

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023865.D
 Acq On : 03 Dec 2025 08:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 01:34:41 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	491531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	746676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	666520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	344346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	239571	47.627	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.640	113	228951	46.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.280%		
50) Toluene-d8	10.109	98	887731	47.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.408	95	303131	47.972	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	164784	46.030	ug/l	100
3) Chloromethane	2.080	50	228512	44.759	ug/l	100
4) Vinyl Chloride	2.214	62	269963	45.860	ug/l	99
5) Bromomethane	2.605	94	209532	49.254	ug/l	99
6) Chloroethane	2.745	64	189442	47.877	ug/l	99
7) Trichlorofluoromethane	3.068	101	401716	49.468	ug/l	99
8) Diethyl Ether	3.464	74	133081	54.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	245358	50.530	ug/l	98
10) Methyl Iodide	4.013	142	265575	53.955	ug/l	99
11) Tert butyl alcohol	4.879	59	96323	280.770	ug/l	97
12) 1,1-Dichloroethene	3.800	96	228089	49.503	ug/l	100
13) Acrolein	3.665	56	131700	413.042	ug/l	96
14) Allyl chloride	4.397	41	379293	51.471	ug/l	98
15) Acrylonitrile	5.068	53	331206	308.700	ug/l	100
16) Acetone	3.879	43	469548	326.422	ug/l	99
17) Carbon Disulfide	4.117	76	621541	45.603	ug/l	99
18) Methyl Acetate	4.397	43	164417	67.244	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	663484	57.188	ug/l	98
20) Methylene Chloride	4.629	84	259572	45.525	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	255317	50.497	ug/l	99
22) Diisopropyl ether	6.031	45	901585	55.585	ug/l	98
23) Vinyl Acetate	5.970	43	2627231	291.297	ug/l	99
24) 1,1-Dichloroethane	5.927	63	487711	52.057	ug/l	98
25) 2-Butanone	6.903	43	540903	311.633	ug/l	97
26) 2,2-Dichloropropane	6.897	77	430406	51.137	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	306931	52.063	ug/l	99
28) Bromochloromethane	7.256	49	185231	52.090	ug/l	98
29) Tetrahydrofuran	7.268	42	289487	322.376	ug/l	98
30) Chloroform	7.427	83	496266	52.706	ug/l	98
31) Cyclohexane	7.707	56	425281	47.596	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	439606	51.896	ug/l	99
36) 1,1-Dichloropropene	7.841	75	356272	52.002	ug/l	100
37) Ethyl Acetate	6.994	43	196119	62.229	ug/l	99
38) Carbon Tetrachloride	7.823	117	395953	52.715	ug/l	98
39) Methylcyclohexane	9.116	83	456276	51.124	ug/l	100
40) Benzene	8.085	78	1095401	52.933	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	109756	69.021	ug/l #	89
42) 1,2-Dichloroethane	8.165	62	301800	55.414	ug/l	99
43) Isopropyl Acetate	8.201	43	361349	60.351	ug/l	98
44) Trichloroethene	8.872	130	286004	54.000	ug/l	100
45) 1,2-Dichloropropane	9.146	63	268514	54.555	ug/l	98
46) Dibromomethane	9.238	93	152628	57.400	ug/l	98
47) Bromodichloromethane	9.427	83	387430	55.012	ug/l	97
48) Methyl methacrylate	9.225	41	176516	62.770	ug/l	99
49) 1,4-Dioxane	9.238	88	37973	1303.138	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	1034320	330.134	ug/l	99
52) Toluene	10.176	92	699201	53.886	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	363832	57.319	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	417025	55.876	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	207363	57.973	ug/l	98
56) Ethyl methacrylate	10.445	69	287294	62.365	ug/l	98
57) 1,3-Dichloropropane	10.719	76	359382	58.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	645275	313.268	ug/l	99
59) 2-Hexanone	10.762	43	809388	341.662	ug/l	99
60) Dibromochloromethane	10.914	129	274814	57.338	ug/l	98
61) 1,2-Dibromoethane	11.018	107	191090	58.105	ug/l	98
64) Tetrachloroethene	10.652	164	342672	54.306	ug/l	99
65) Chlorobenzene	11.445	112	769918	52.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	268919	53.216	ug/l	100
67) Ethyl Benzene	11.524	91	1353550	53.079	ug/l	100
68) m/p-Xylenes	11.634	106	1038663	106.566	ug/l	99
69) o-Xylene	11.957	106	491647	53.661	ug/l	100
70) Styrene	11.975	104	822458	54.770	ug/l	99
71) Bromoform	12.133	173	165731	57.601	ug/l	99
73) Isopropylbenzene	12.255	105	1316087	53.491	ug/l	100
74) N-amyl acetate	12.072	43	329645	61.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	226130	56.480	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	167186m	32.759	ug/l	
77) Bromobenzene	12.536	156	303920	52.964	ug/l	98
78) n-propylbenzene	12.597	91	1588414	53.797	ug/l	100
79) 2-Chlorotoluene	12.682	91	888157	52.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1074646	54.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	84251	60.012	ug/l	100
82) 4-Chlorotoluene	12.780	91	915638	52.643	ug/l	99
83) tert-Butylbenzene	12.999	119	978516	54.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	1067604	53.997	ug/l	98
85) sec-Butylbenzene	13.176	105	1440289	53.962	ug/l	100
86) p-Isopropyltoluene	13.292	119	1196885	54.138	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	597812	52.167	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	594389	52.521	ug/l	100
89) n-Butylbenzene	13.621	91	1103401	53.799	ug/l	100
90) Hexachloroethane	13.883	117	241468	51.941	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	542766	54.417	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	37993	60.161	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	310259	52.532	ug/l	99
94) Hexachlorobutadiene	15.029	225	189154	50.807	ug/l	98
95) Naphthalene	15.145	128	575247	58.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	270135	53.558	ug/l	99

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ClientSampleId :
VSTDCCC050

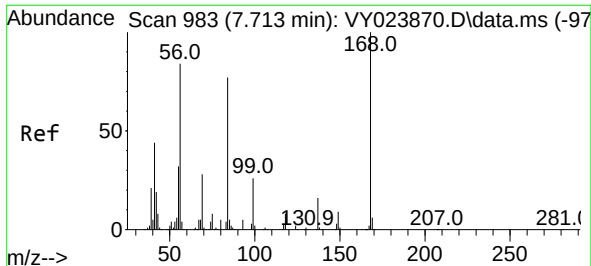
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 04 01:33:58 2025
Response via : Initial Calibration

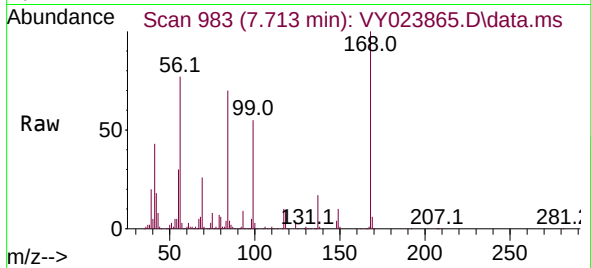
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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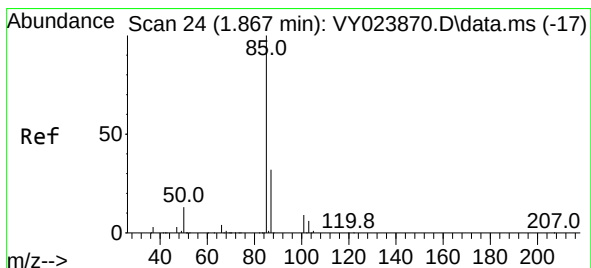
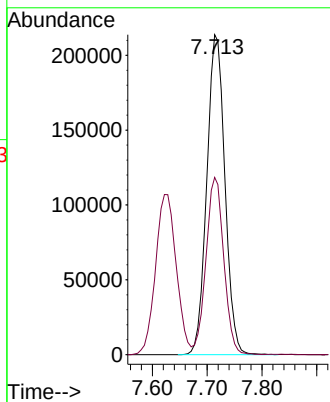
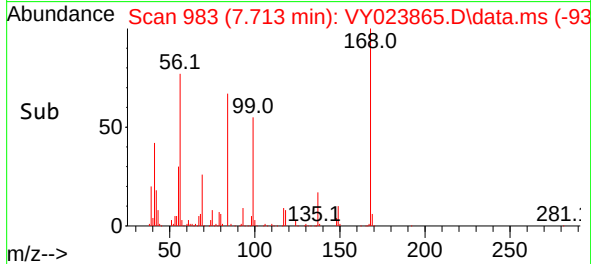
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 491531
Ion Ratio Lower Upper
168 100
99 55.3 42.5 63.7

