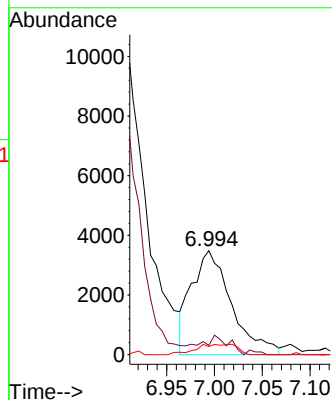
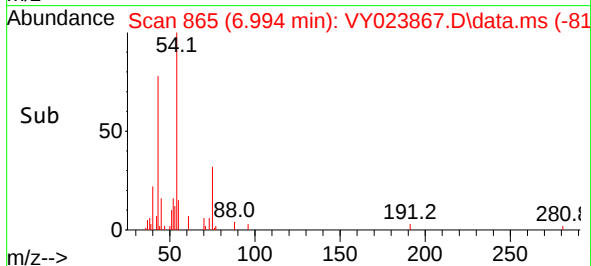
Tgt Ion:	43	Resp:	10132
Ion	Ratio	Lower	Upper
43	100		
61	10.3	11.0	16.4
70	0.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 3.364 ug/l

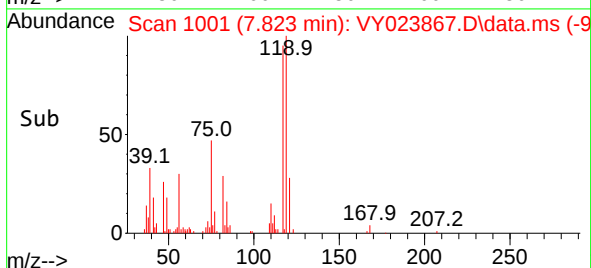
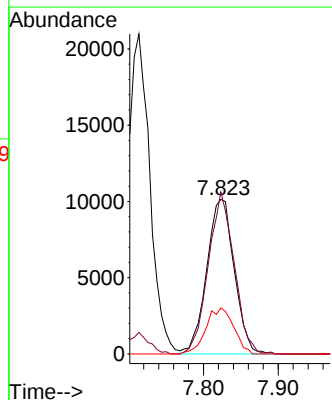
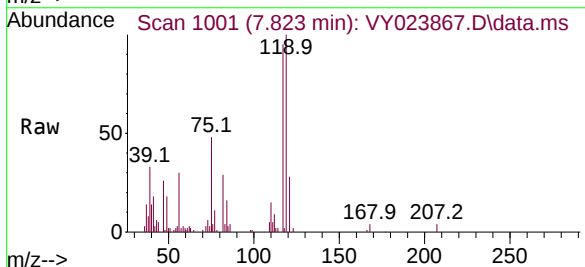
RT: 7.823 min Scan# 1001

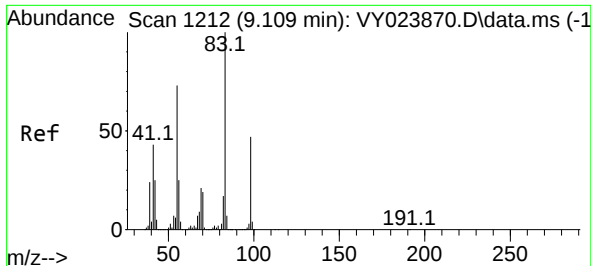
Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Tgt Ion:	117	Resp:	26064
Ion	Ratio	Lower	Upper
117	100		
119	105.0	77.0	115.6
121	29.8	23.9	35.9





#39

Methylcyclohexane

Concen: 3.092 ug/l

RT: 9.110 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

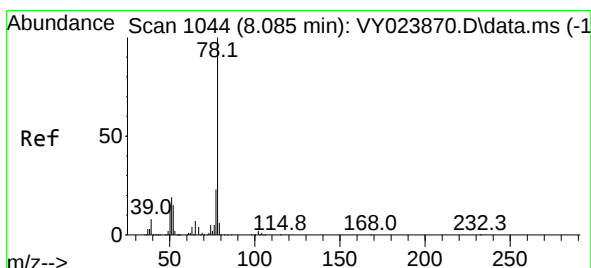
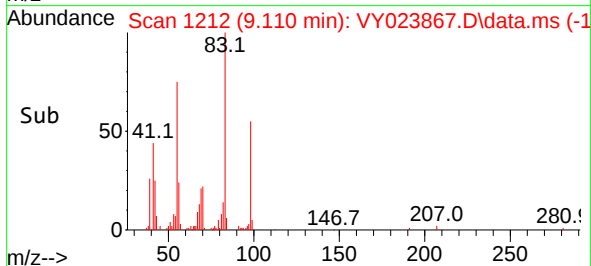
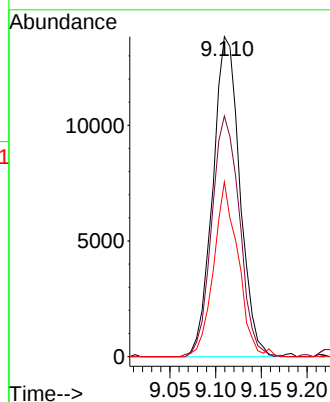
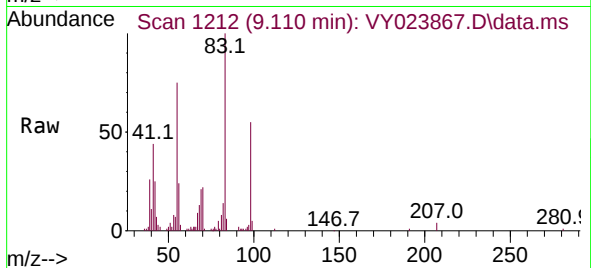
Tgt Ion: 83	Resp: 28462
Ion Ratio	Lower Upper
83 100	
55 75.2	58.8 88.2
98 54.6	37.8 56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 3.247 ug/l

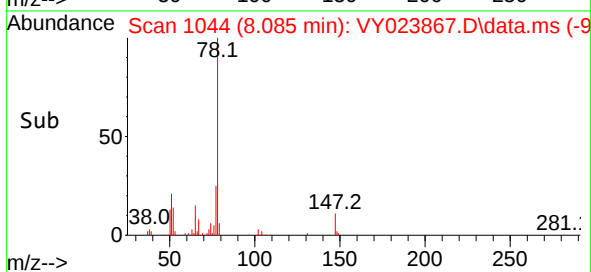
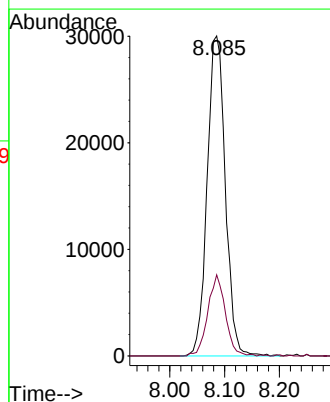
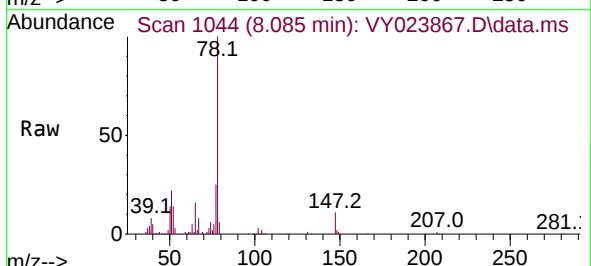
RT: 8.085 min Scan# 1044

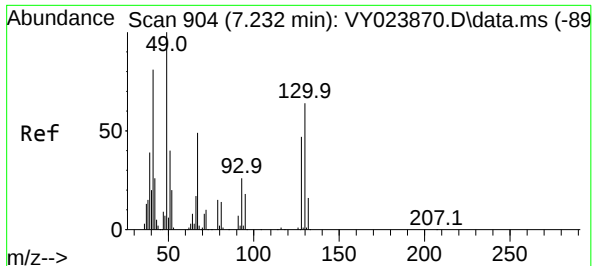
Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

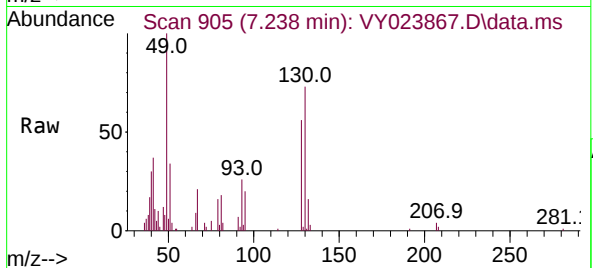
Tgt Ion: 78	Resp: 69301
Ion Ratio	Lower Upper
78 100	
77 25.3	18.6 28.0





#41
Methacrylonitrile
Concen: 3.269 ug/l m
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

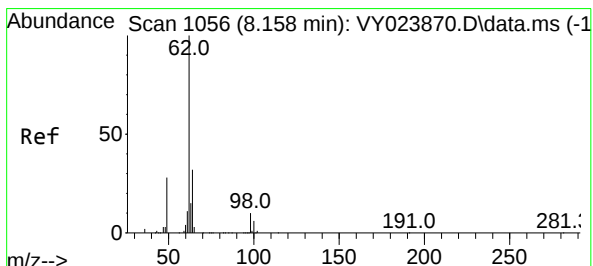
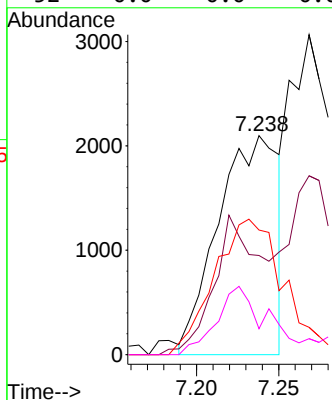
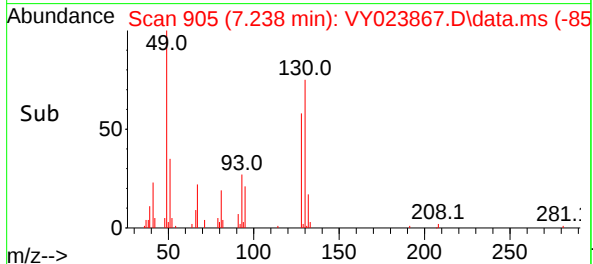
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



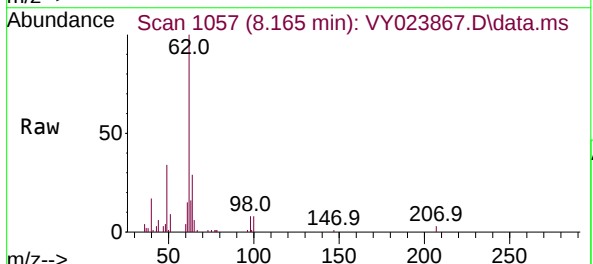
Tgt Ion: 41 Resp: 536
Ion Ratio Lower Upper
41 100
39 79.3 49.5 74.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

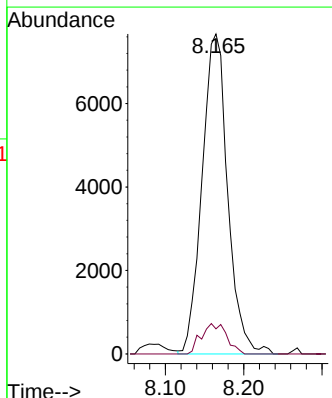
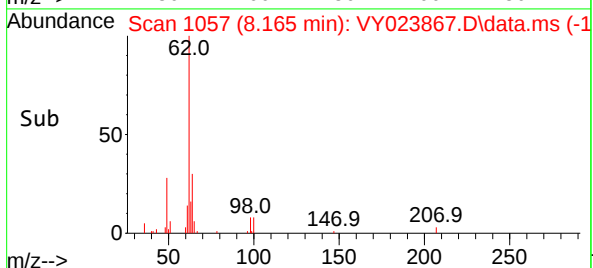
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

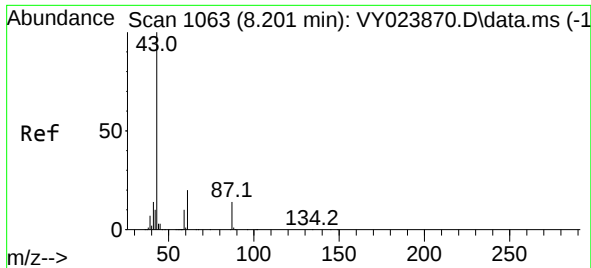


#42
1,2-Dichloroethane
Concen: 3.106 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



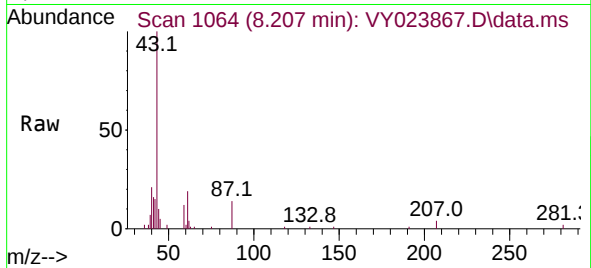
Tgt Ion: 62 Resp: 17446
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2





#43
Isopropyl Acetate
Concen: 2.818 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

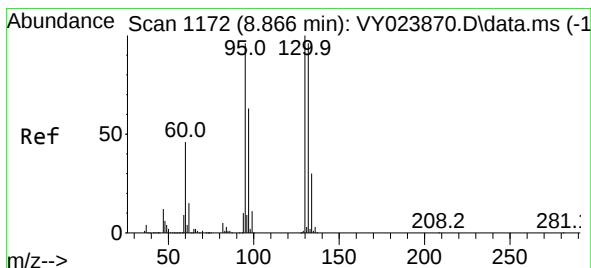
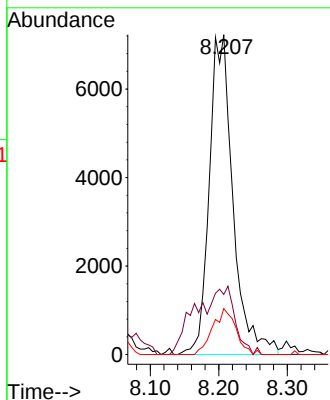
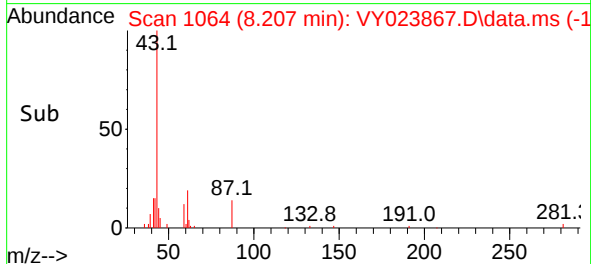
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



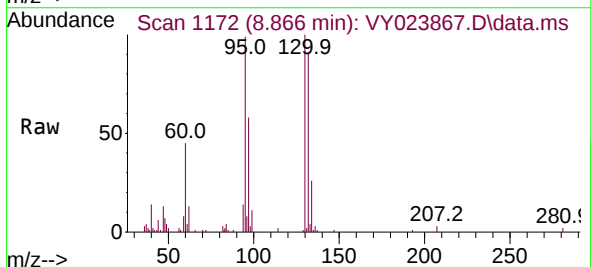
Tgt Ion: 43 Resp: 17400
Ion Ratio Lower Upper
43 100
61 20.3 24.2 36.4
87 14.2 11.0 16.4

Manual Integrations
APPROVED

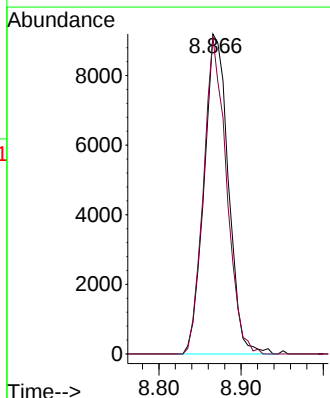
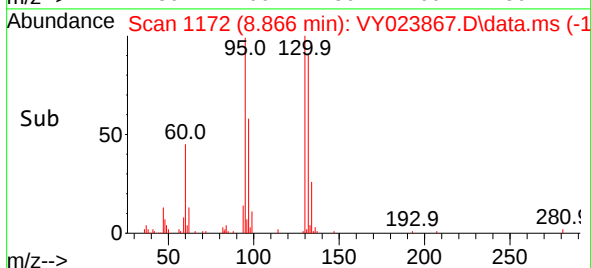
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