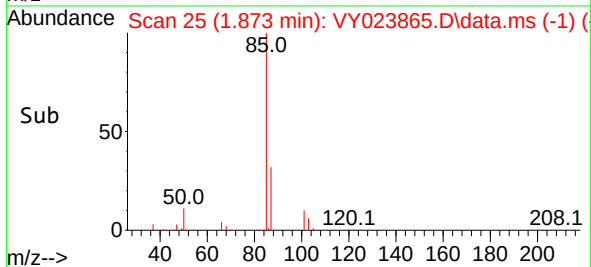
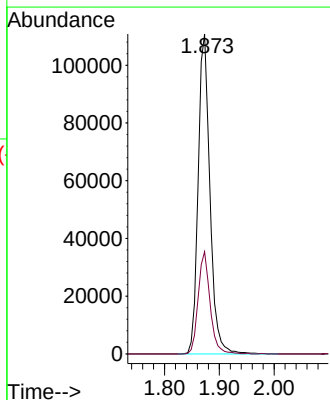
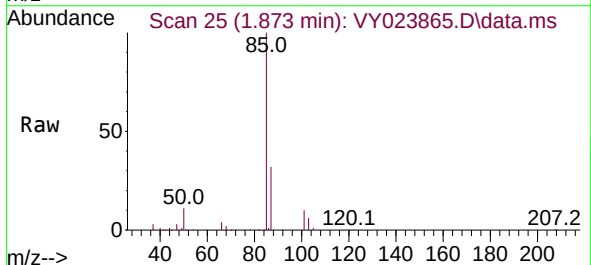
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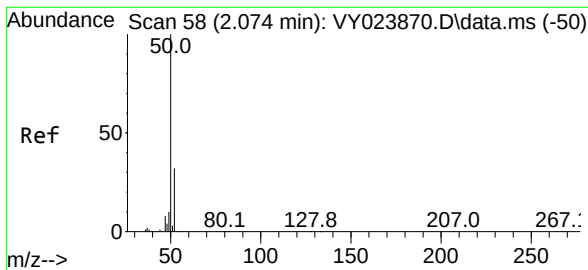
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 46.030 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

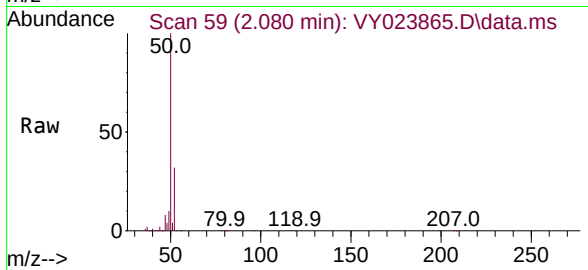
Tgt Ion: 85 Resp: 164784
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.6





#3
Chloromethane
Concen: 44.759 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

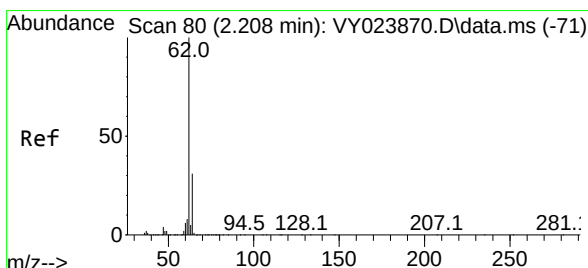
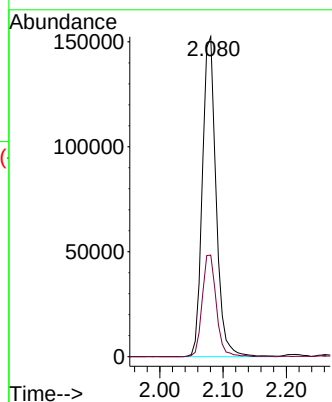
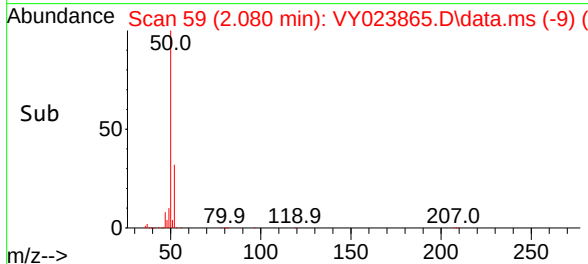
Instrument :
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VSTDCCC050



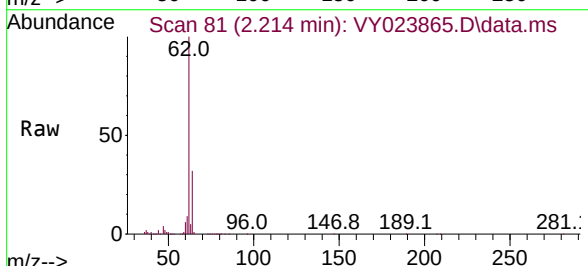
Tgt Ion: 50 Resp: 228512
Ion Ratio Lower Upper
50 100
52 31.8 25.2 37.8

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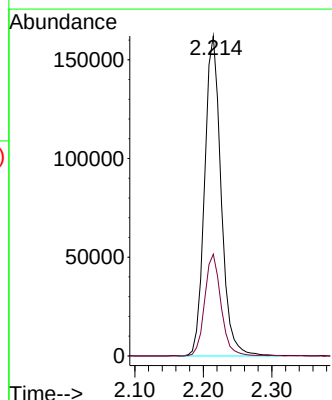
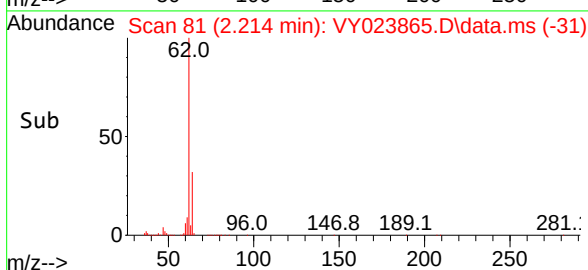
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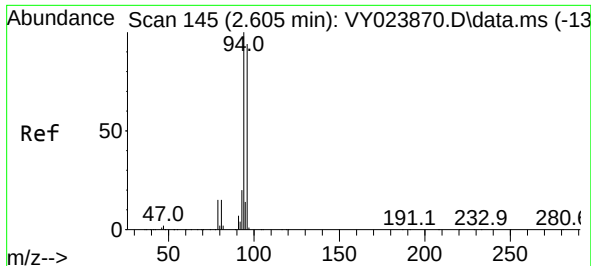


#4
Vinyl Chloride
Concen: 45.860 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



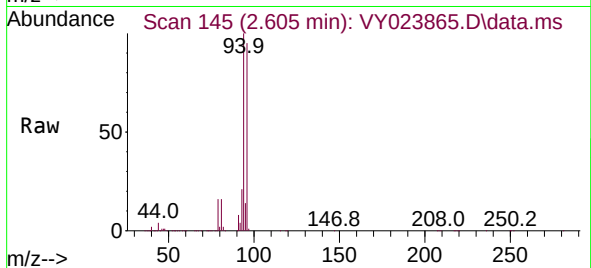
Tgt Ion: 62 Resp: 269963
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 49.254 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

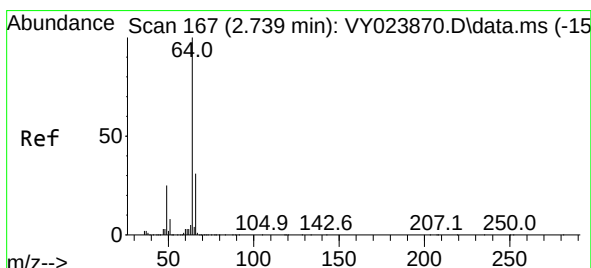
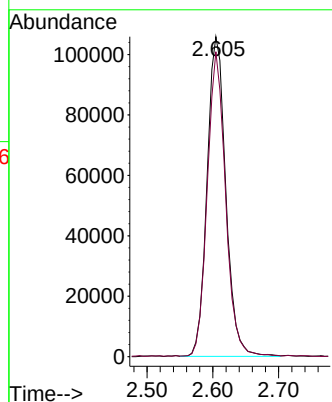
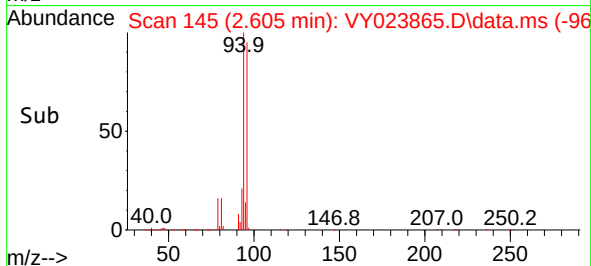
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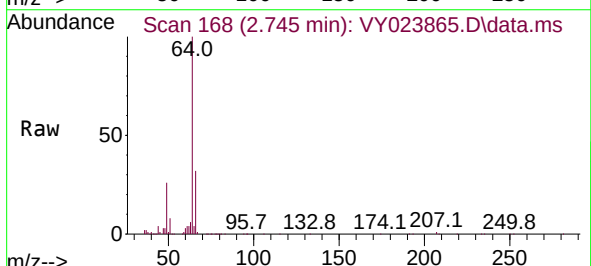
Tgt Ion: 94 Resp: 209532
Ion Ratio Lower Upper
94 100
96 95.2 75.2 112.8

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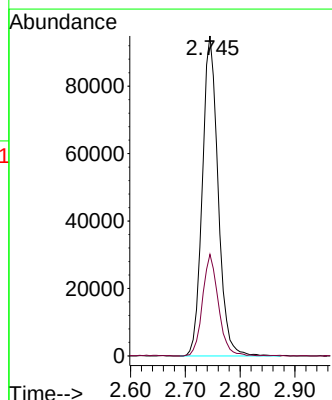
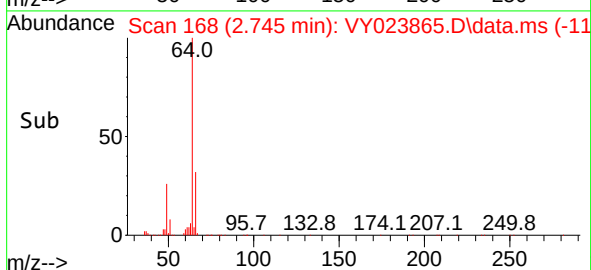
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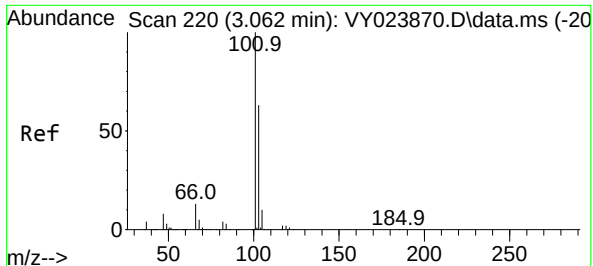


#6
Chloroethane
Concen: 47.877 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023865.D
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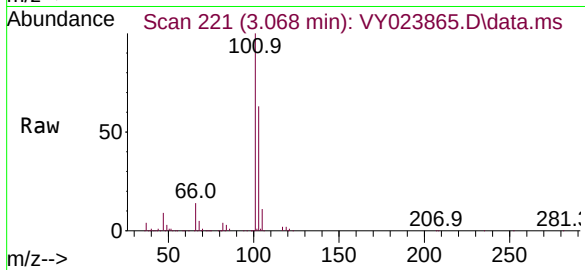
Tgt Ion: 64 Resp: 189442
Ion Ratio Lower Upper
64 100
66 31.7 24.8 37.2





#7
Trichlorofluoromethane
Concen: 49.468 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

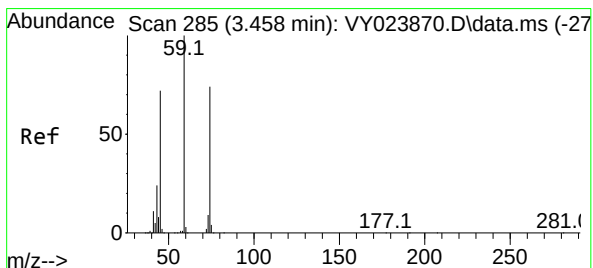
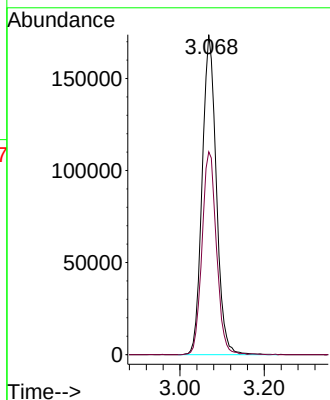
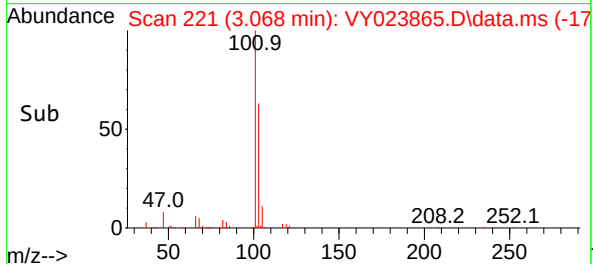
Instrument :
MSVOA_Y
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VSTDCCC050



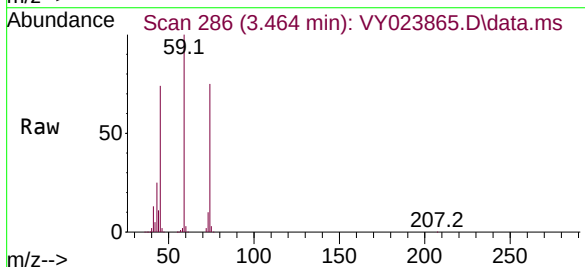
Tgt Ion:101 Resp: 401716
Ion Ratio Lower Upper
101 100
103 63.4 50.2 75.2