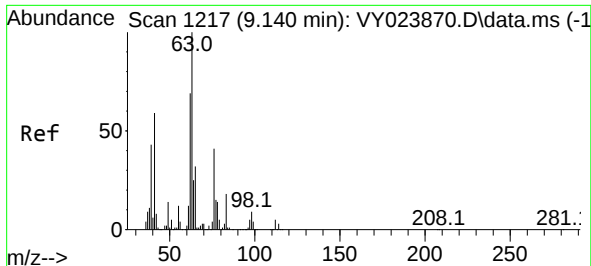


#44
Trichloroethene
Concen: 3.446 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion:130 Resp: 18824
Ion Ratio Lower Upper
130 100
95 99.1 0.0 192.4





#45

1,2-Dichloropropane

Concen: 3.304 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 16774

Ion Ratio Lower Upper

63 100

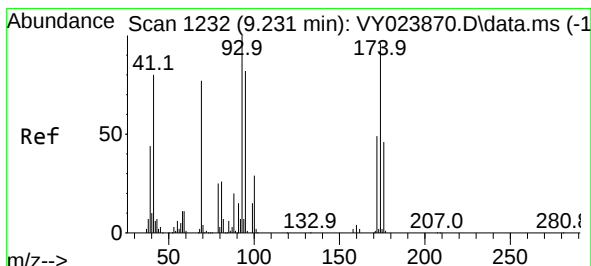
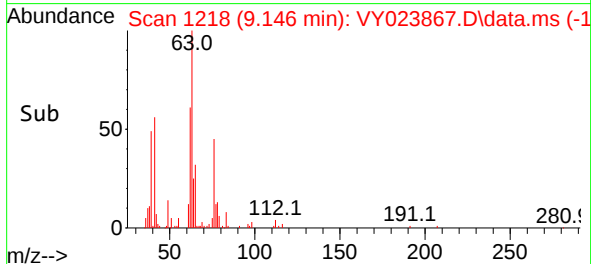
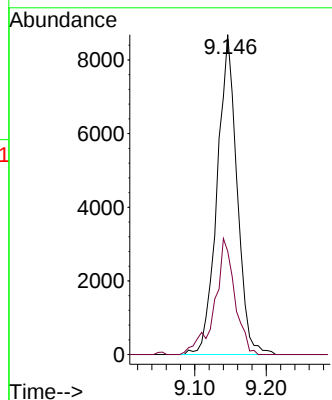
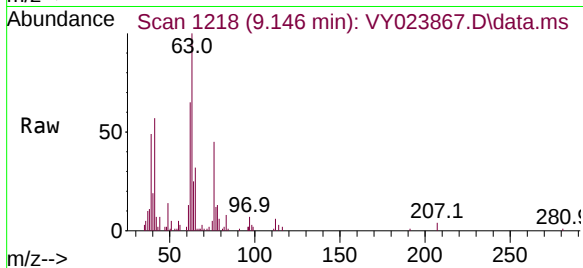
65 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 3.139 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

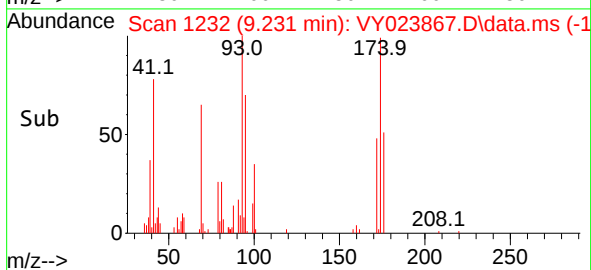
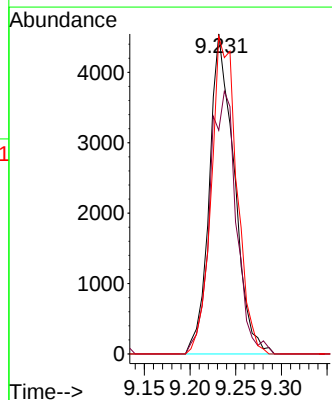
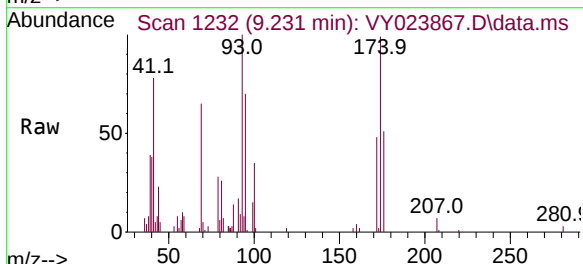
Tgt Ion: 93 Resp: 8609

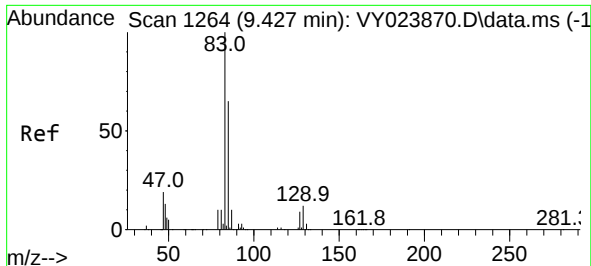
Ion Ratio Lower Upper

93 100

95 87.7 66.4 99.6

174 101.9 81.4 122.0





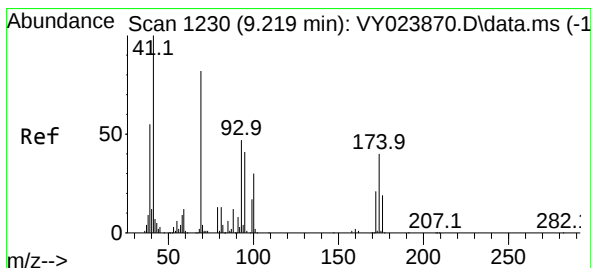
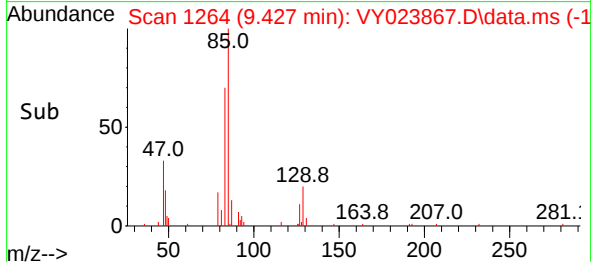
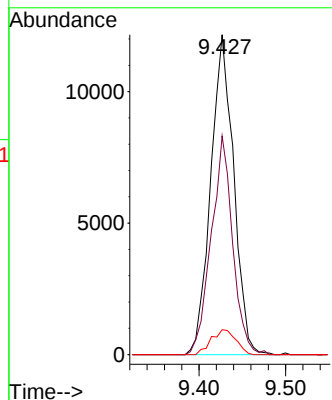
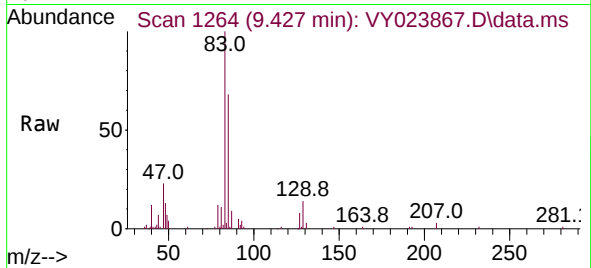
#47
Bromodichloromethane
Concen: 3.088 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 22428
Ion Ratio Lower Upper
83 100
85 68.3 51.6 77.4
127 7.8 7.2 10.8

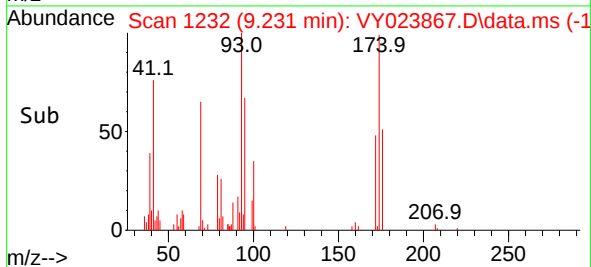
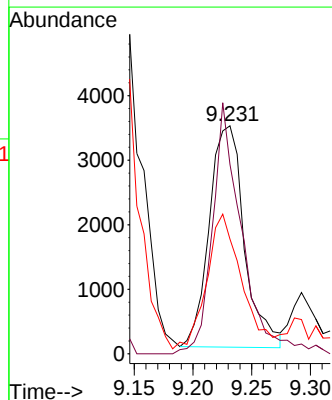
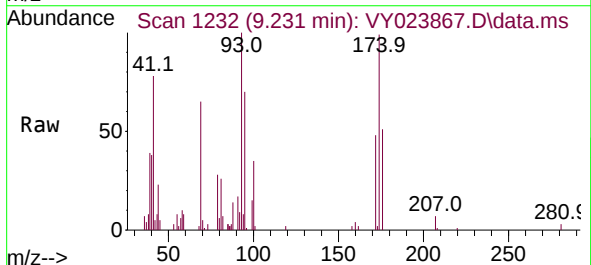
Manual Integrations
APPROVED

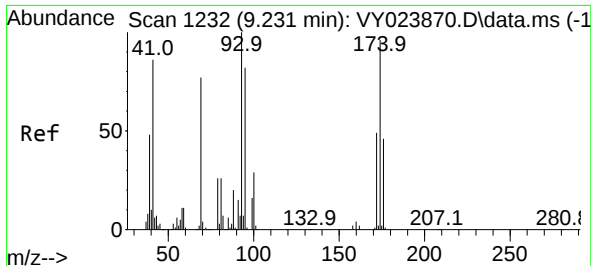
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 2.457 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 41 Resp: 7125
Ion Ratio Lower Upper
41 100
69 95.3 67.7 101.5
39 65.6 43.4 65.0#





#49

1,4-Dioxane

Concen: 61.387 ug/l

RT: 9.238 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

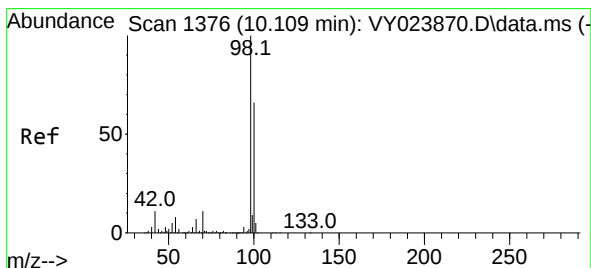
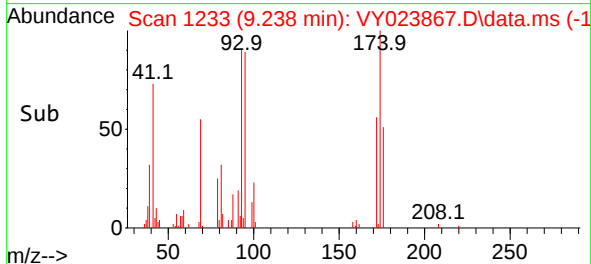
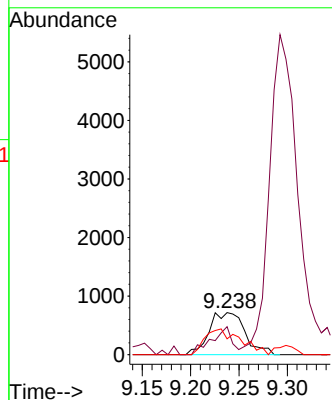
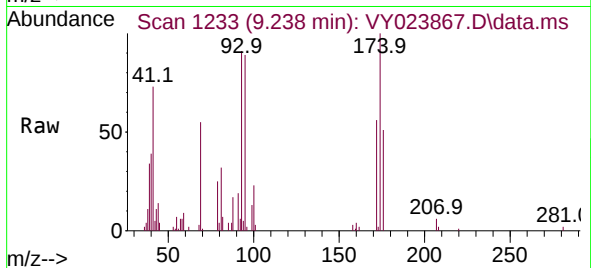
Tgt Ion: 88	Resp: 1845
Ion Ratio	Lower Upper
88 100	
43 37.9	26.8 40.2
58 60.9	52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 4.510 ug/l

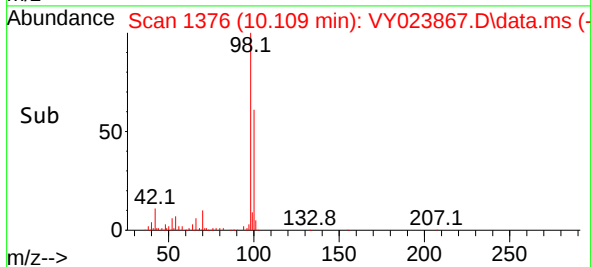
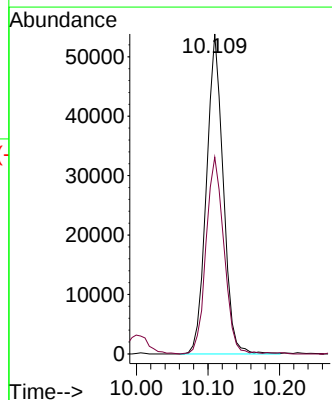
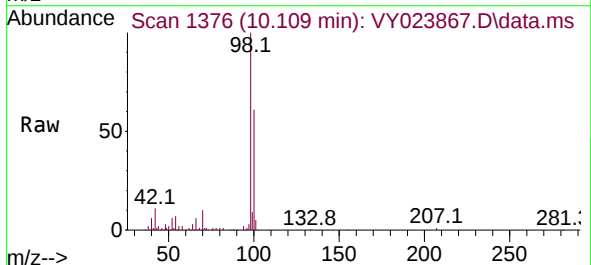
RT: 10.109 min Scan# 1376

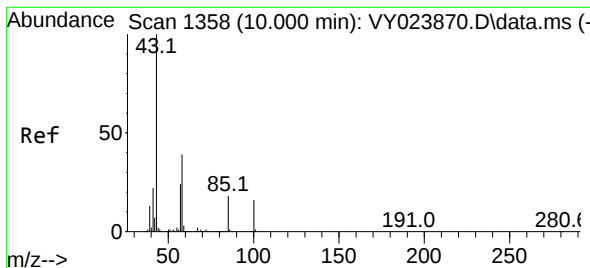
Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

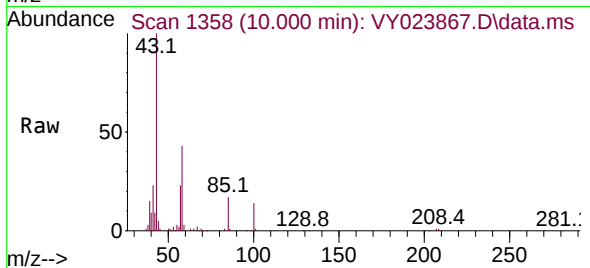
Tgt Ion: 98	Resp: 87605
Ion Ratio	Lower Upper
98 100	
100 65.6	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 13.274 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

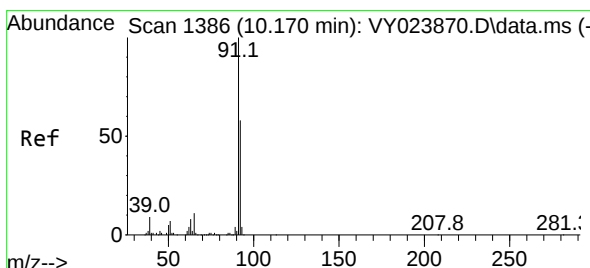
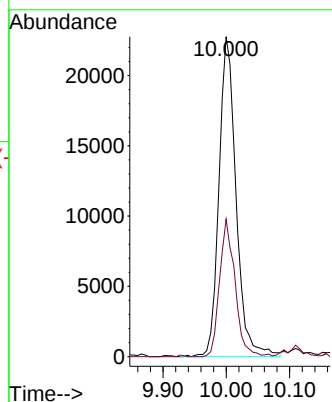
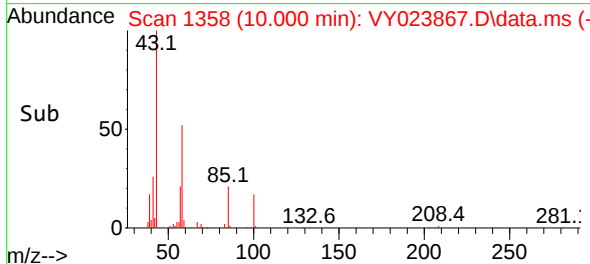
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 42893
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.8