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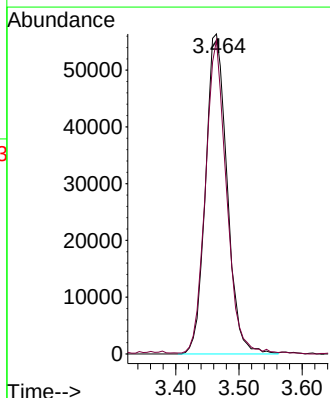
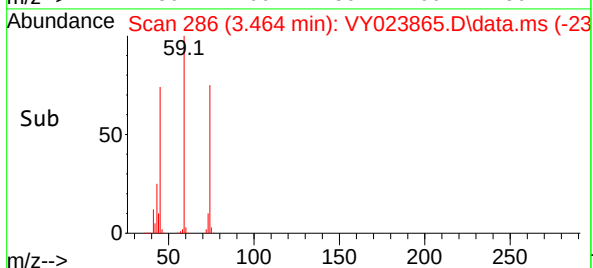
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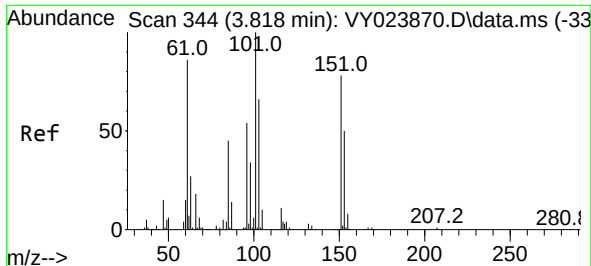


#8
Diethyl Ether
Concen: 54.158 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023865.D
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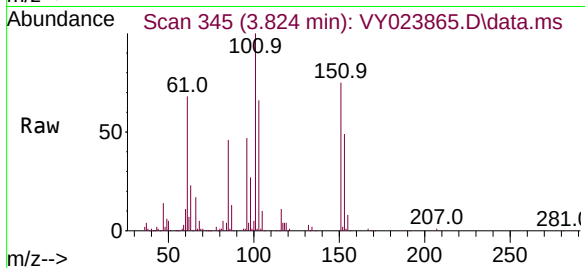
Tgt Ion: 74 Resp: 133081
Ion Ratio Lower Upper
74 100
45 96.5 48.4 145.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.530 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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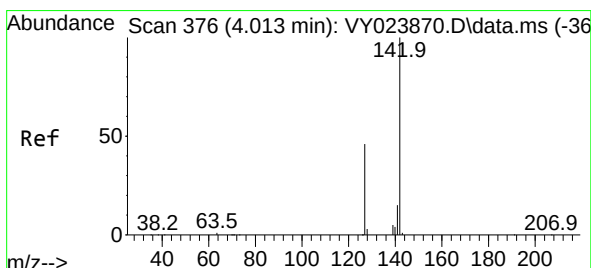
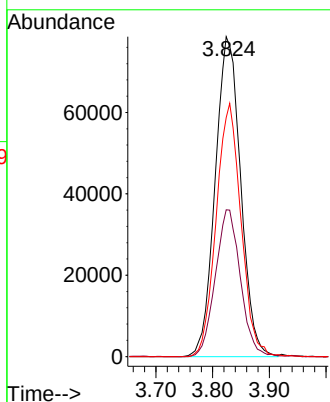
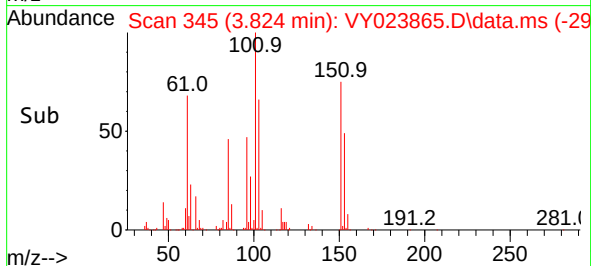
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 245358
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.8
151 77.2 63.4 95.0

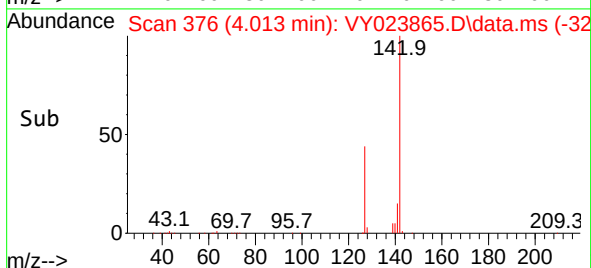
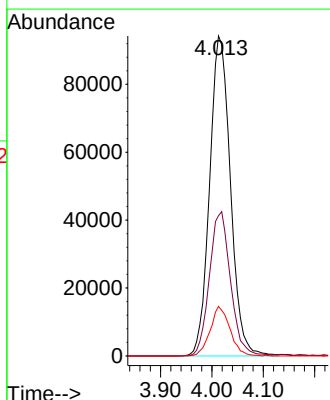
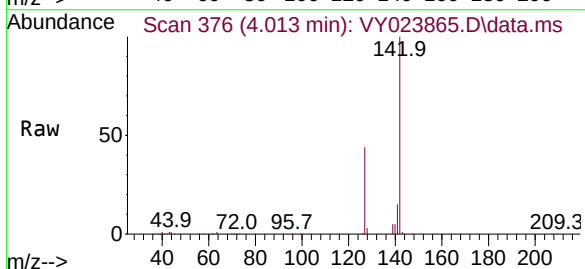
Manual Integrations
APPROVED

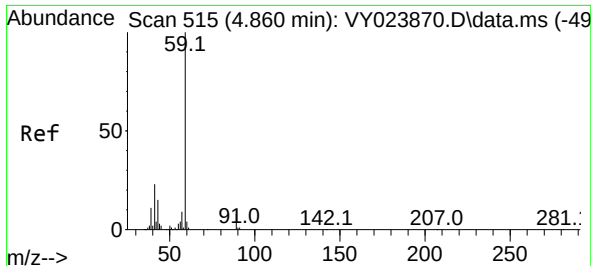
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 53.955 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

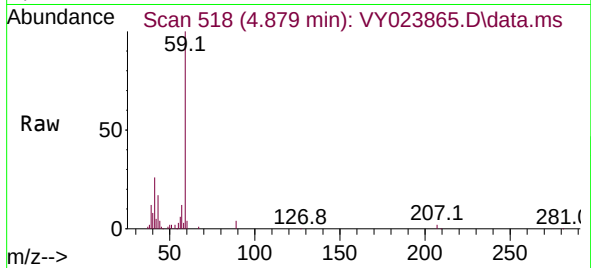
Tgt Ion:142 Resp: 265575
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 280.770 ug/l
RT: 4.879 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

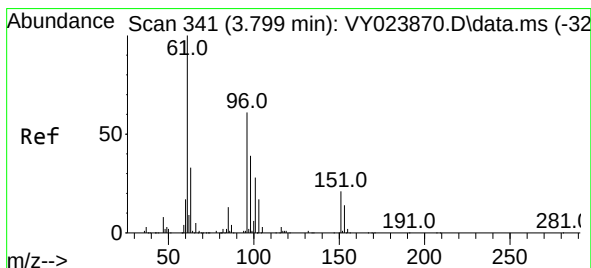
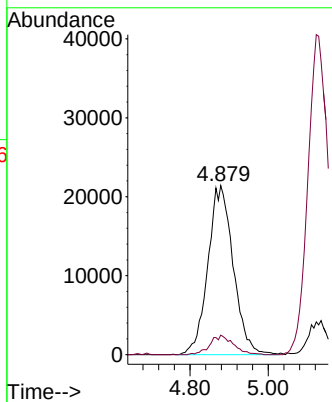
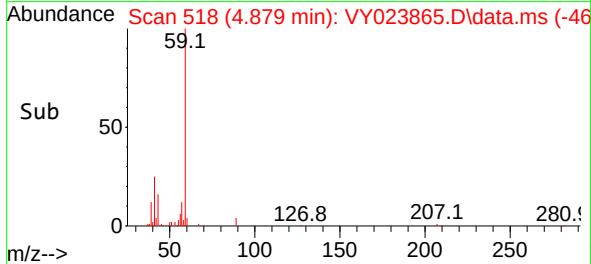
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



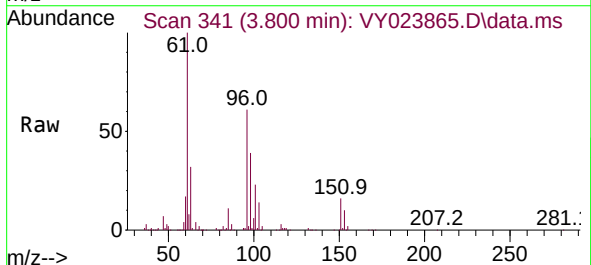
Tgt Ion: 59 Resp: 96323
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5

Manual Integrations
APPROVED

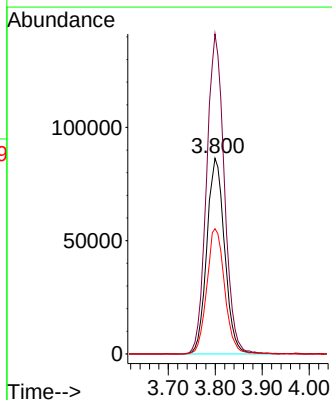
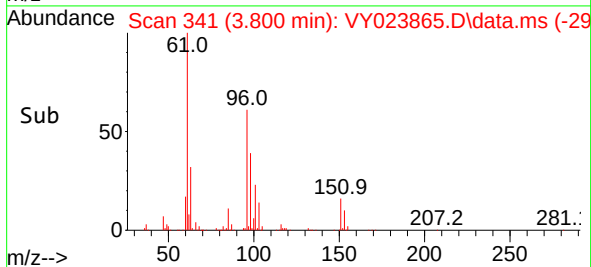
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

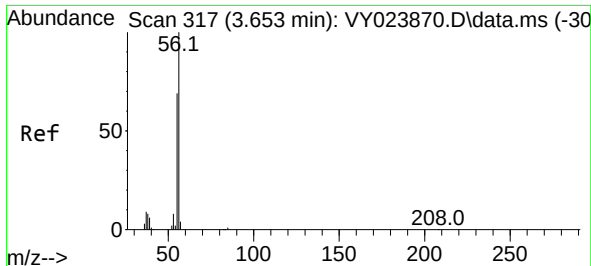


#12
1,1-Dichloroethene
Concen: 49.503 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



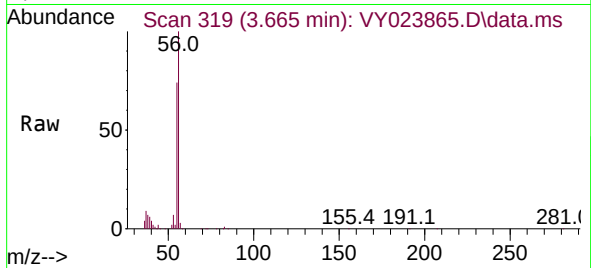
Tgt Ion: 96 Resp: 228089
Ion Ratio Lower Upper
96 100
61 163.6 131.2 196.8
98 64.0 51.3 76.9





#13
Acrolein
Concen: 413.042 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

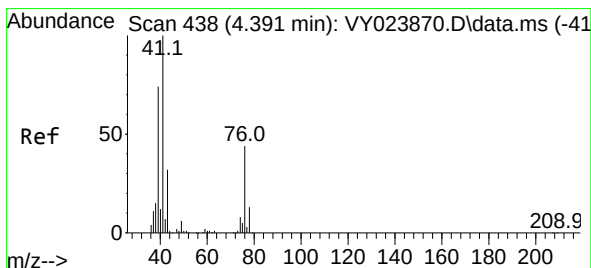
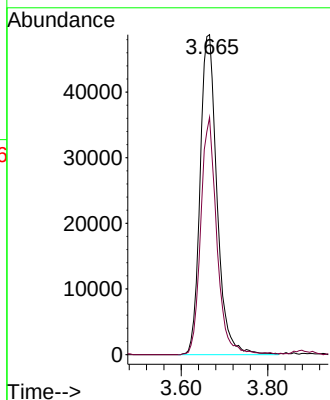
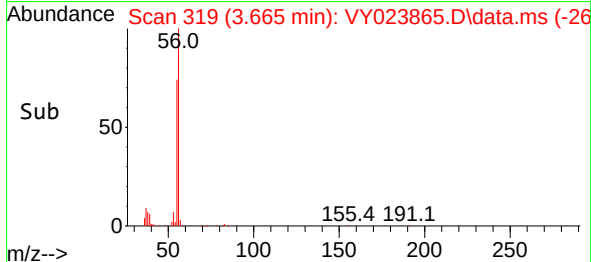
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 131700
Ion Ratio Lower Upper
56 100
55 70.5 59.0 88.6

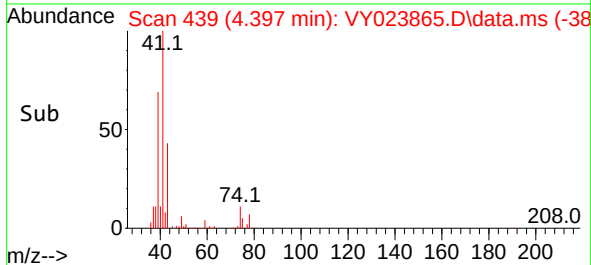
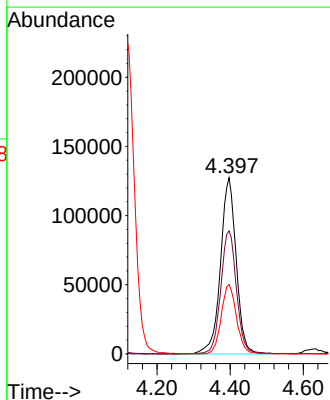
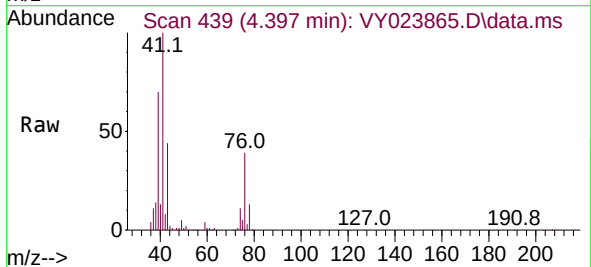
Manual Integrations
APPROVED

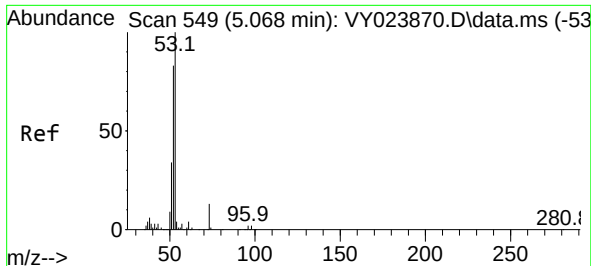
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 51.471 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

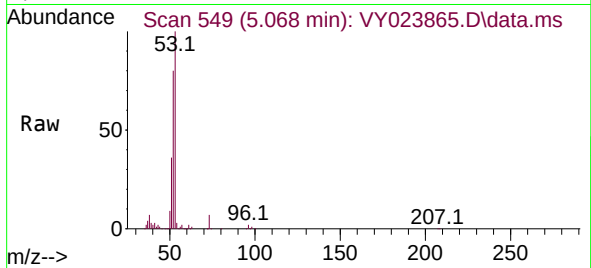
Tgt Ion: 41 Resp: 379293
Ion Ratio Lower Upper
41 100
39 69.5 57.4 86.0
76 38.0 30.8 46.2