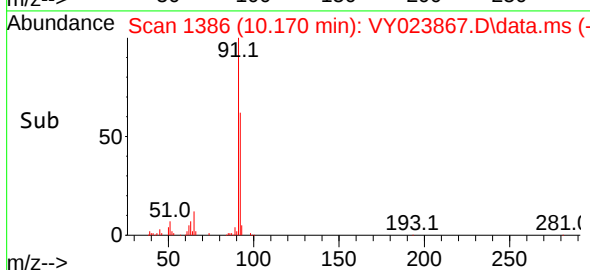
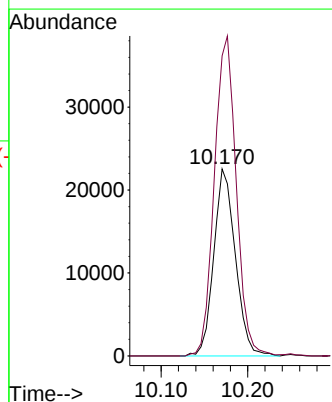
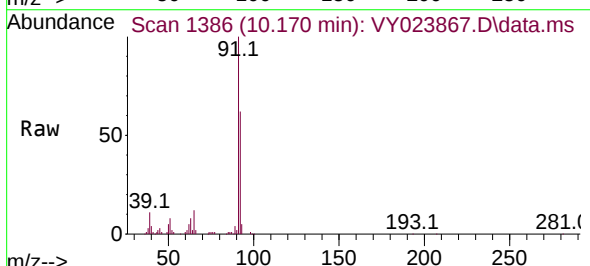
Manual Integrations
APPROVED

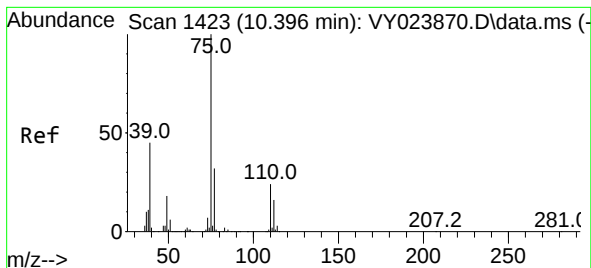
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 2.919 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

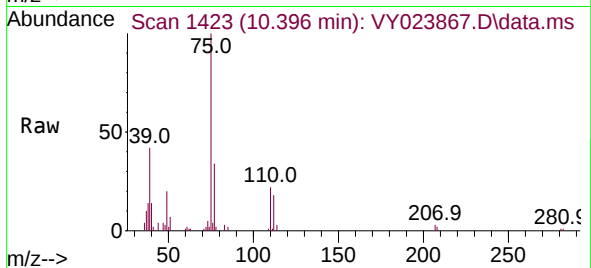
Tgt Ion: 92 Resp: 39071
Ion Ratio Lower Upper
92 100
91 173.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 2.760 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

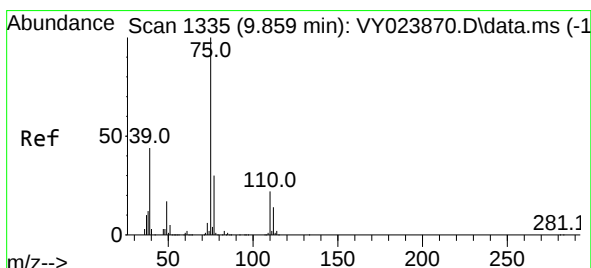
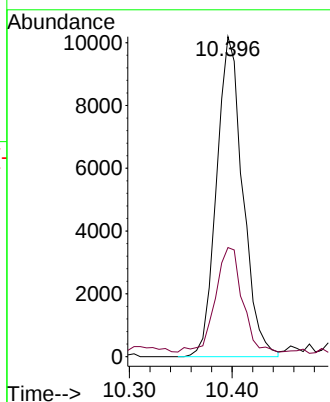
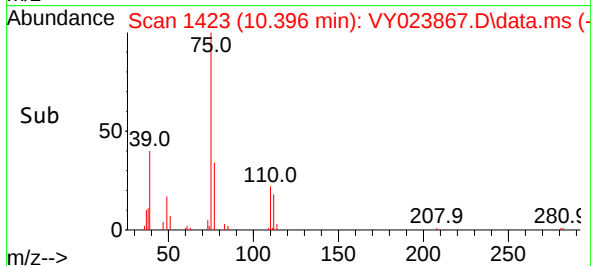
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 18068
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0

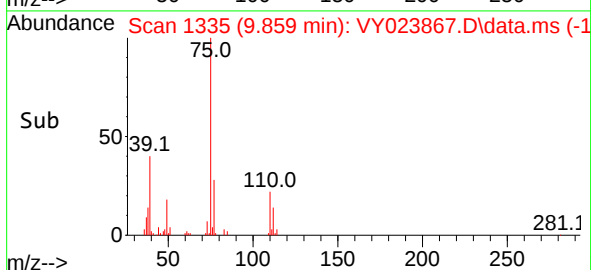
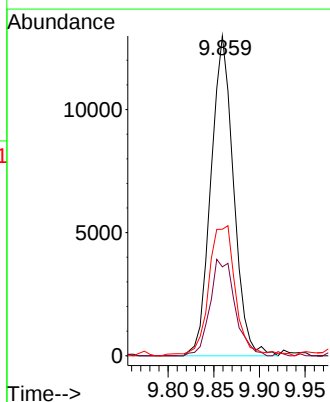
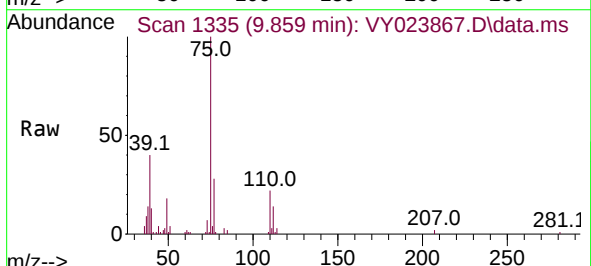
Manual Integrations
APPROVED

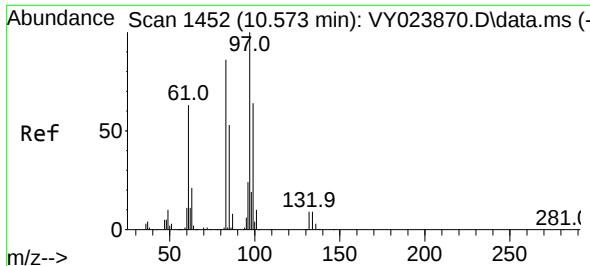
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 2.915 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

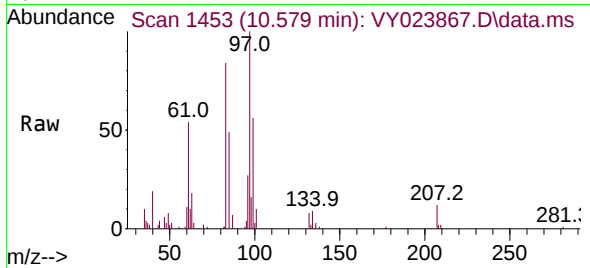
Tgt Ion: 75 Resp: 22439
Ion Ratio Lower Upper
75 100
77 27.8 23.8 35.6
39 38.9 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 3.243 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

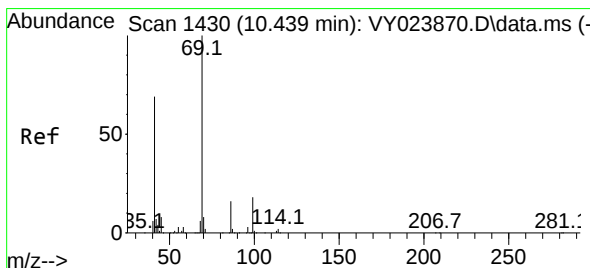
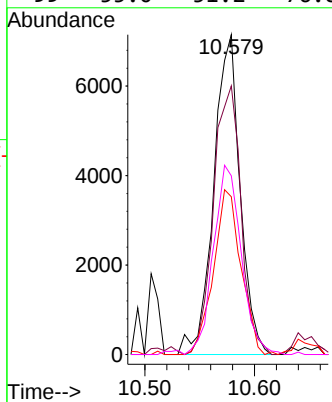
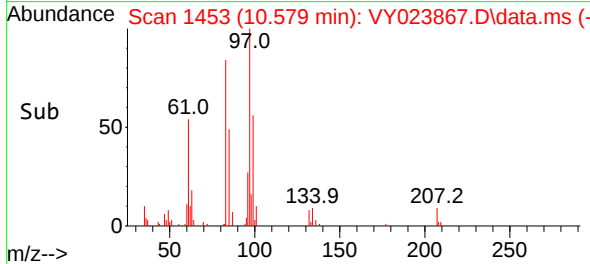
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



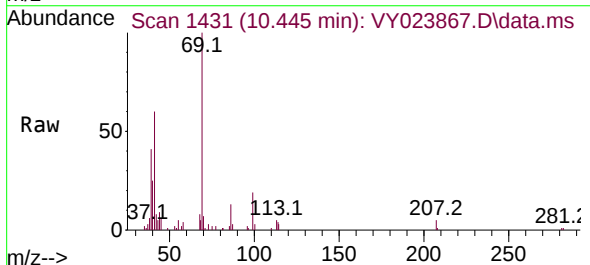
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.0	103.4
85	49.3	42.6	63.8
99	55.0	51.2	76.8

Manual Integrations
APPROVED

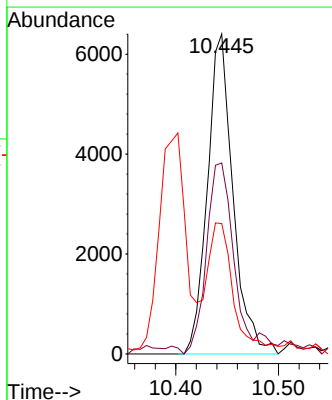
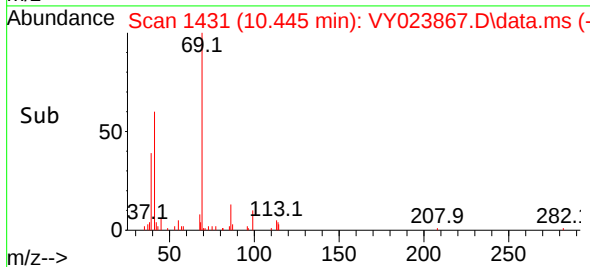
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

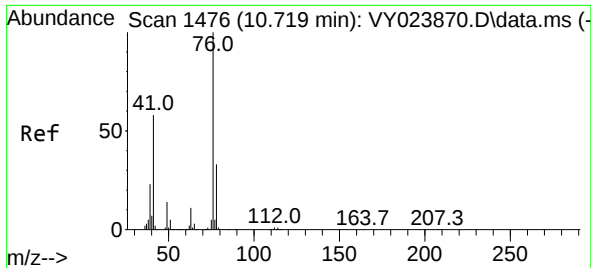


#56
Ethyl methacrylate
Concen: 2.337 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



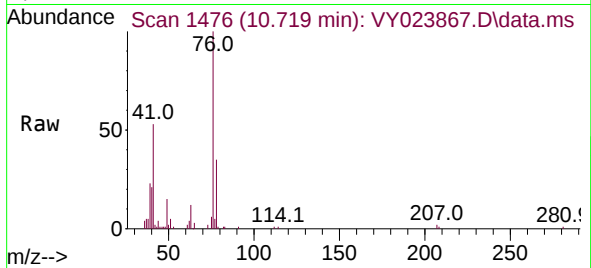
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.5	78.7
39	38.0	27.1	40.7





#57
1,3-Dichloropropane
Concen: 3.065 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

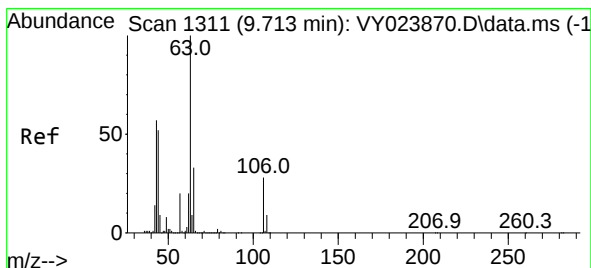
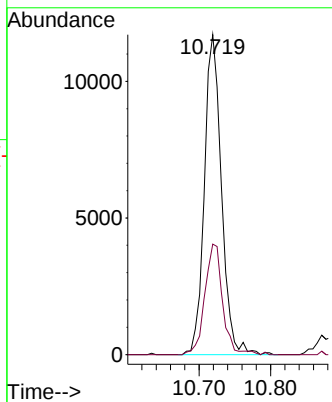
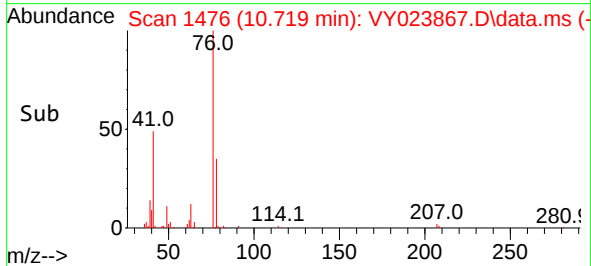
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 19426
Ion Ratio Lower Upper
76 100
78 35.9 25.9 38.9

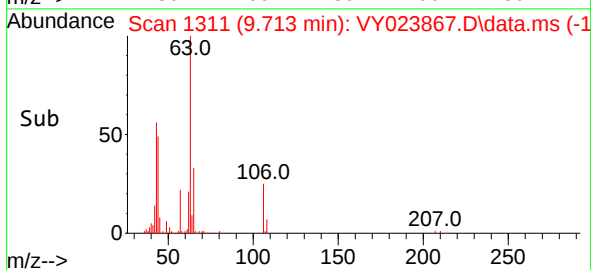
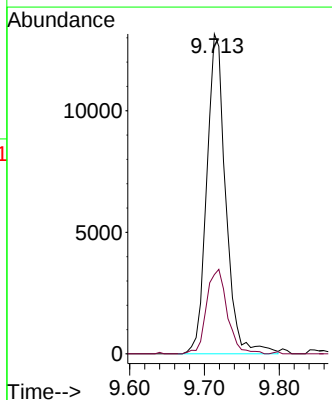
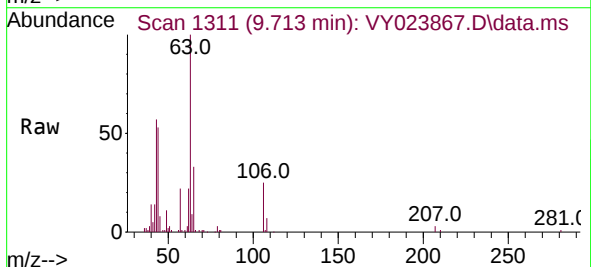
Manual Integrations
APPROVED

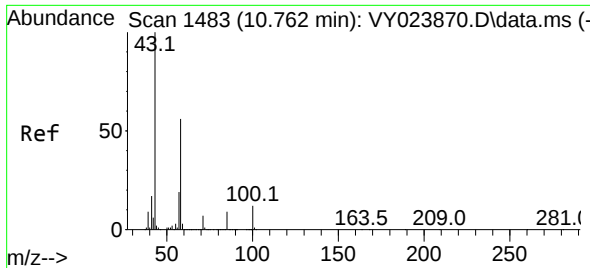
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 10.926 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

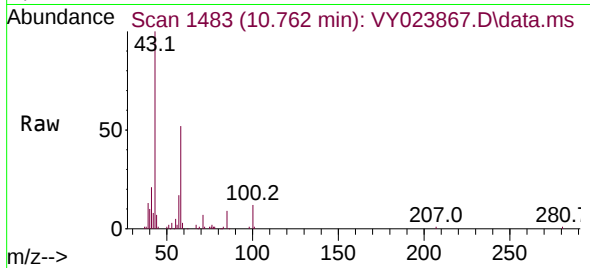
Tgt Ion: 63 Resp: 23213
Ion Ratio Lower Upper
63 100
106 28.9 22.5 33.7





#59
2-Hexanone
Concen: 13.050 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

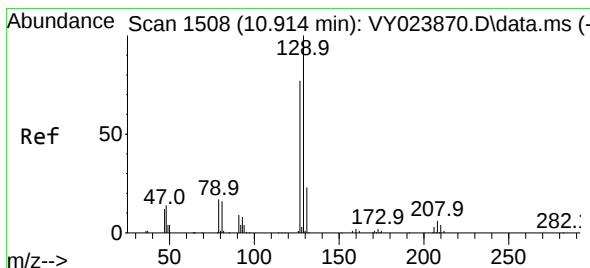
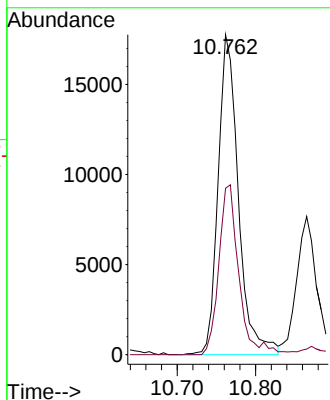
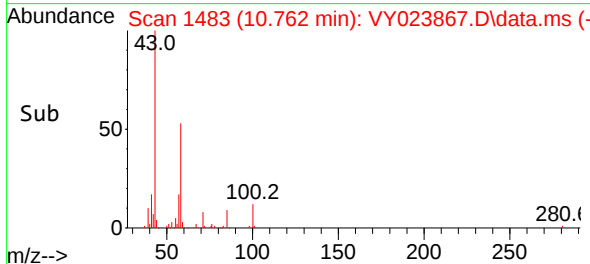
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



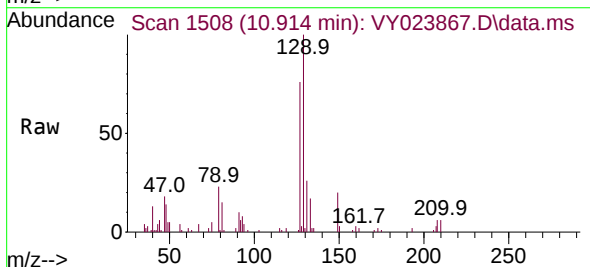
Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
58 52.3 27.7 83.1

Manual Integrations
APPROVED

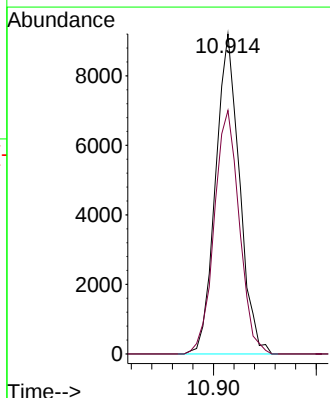
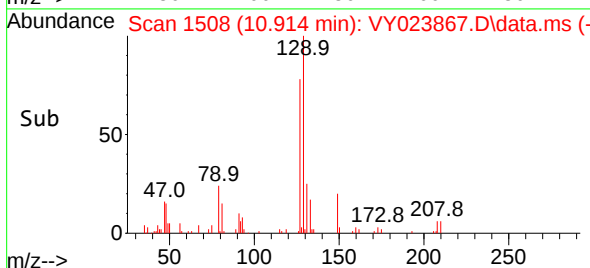
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

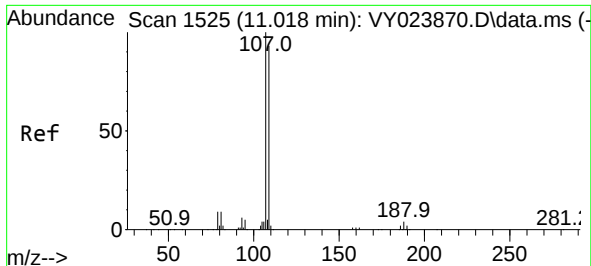


#60
Dibromochloromethane
Concen: 3.012 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



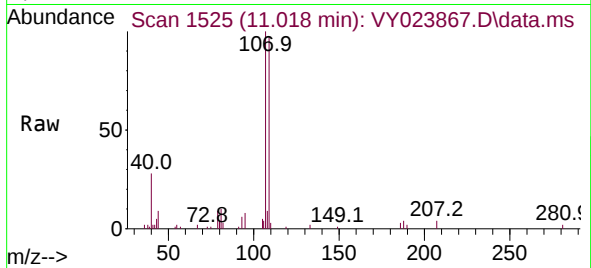
Tgt Ion:129 Resp: 14890
Ion Ratio Lower Upper
129 100
127 79.7 38.0 114.0





#61
1,2-Dibromoethane
Concen: 2.996 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

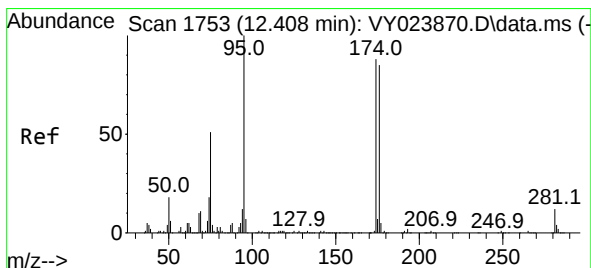
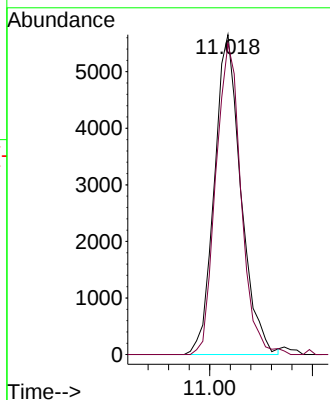
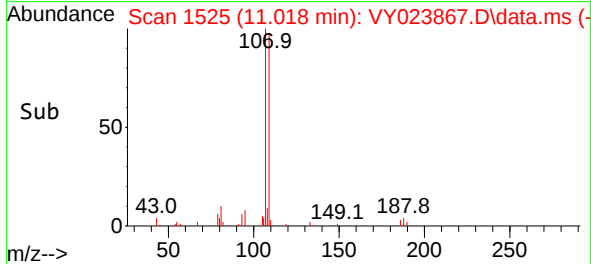
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



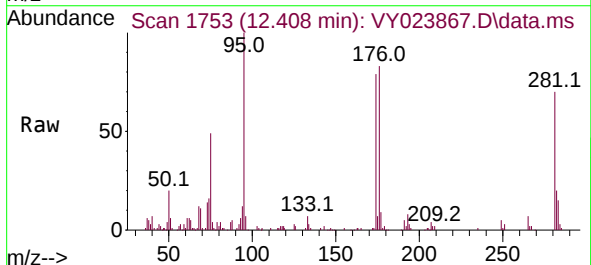
Tgt Ion:107 Resp: 10164
Ion Ratio Lower Upper
107 100
109 92.4 76.0 114.0

Manual Integrations
APPROVED

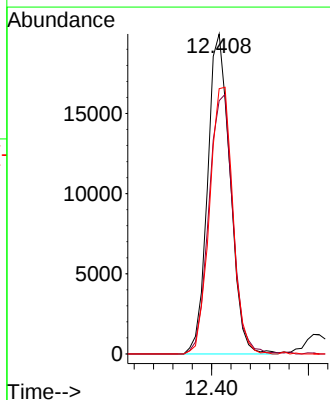
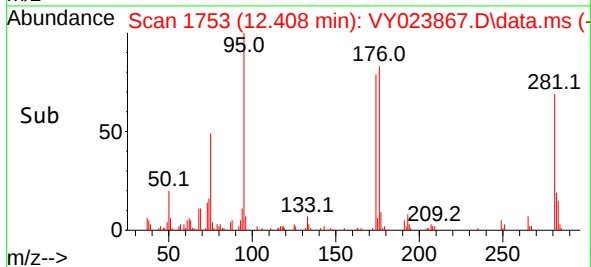
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

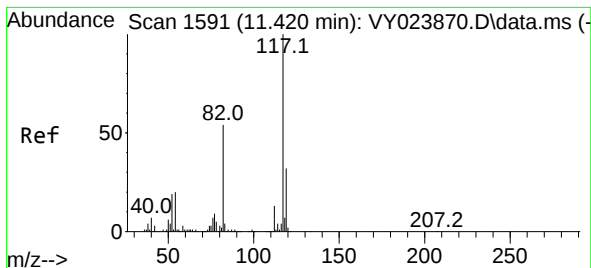


#62
4-Bromofluorobenzene
Concen: 4.947 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



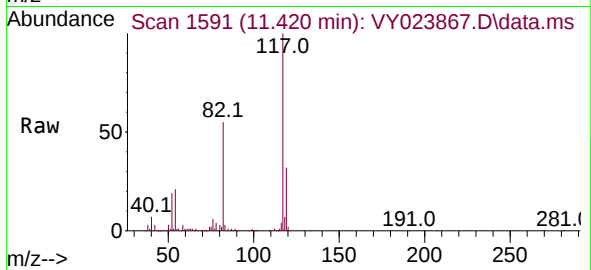
Tgt Ion: 95 Resp: 32244
Ion Ratio Lower Upper
95 100
174 86.4 0.0 169.6
176 86.1 0.0 164.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

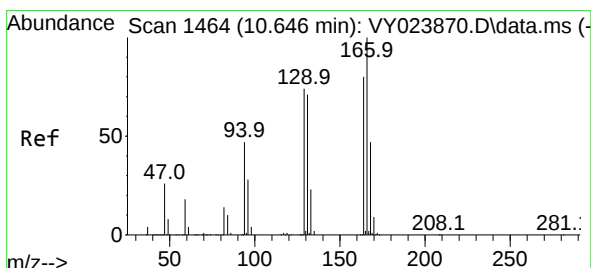
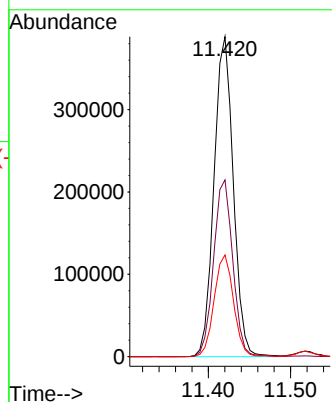
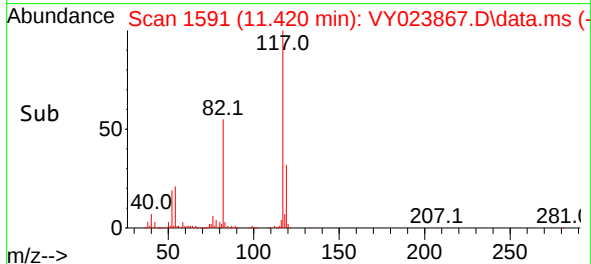
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 632996
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 31.8 26.0 39.0

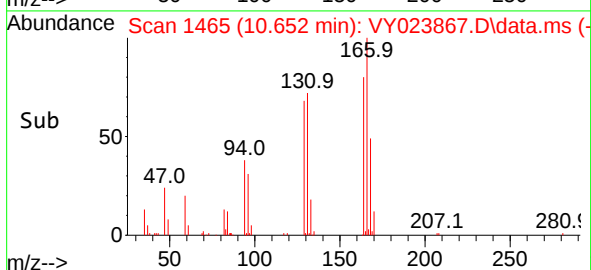
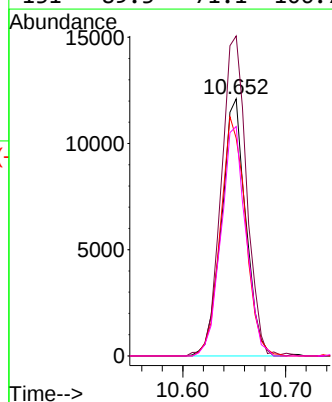
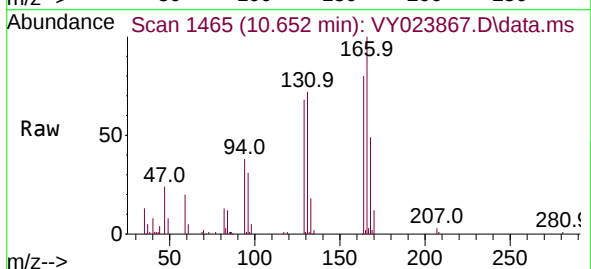
Manual Integrations
APPROVED

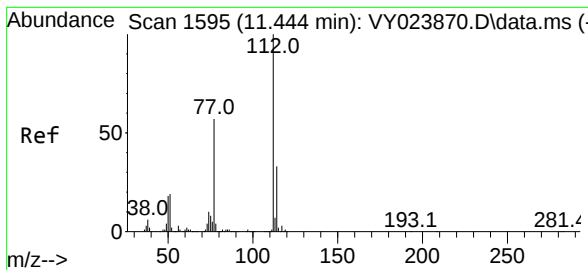
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 3.318 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

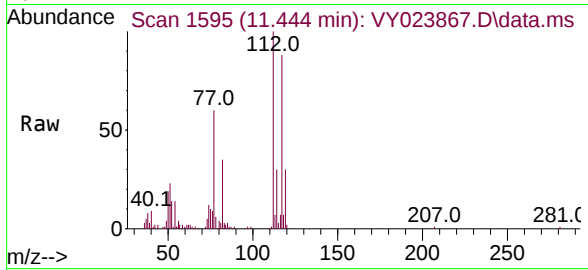
Tgt Ion:164 Resp: 19884
Ion Ratio Lower Upper
164 100
166 124.5 100.2 150.4
129 84.7 74.4 111.6
131 89.3 71.1 106.7





#65
Chlorobenzene
Concen: 3.254 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

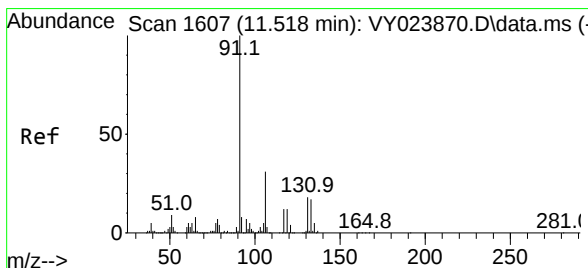
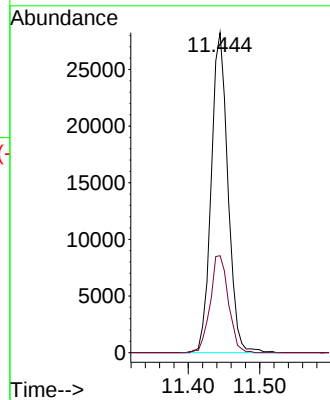
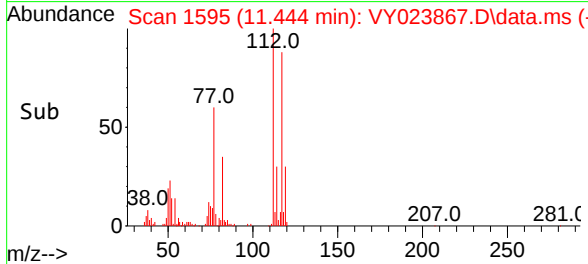
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



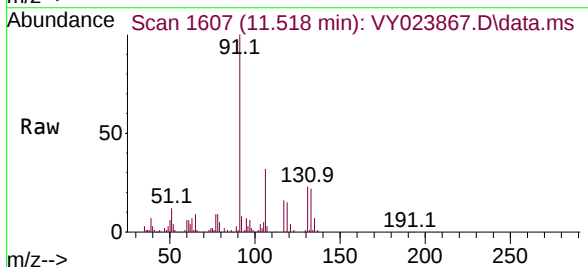
Tgt Ion:112 Resp: 45690
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.4

Manual Integrations
APPROVED

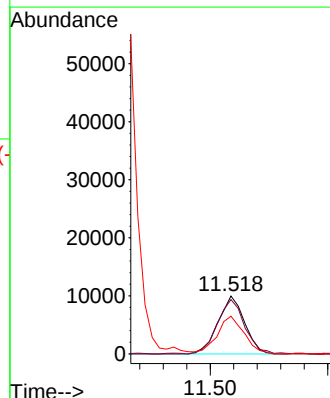
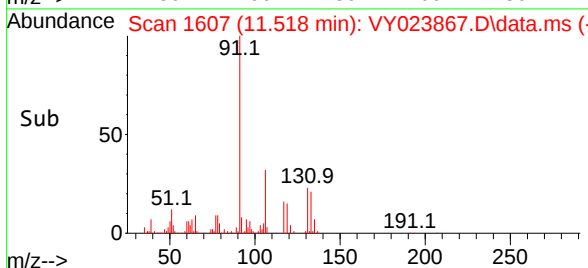
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

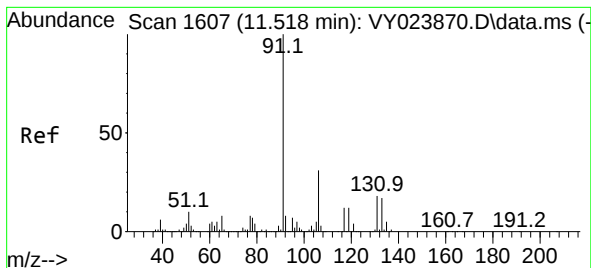


#66
1,1,1,2-Tetrachloroethane
Concen: 3.248 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