#15
Acrylonitrile
Concen: 308.700 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

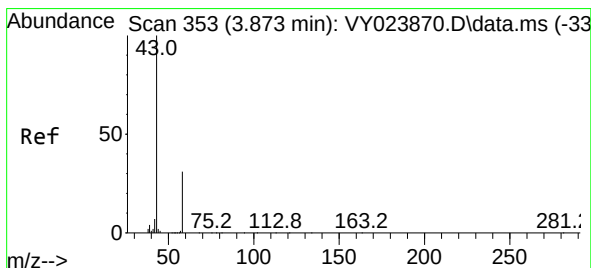
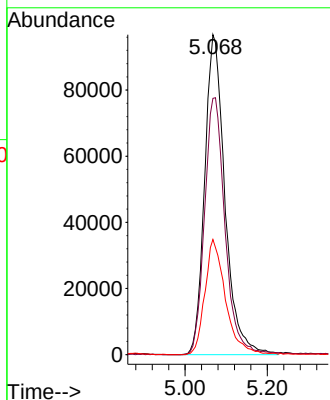
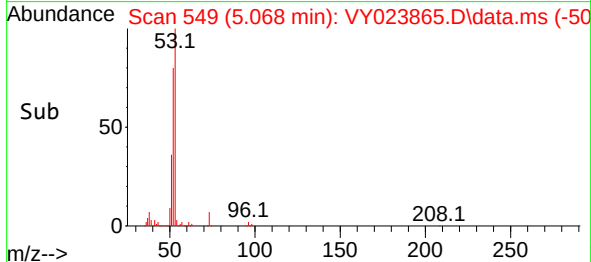
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



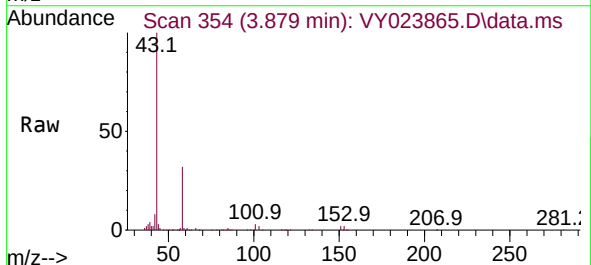
Tgt Ion: 53 Resp: 331206
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.7 29.5 44.3

Manual Integrations
APPROVED

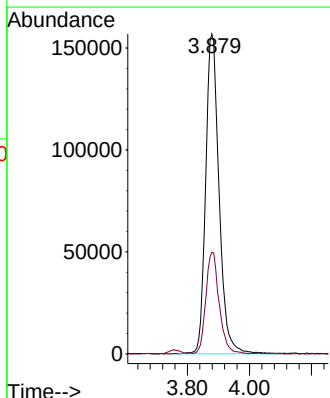
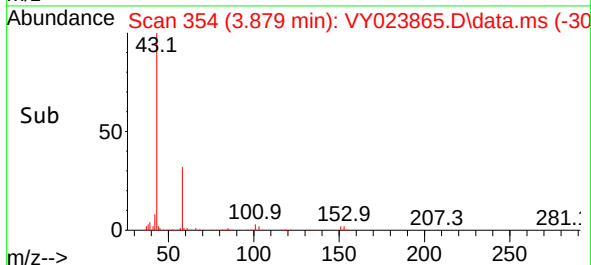
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

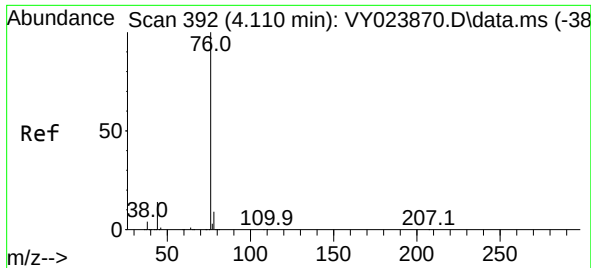


#16
Acetone
Concen: 326.422 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion: 43 Resp: 469548
Ion Ratio Lower Upper
43 100
58 31.7 25.1 37.7





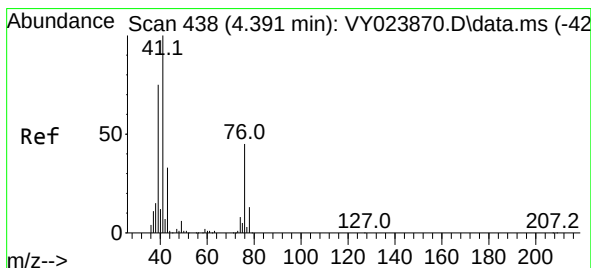
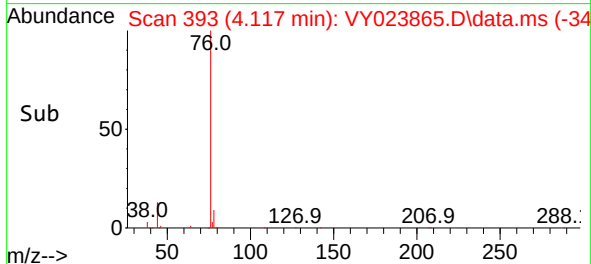
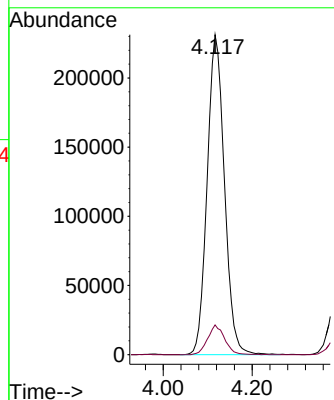
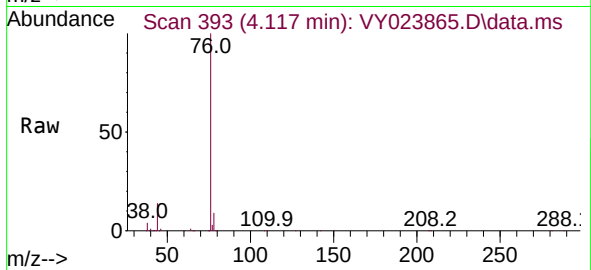
#17
Carbon Disulfide
Concen: 45.603 ug/l
RT: 4.117 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 62154
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

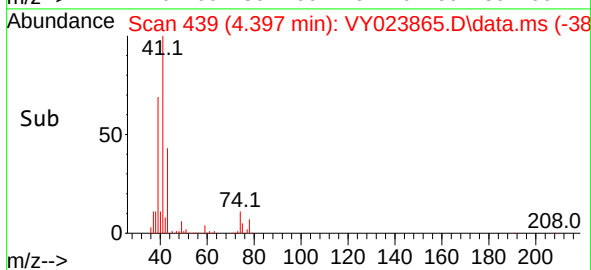
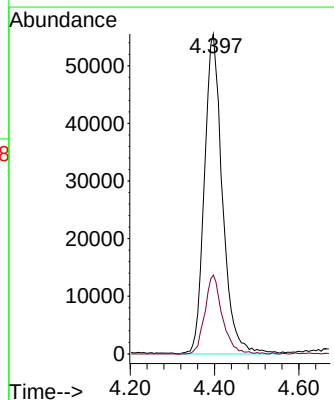
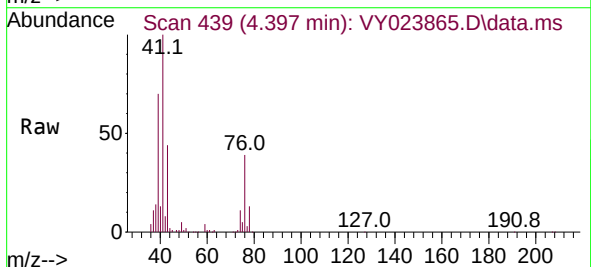
Manual Integrations
APPROVED