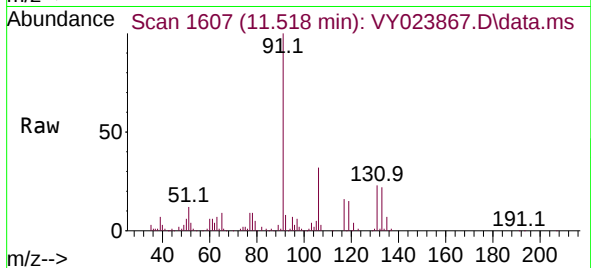
Tgt Ion:131 Resp: 15587
Ion Ratio Lower Upper
131 100
133 98.0 47.7 143.1
119 65.6 32.5 97.4





#67
Ethyl Benzene
Concen: 2.987 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

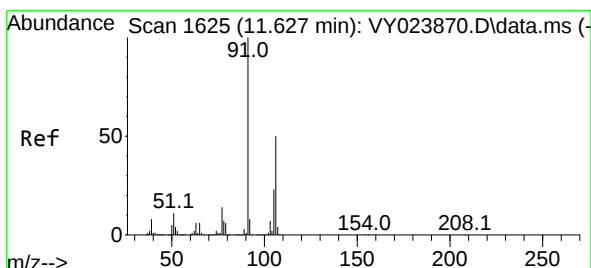
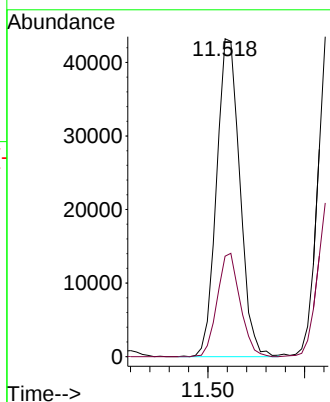
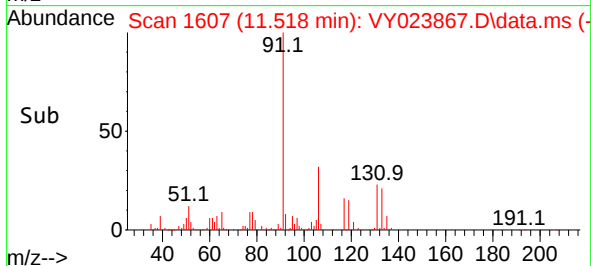
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



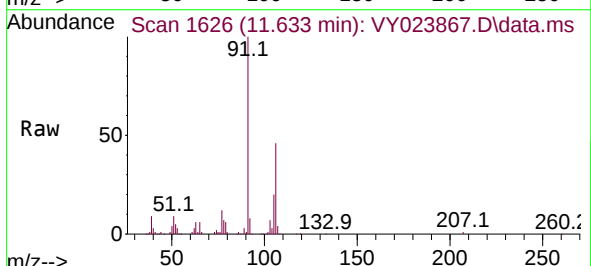
Tgt Ion: 91 Resp: 72334
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

Manual Integrations
APPROVED

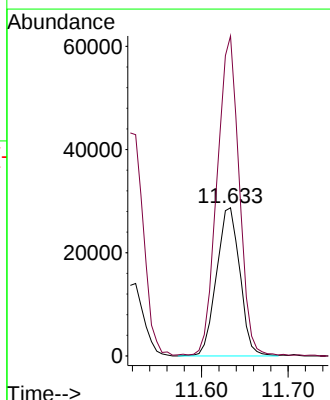
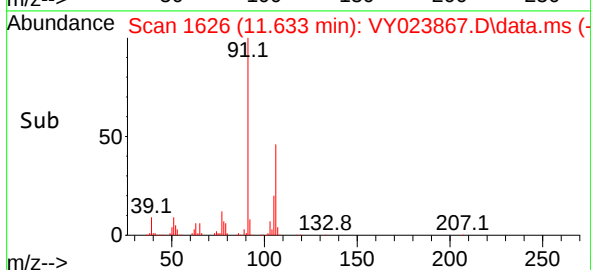
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

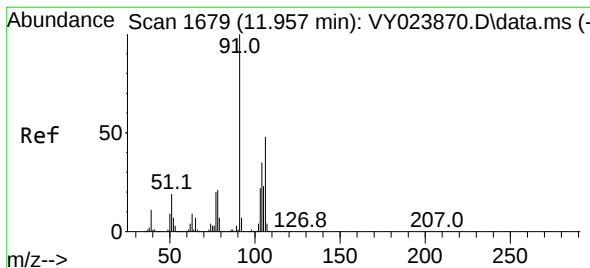


#68
m/p-Xylenes
Concen: 5.828 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion:106 Resp: 53945
Ion Ratio Lower Upper
106 100
91 204.6 159.7 239.5





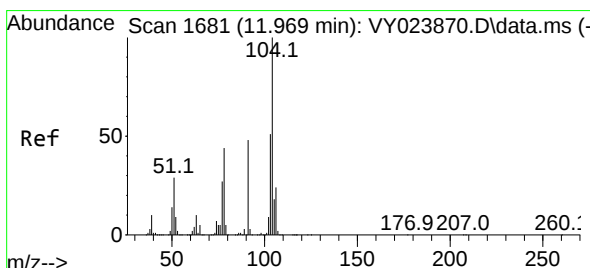
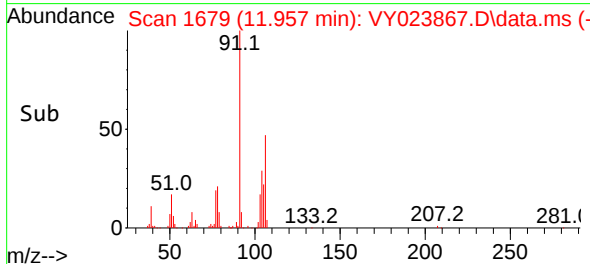
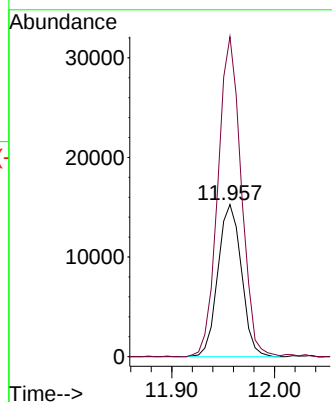
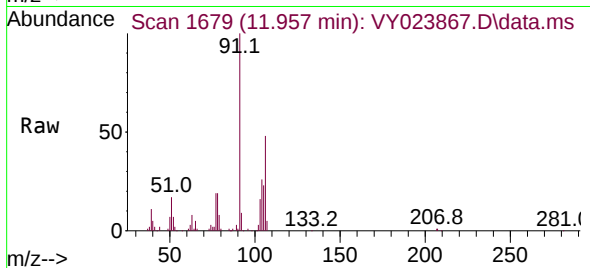
#69
o-Xylene
Concen: 2.792 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 24297
Ion Ratio Lower Upper
106 100
91 208.6 104.4 313.1

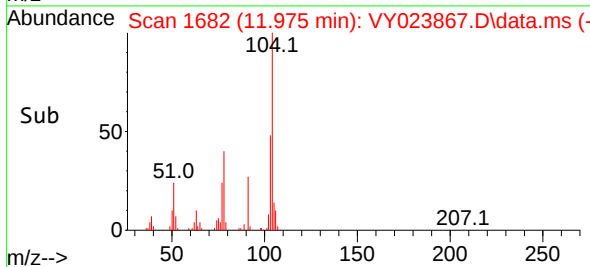
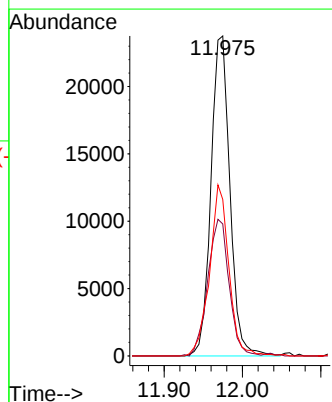
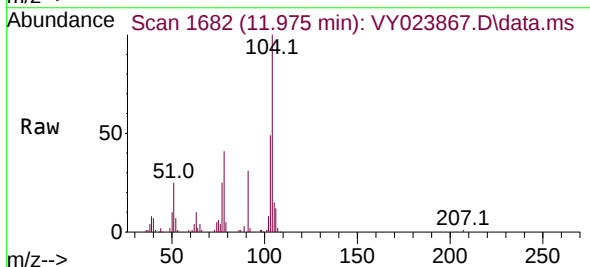
Manual Integrations
APPROVED

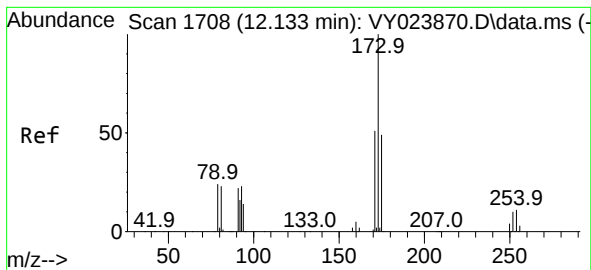
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 2.805 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion:104 Resp: 40004
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 54.3 43.9 65.9





#71

Bromoform

Concen: 3.120 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 8520

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.4

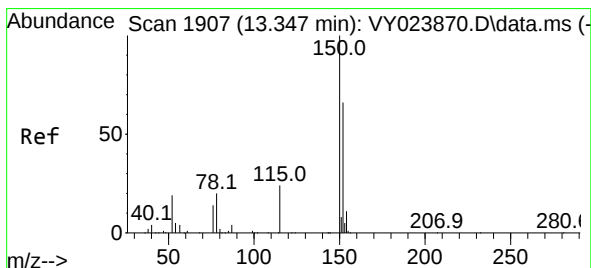
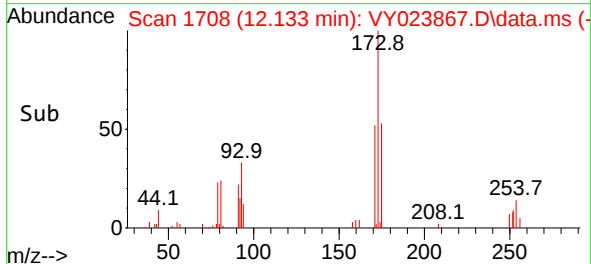
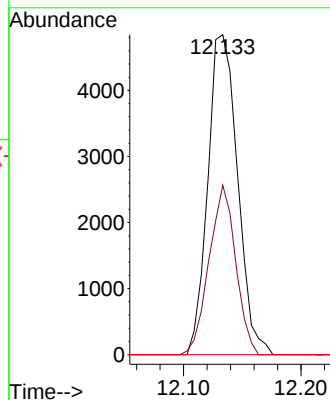
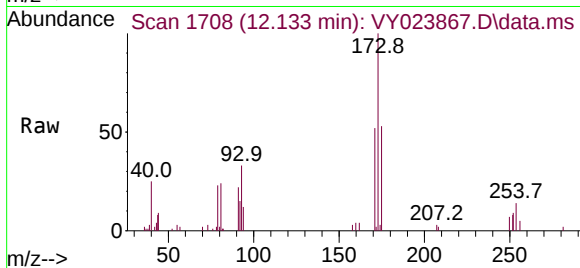
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

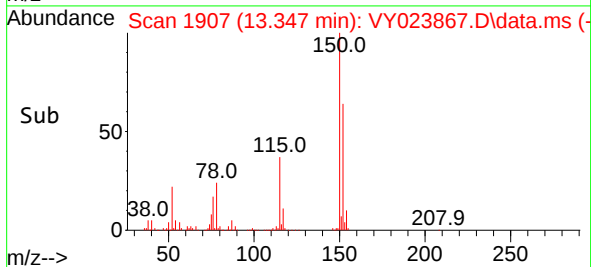
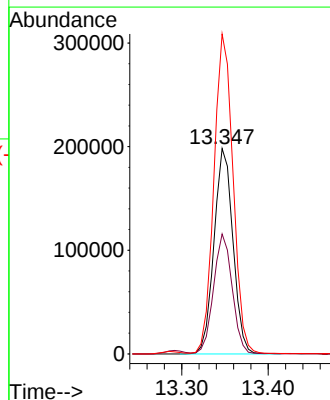
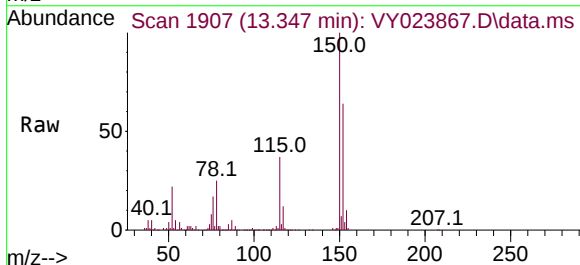
Tgt Ion:152 Resp: 302515

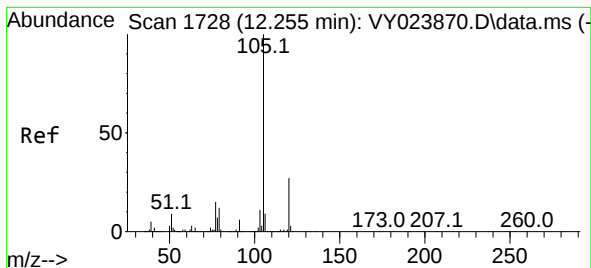
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.4

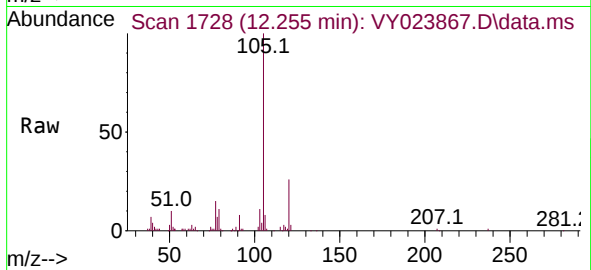
150 157.2 0.0 352.2





#73
Isopropylbenzene
Concen: 2.969 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

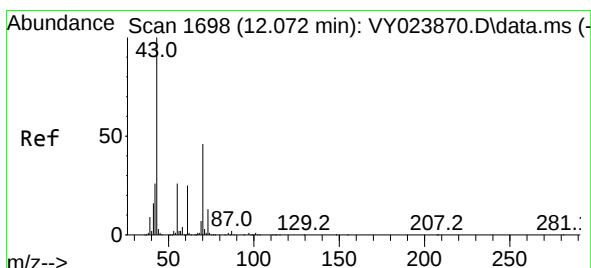
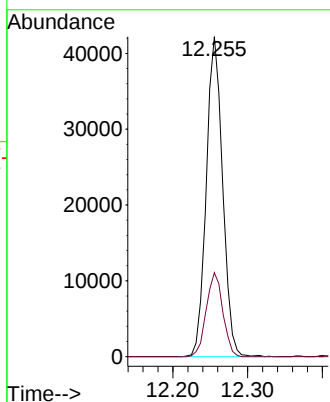
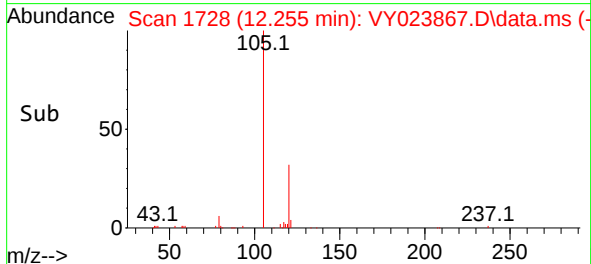
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



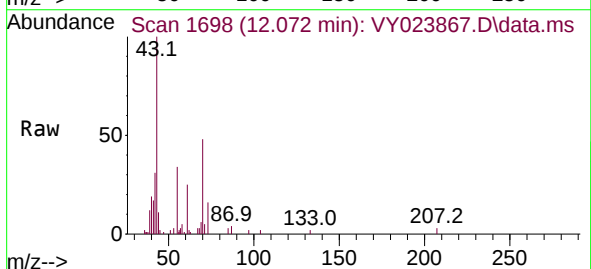
Tgt Ion:105 Resp: 64173
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

Manual Integrations
APPROVED

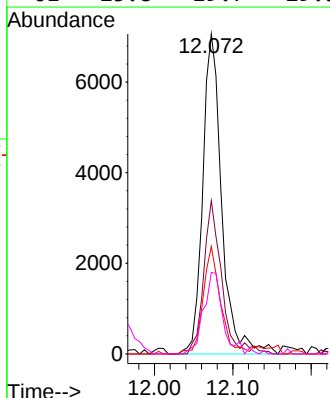
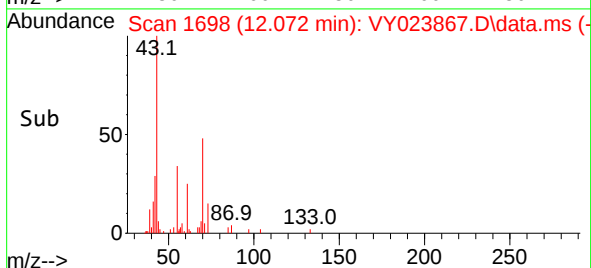
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

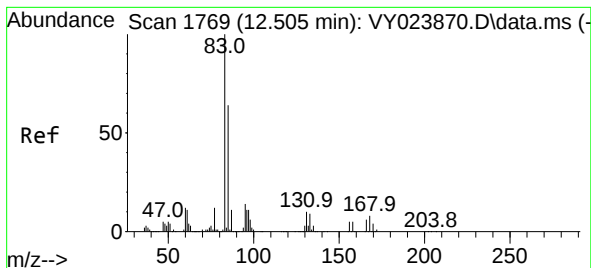


#74
N-ethyl acetate
Concen: 2.530 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



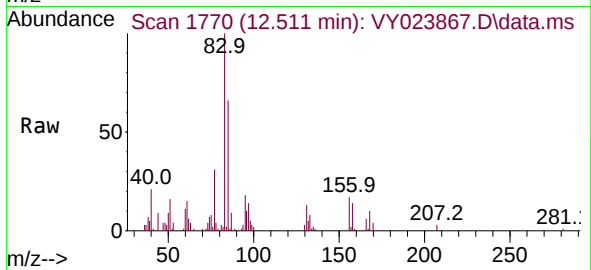
Tgt Ion: 43 Resp: 11935
Ion Ratio Lower Upper
43 100
70 42.9 35.5 53.3
55 30.7 21.1 31.7
61 25.8 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 3.203 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

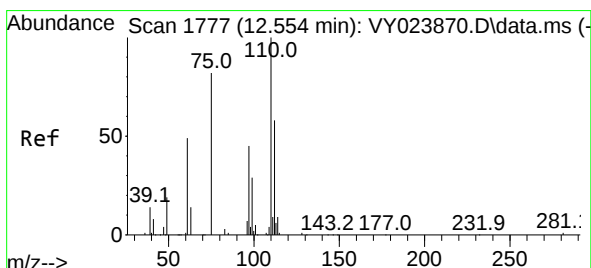
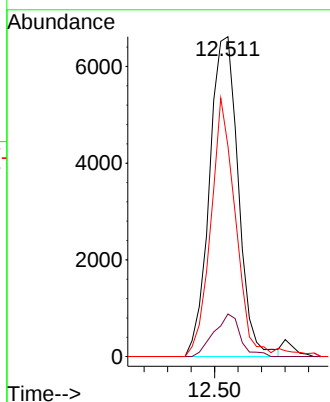
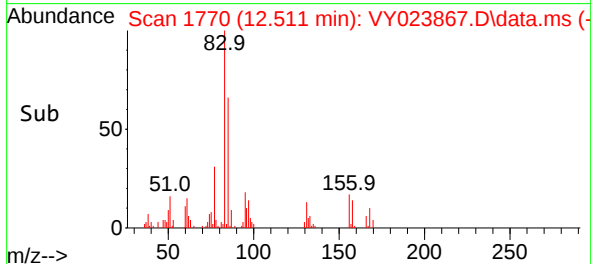
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



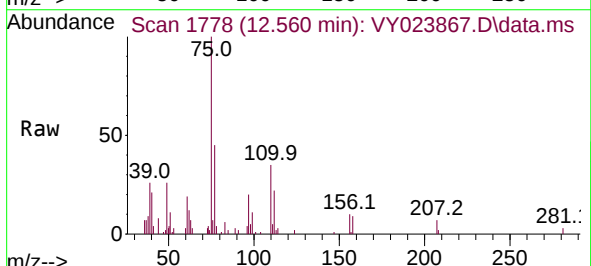
Tgt Ion: 83 Resp: 11265
Ion Ratio Lower Upper
83 100
131 12.2 5.3 15.9
85 68.6 31.9 95.7

Manual Integrations
APPROVED

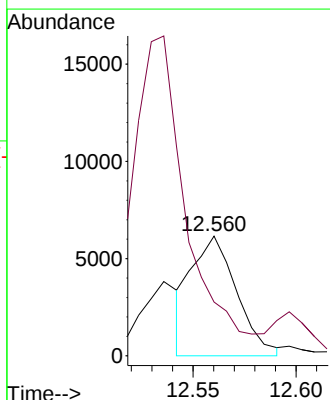
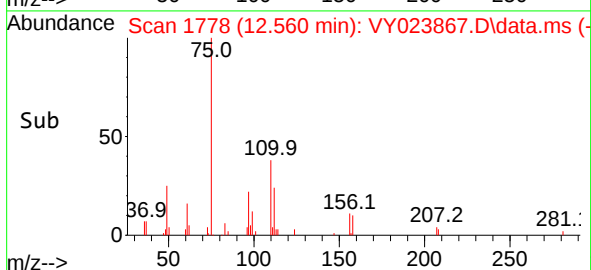
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

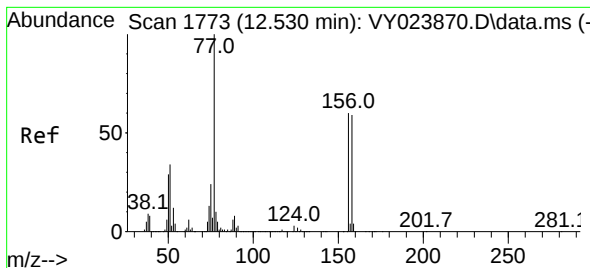


#76
1,2,3-Trichloropropane
Concen: 2.113 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion: 75 Resp: 9474
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





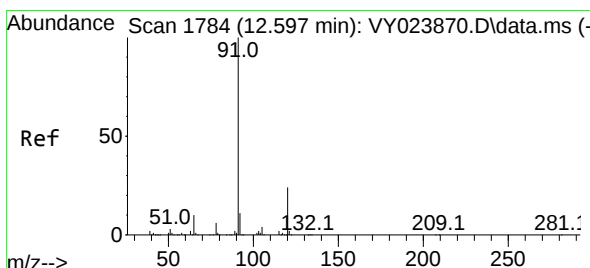
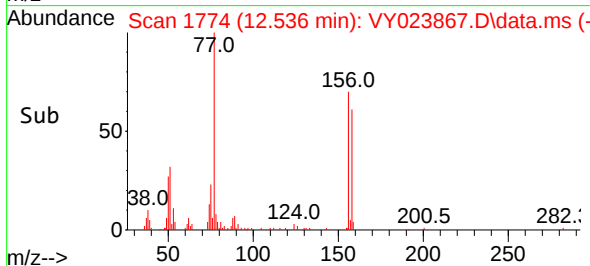
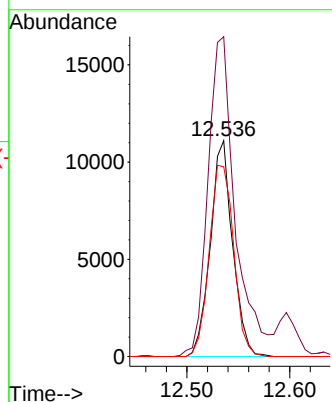
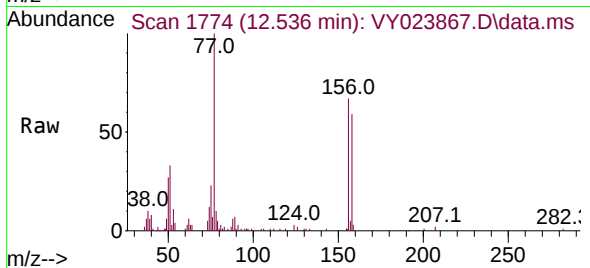
#77
Bromobenzene
Concen: 3.324 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 1675
Ion Ratio Lower Upper
156 100
77 179.2 89.6 268.9
158 97.1 48.6 145.8

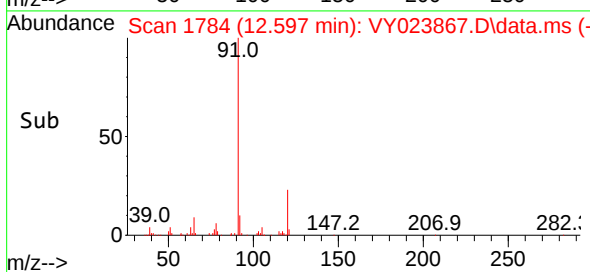
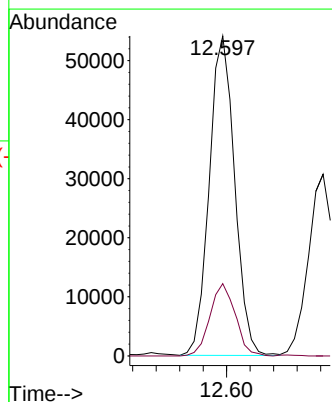
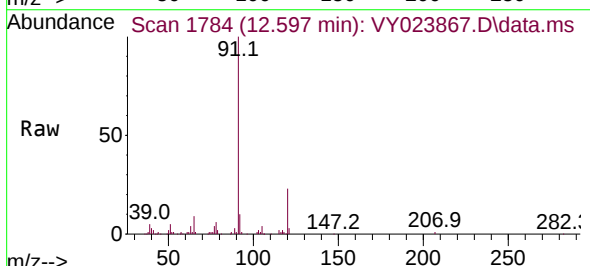
Manual Integrations
APPROVED

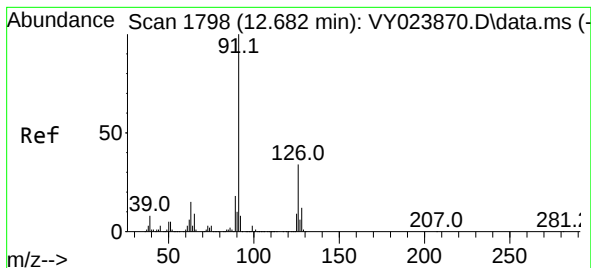
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#78
n-propylbenzene
Concen: 3.134 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Tgt Ion: 91 Resp: 81300
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5





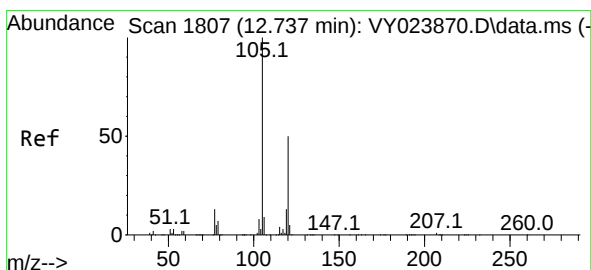
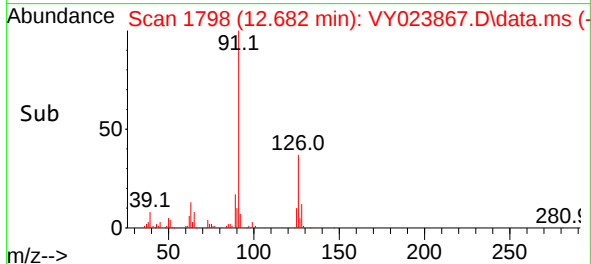
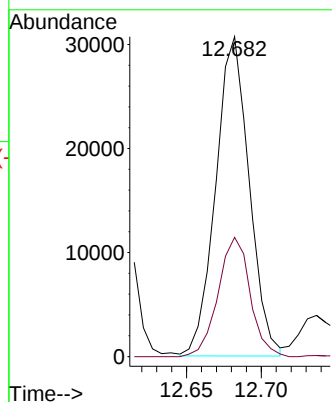
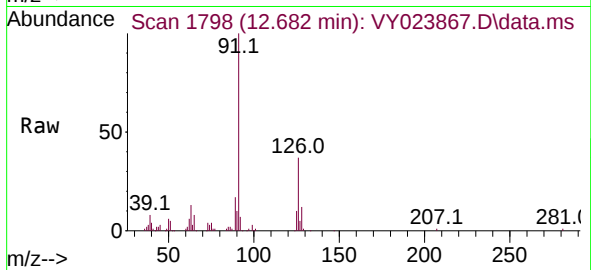
#79
2-Chlorotoluene
Concen: 3.242 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 47872
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

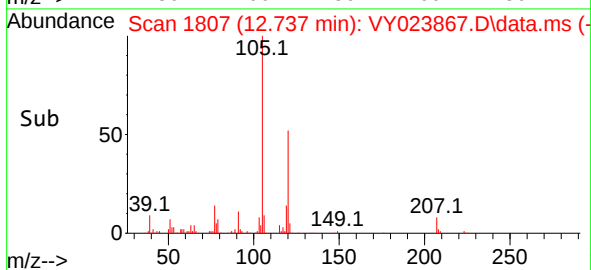
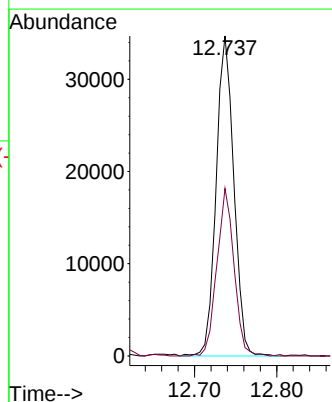
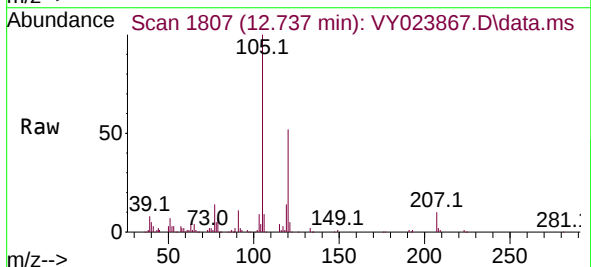
Manual Integrations
APPROVED

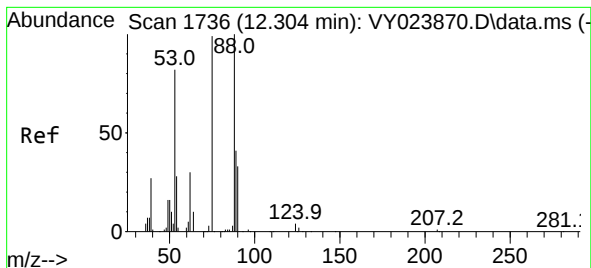
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.964 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

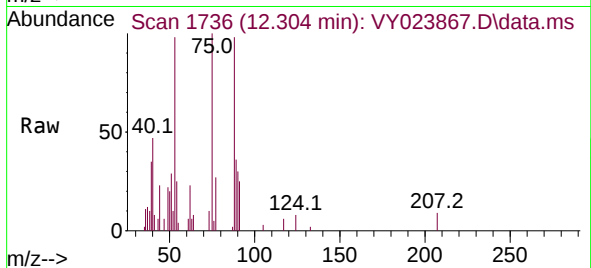
Tgt Ion:105 Resp: 51761
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.267 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

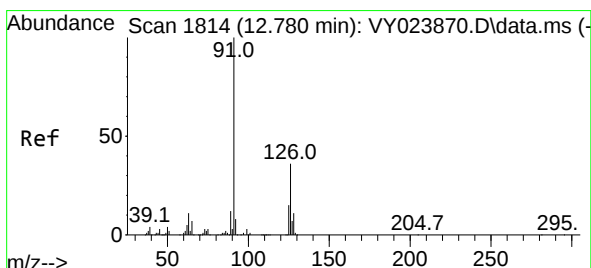
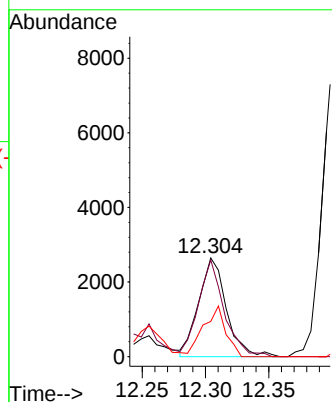
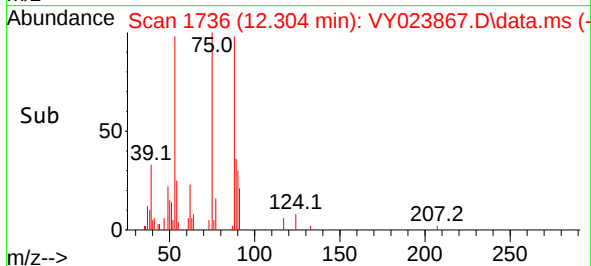
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 4030
Ion Ratio Lower Upper
75 100
53 91.1 71.1 106.7
89 40.8 36.3 54.5