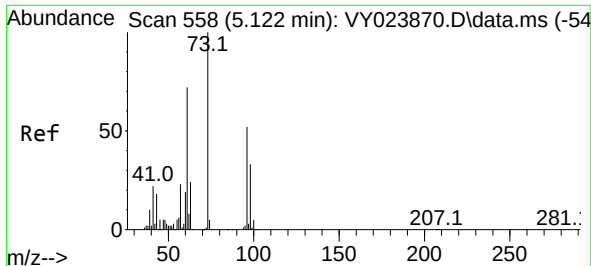
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 67.244 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

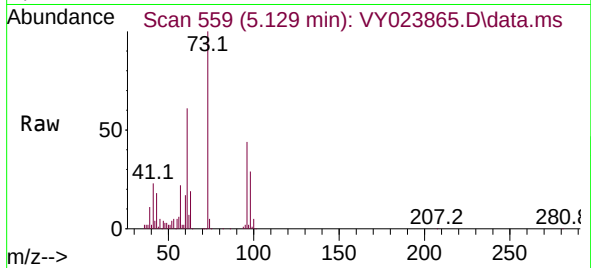
Tgt Ion: 43 Resp: 164417
Ion Ratio Lower Upper
43 100
74 23.7 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 57.188 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

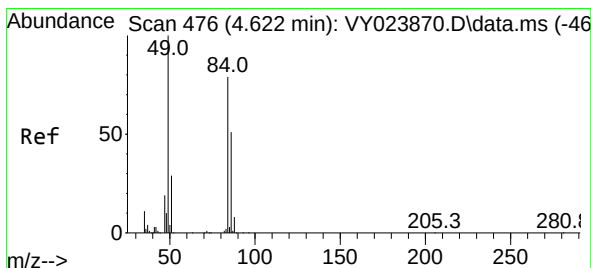
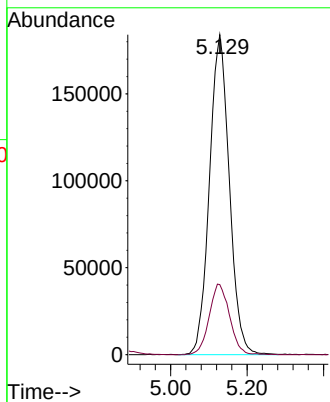
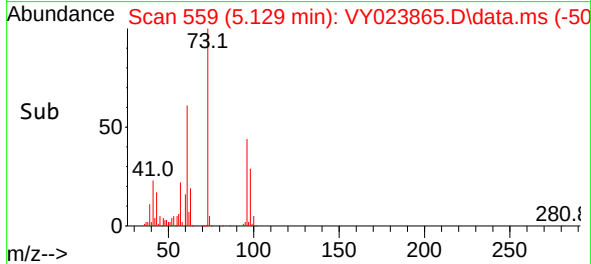
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



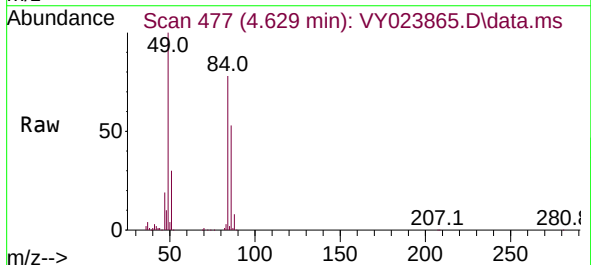
Tgt Ion: 73 Resp: 663484
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2

Manual Integrations
APPROVED

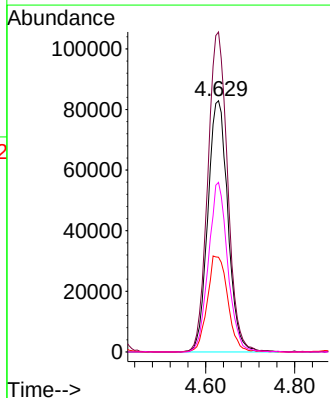
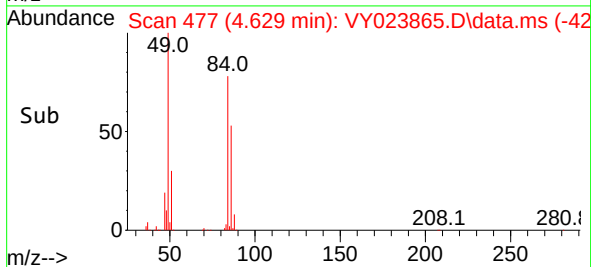
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

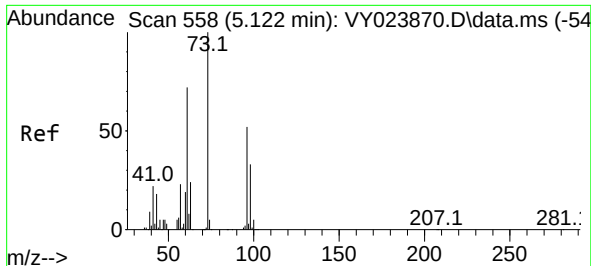


#20
Methylene Chloride
Concen: 45.525 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



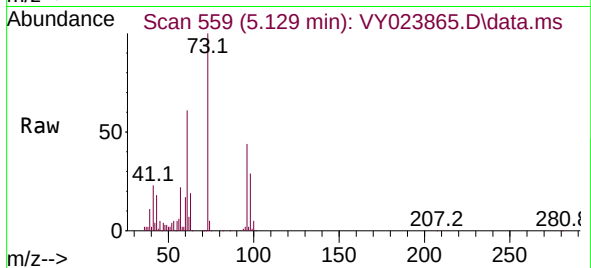
Tgt Ion: 84 Resp: 259572
Ion Ratio Lower Upper
84 100
49 127.3 100.6 151.0
51 37.7 29.0 43.6
86 67.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 50.497 ug/l
RT: 5.129 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

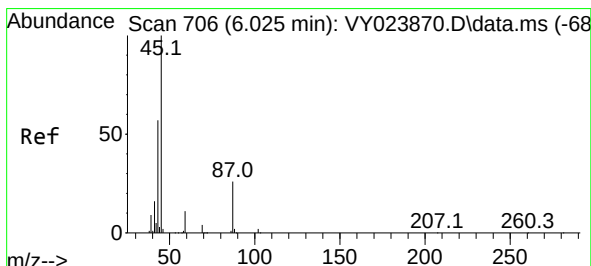
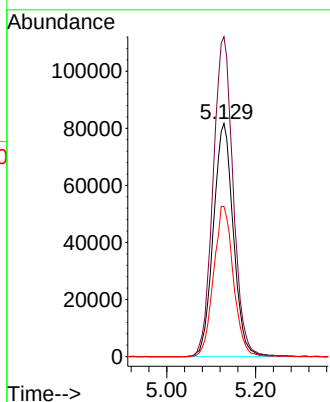
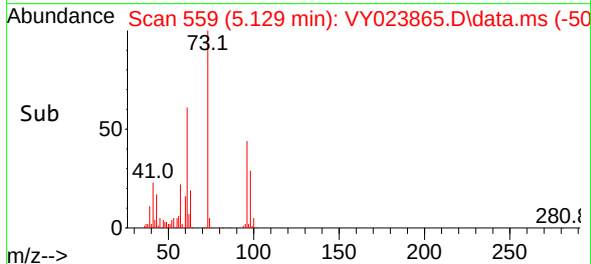
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