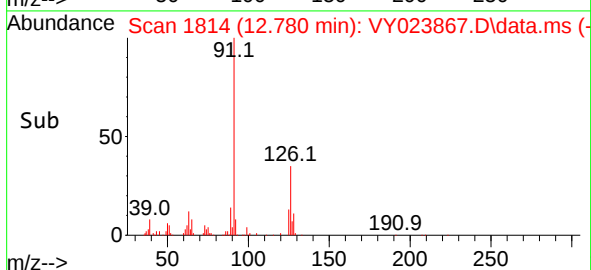
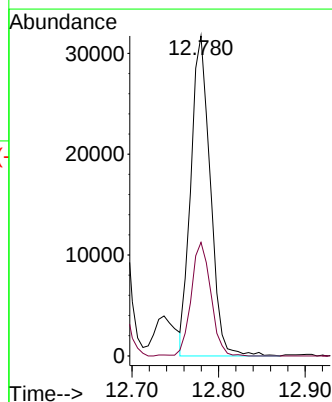
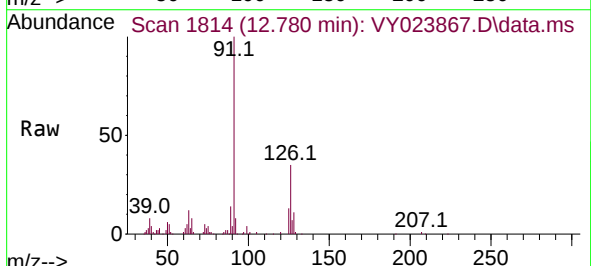
Manual Integrations
APPROVED

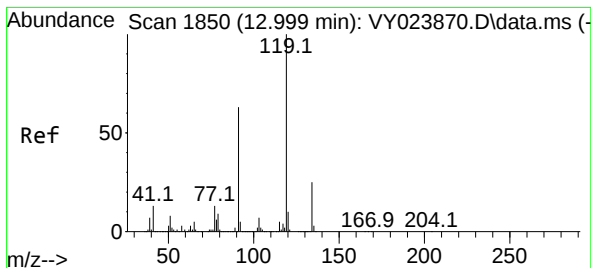
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 3.229 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

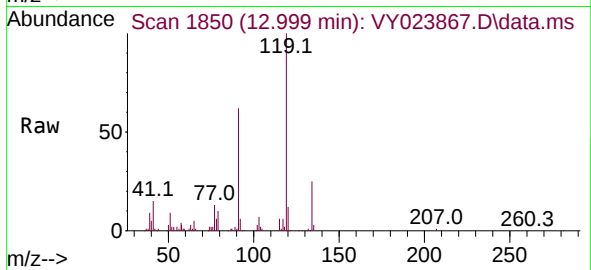
Tgt Ion: 91 Resp: 49348
Ion Ratio Lower Upper
91 100
126 35.9 17.1 51.2





#83
tert-Butylbenzene
Concen: 3.009 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

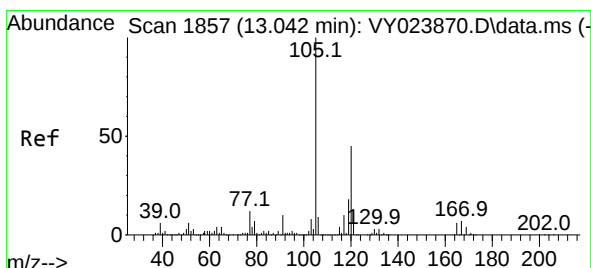
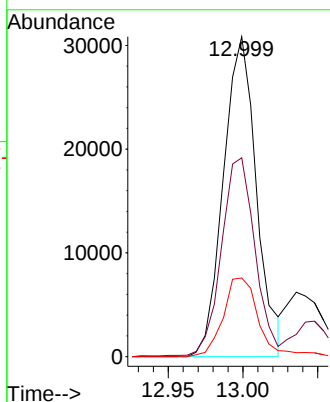
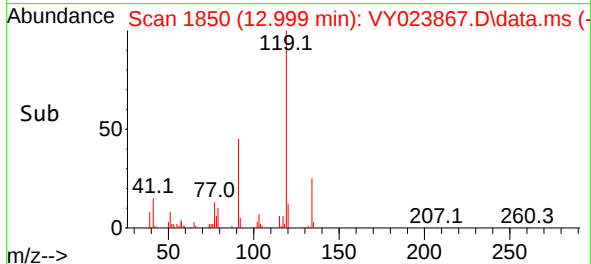
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



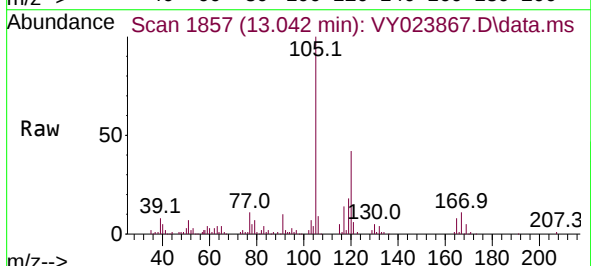
Tgt Ion:119 Resp: 47521
Ion Ratio Lower Upper
119 100
91 63.4 31.8 95.3
134 26.4 12.9 38.7

Manual Integrations
APPROVED

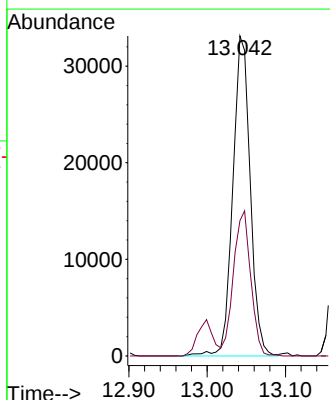
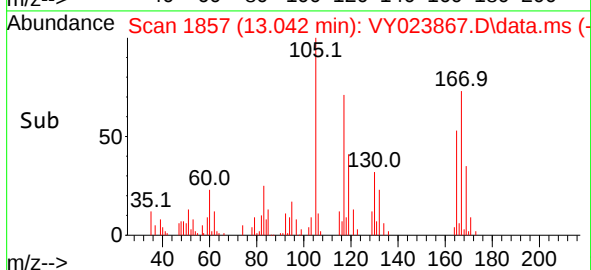
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

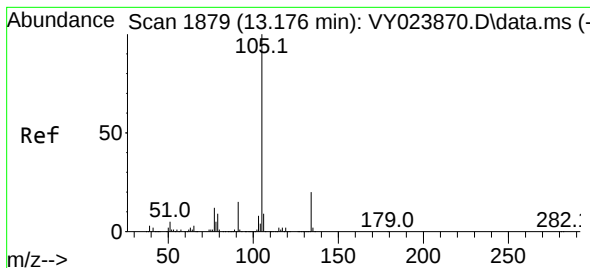


#84
1,2,4-Trimethylbenzene
Concen: 2.949 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



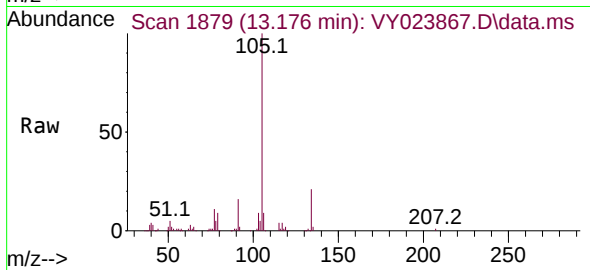
Tgt Ion:105 Resp: 51218
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 2.981 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42

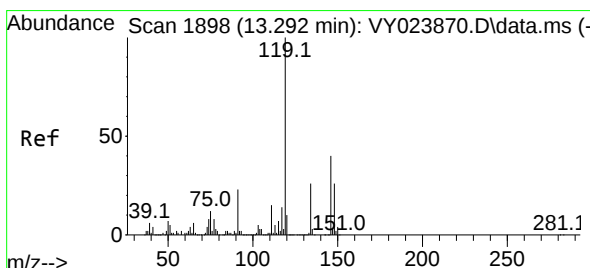
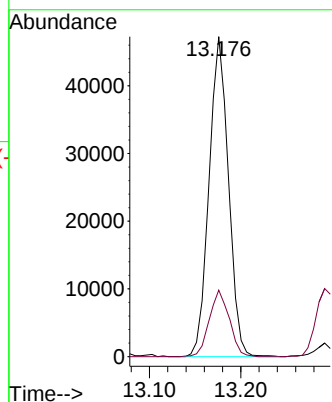
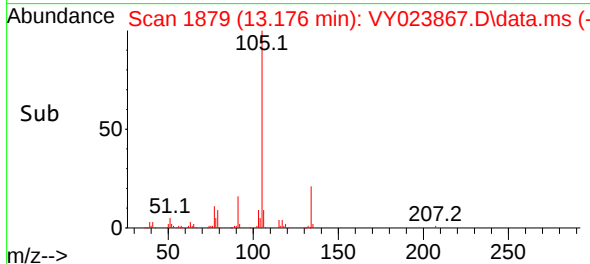
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



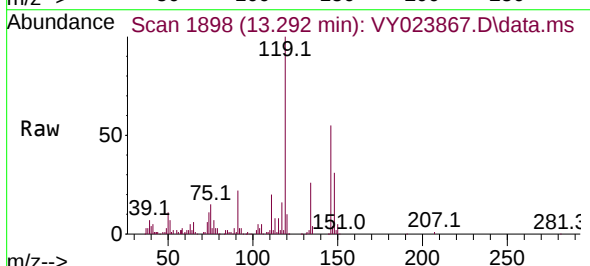
Tgt Ion:105 Resp: 69900
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3

Manual Integrations
 APPROVED

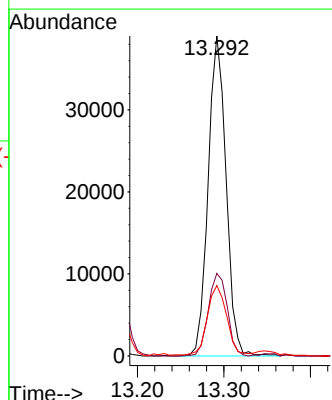
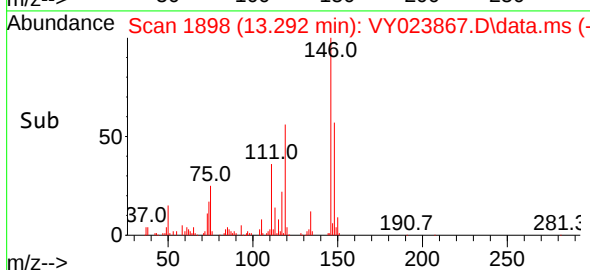
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

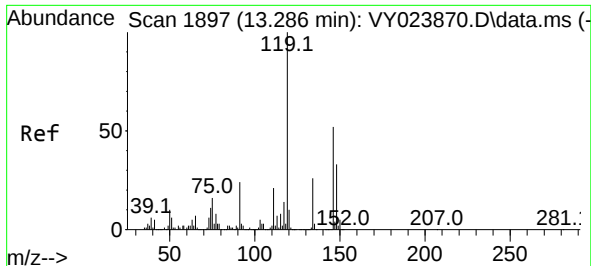


#86
 p-Isopropyltoluene
 Concen: 2.883 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023867.D
 Acq: 03 Dec 2025 13:42



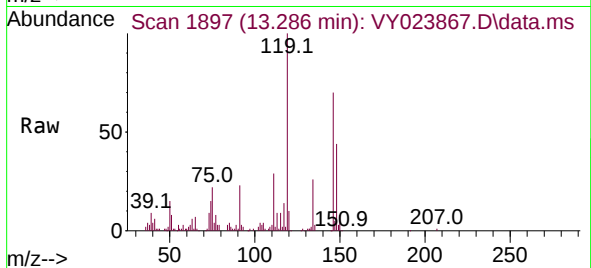
Tgt Ion:119 Resp: 56002
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.1
 91 24.1 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 3.458 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

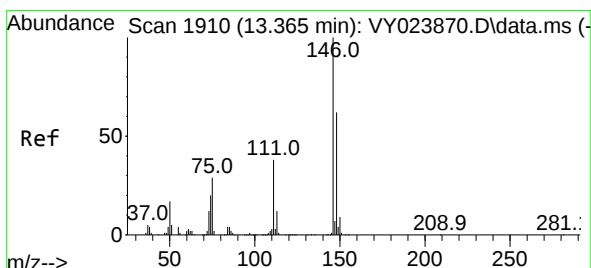
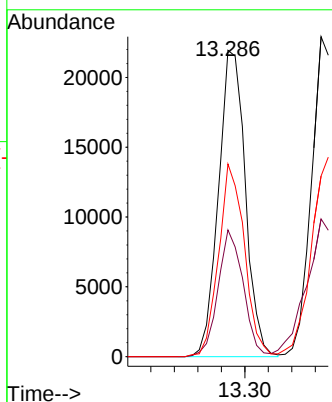
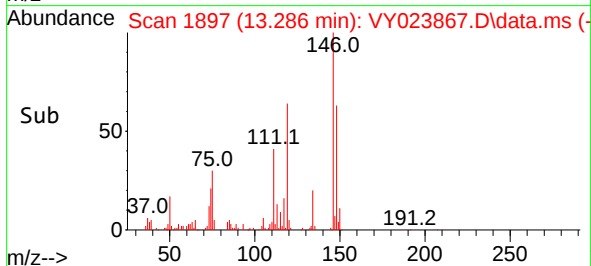
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



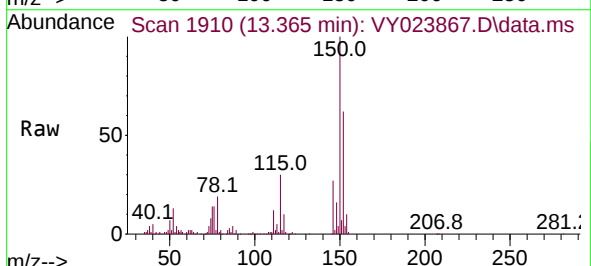
Tgt Ion:146 Resp: 34809
Ion Ratio Lower Upper
146 100
111 38.7 20.0 60.0
148 60.3 32.0 96.2

Manual Integrations
APPROVED

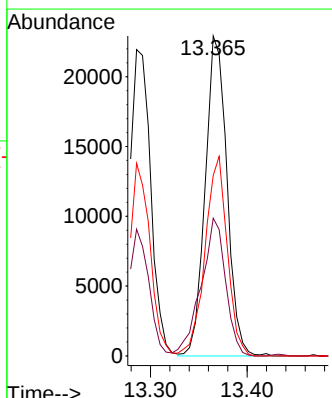
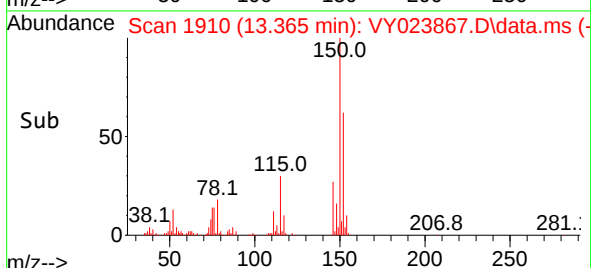
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

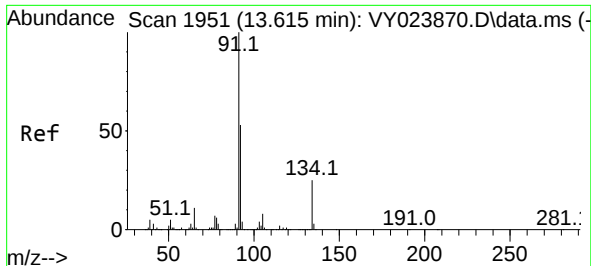


#88
1,4-Dichlorobenzene
Concen: 3.588 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion:146 Resp: 35675
Ion Ratio Lower Upper
146 100
111 48.8 19.4 58.1
148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 3.062 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

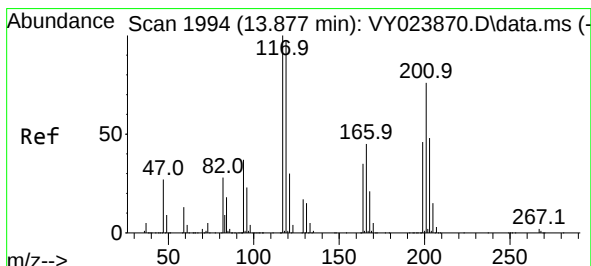
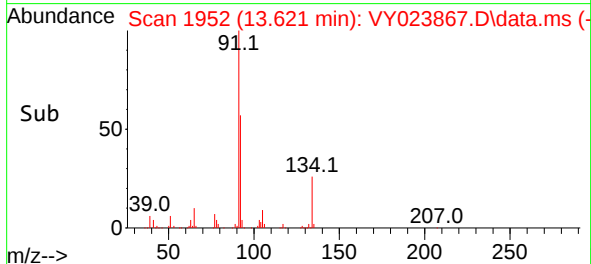
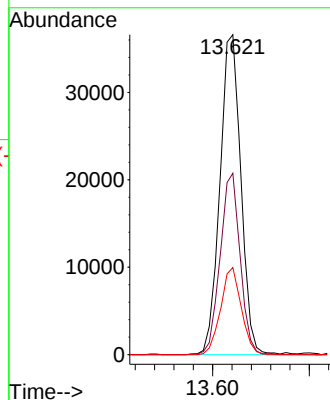
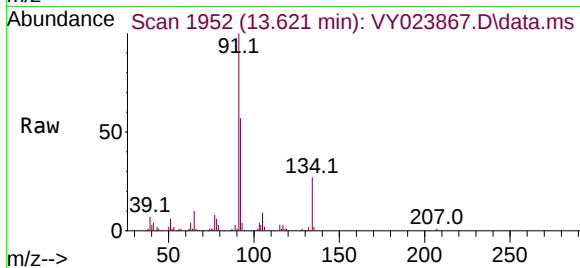
Tgt Ion: 91	Resp: 55168
Ion Ratio	Lower Upper
91 100	
92 54.1	26.7 80.0
134 26.8	13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 3.316 ug/l

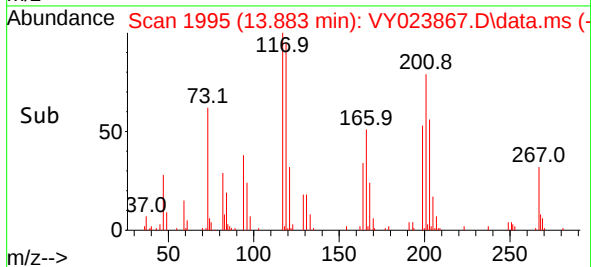
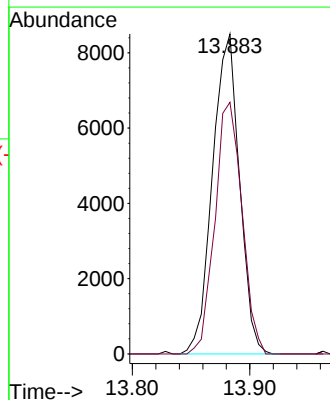
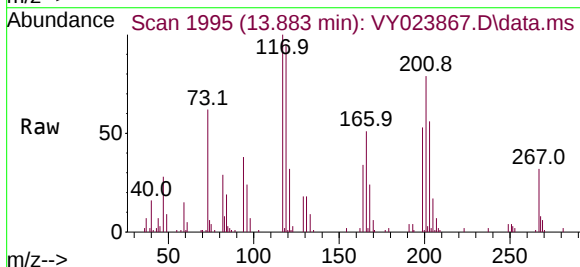
RT: 13.883 min Scan# 1995

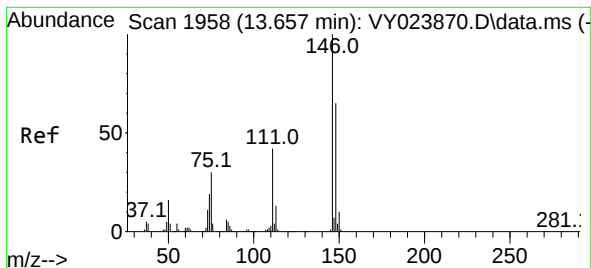
Delta R.T. 0.006 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

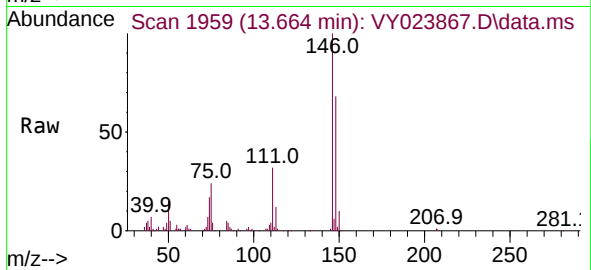
Tgt Ion: 117	Resp: 13544
Ion Ratio	Lower Upper
117 100	
201 79.1	39.1 117.2





#91
1,2-Dichlorobenzene
Concen: 3.442 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

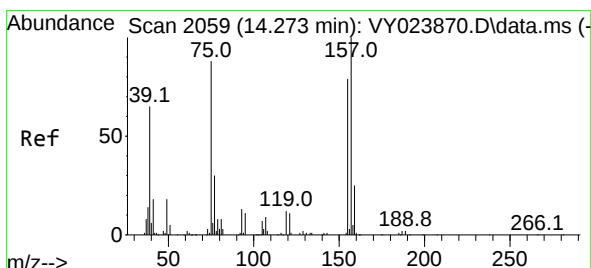
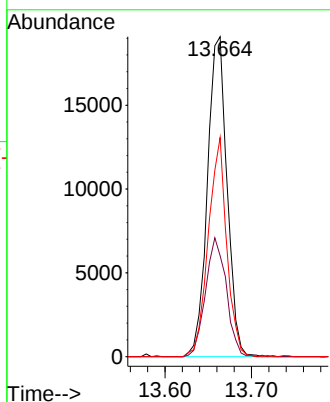
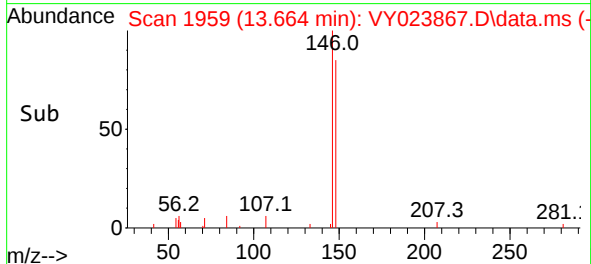
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



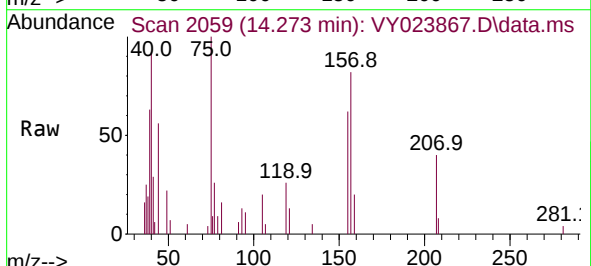
Tgt Ion:146 Resp: 30160
Ion Ratio Lower Upper
146 100
111 39.2 20.4 61.3
148 64.2 32.3 96.8

Manual Integrations
APPROVED

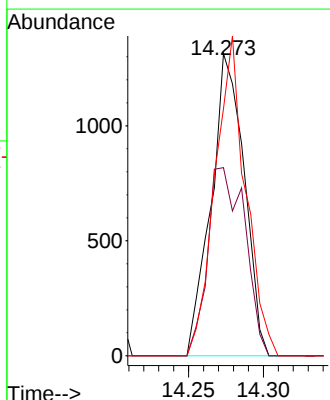
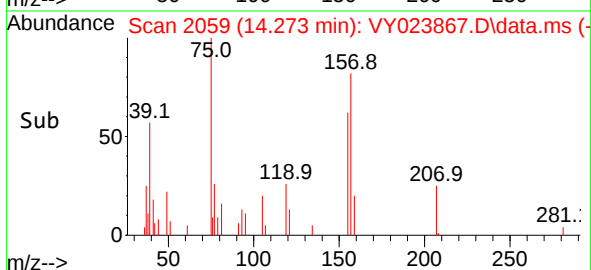
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

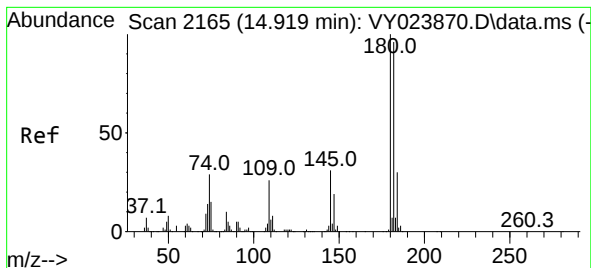


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.650 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion: 75 Resp: 2025
Ion Ratio Lower Upper
75 100
155 70.1 44.4 133.2
157 97.9 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 3.325 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

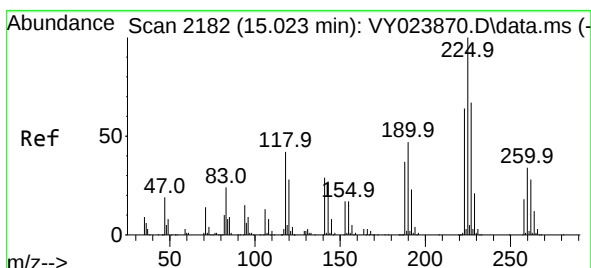
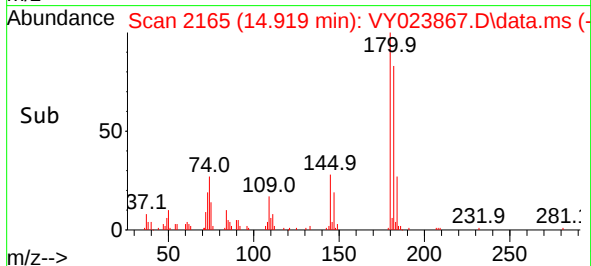
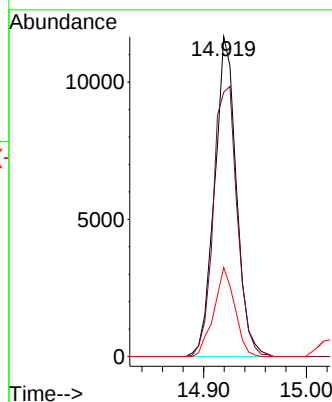
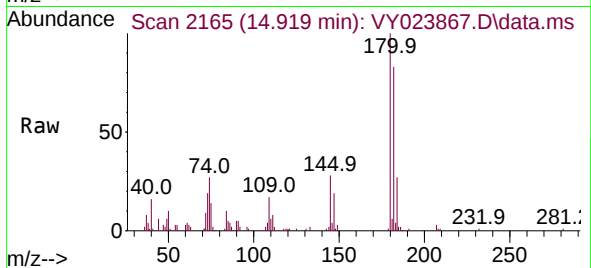
Tgt Ion:180	Resp:	17254
Ion Ratio	Lower	Upper
180	100	
182	92.6	47.4 142.3
145	26.6	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 3.643 ug/l

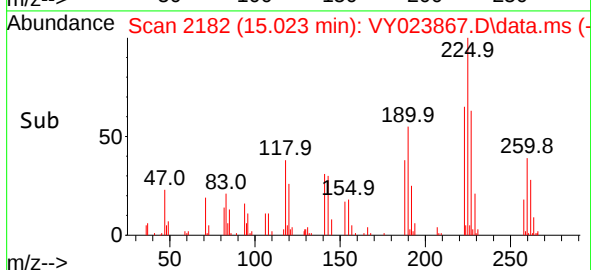
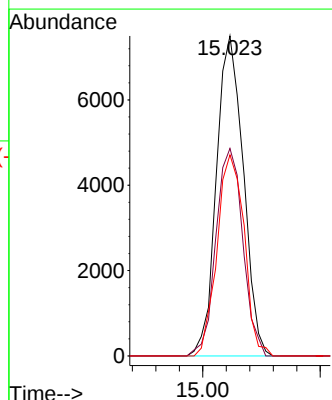
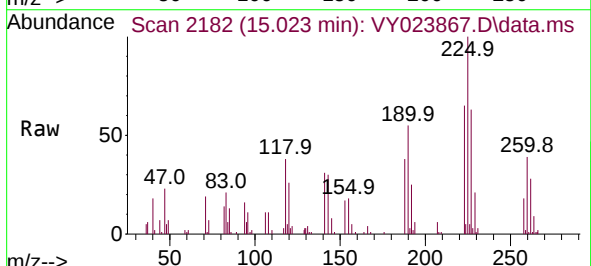
RT: 15.023 min Scan# 2182

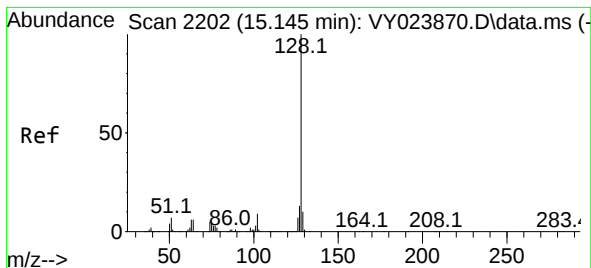
Delta R.T. 0.000 min

Lab File: VY023867.D

Acq: 03 Dec 2025 13:42

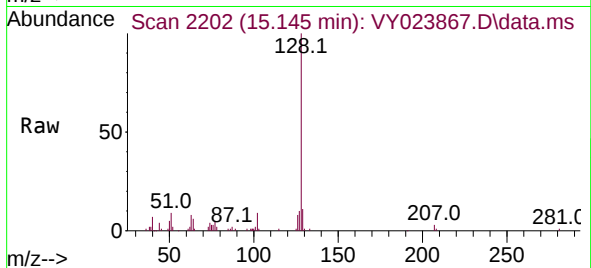
Tgt Ion:225	Resp:	11916
Ion Ratio	Lower	Upper
225	100	
223	64.9	31.6 95.0
227	63.3	32.6 97.8





#95
Naphthalene
Concen: 2.797 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42

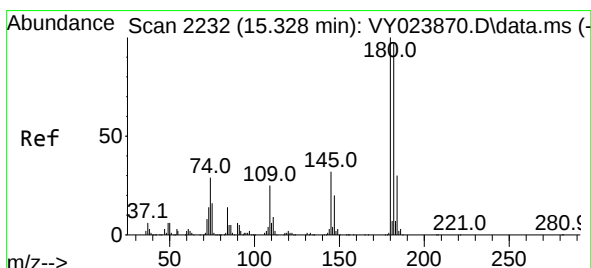
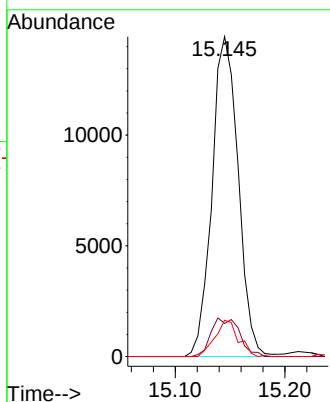
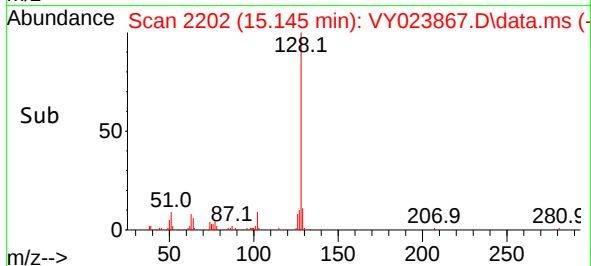
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



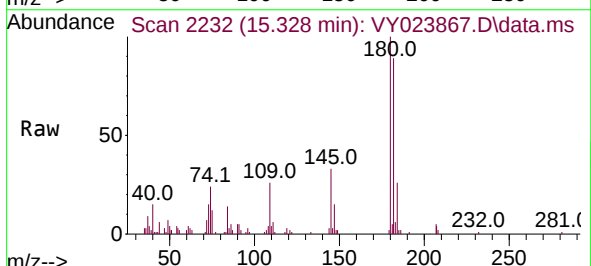
Tgt Ion:128 Resp: 24036
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 3.453 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023867.D
Acq: 03 Dec 2025 13:42



Tgt Ion:180 Resp: 15302
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.8
145 31.3 15.7 47.1