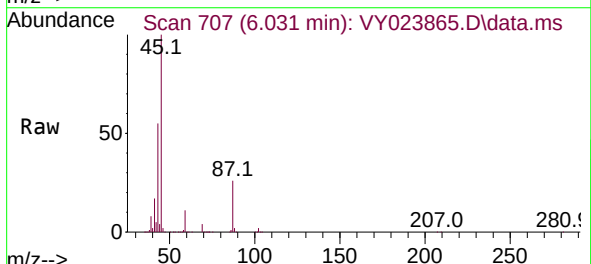
Tgt Ion: 96 Resp: 255317
Ion Ratio Lower Upper
96 100
61 137.2 111.7 167.5
98 64.4 51.5 77.3

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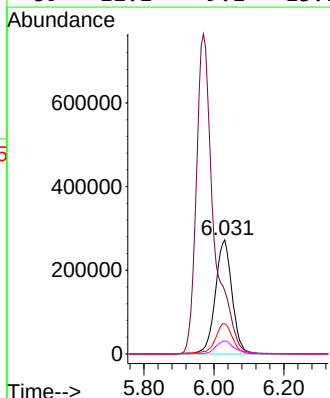
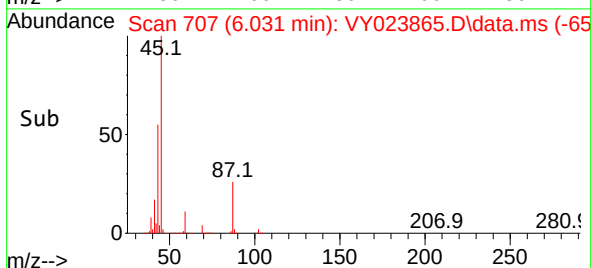
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

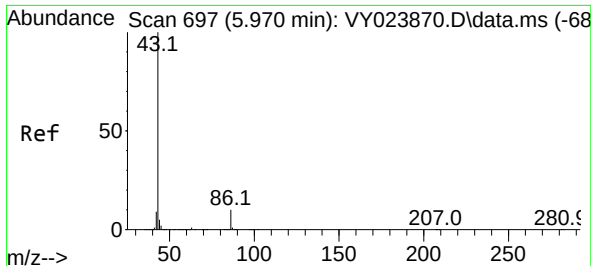


#22
Diisopropyl ether
Concen: 55.585 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



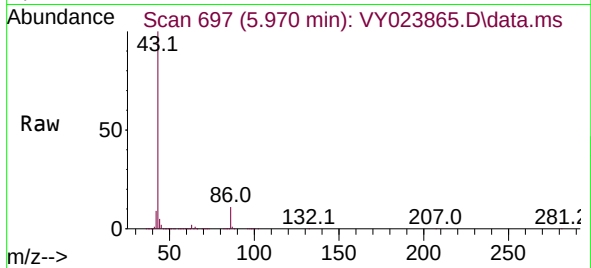
Tgt Ion: 45 Resp: 901585
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 26.4 20.7 31.1
59 11.1 9.1 13.7





#23
 Vinyl Acetate
 Concen: 291.297 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023865.D
 Acq: 03 Dec 2025 08:11

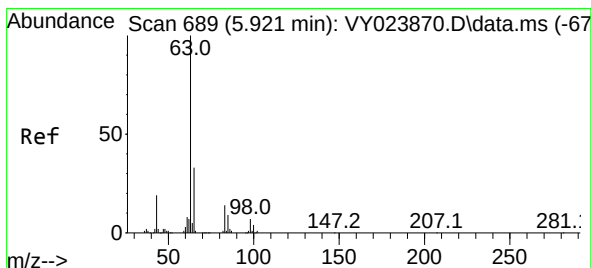
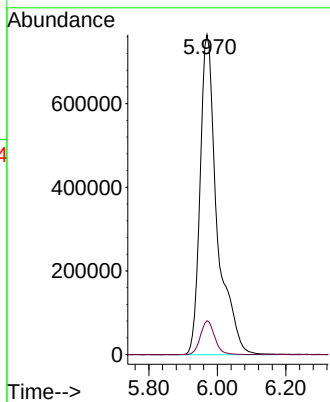
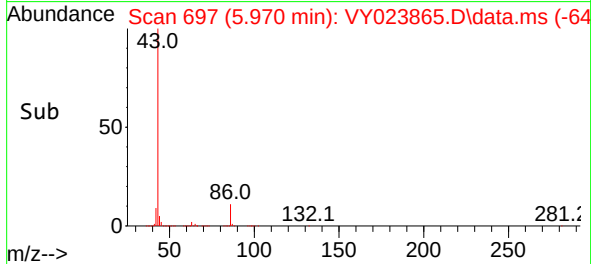
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



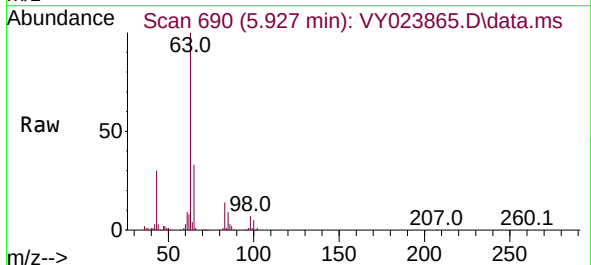
Tgt Ion: 43 Resp: 262723
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.4

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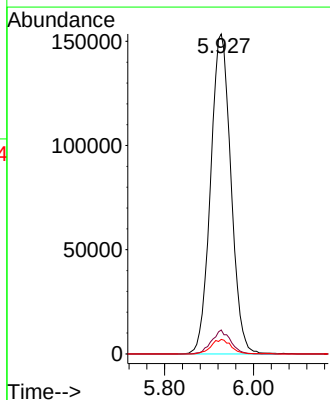
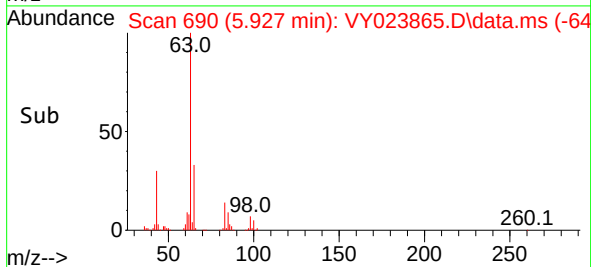
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

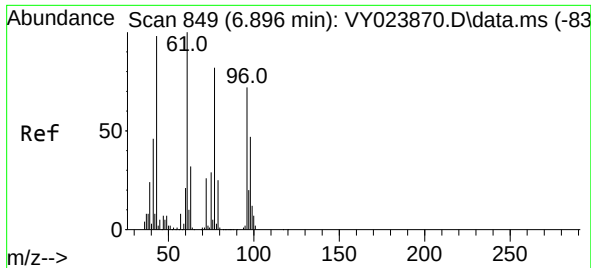


#24
 1,1-Dichloroethane
 Concen: 52.057 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023865.D
 Acq: 03 Dec 2025 08:11



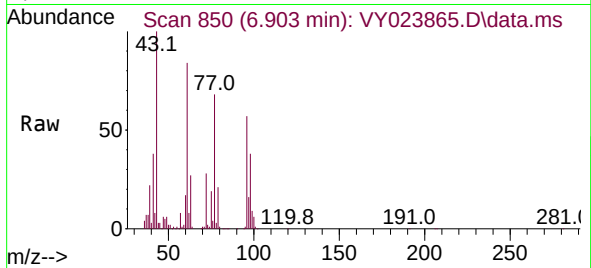
Tgt Ion: 63 Resp: 487711
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.1
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 311.633 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

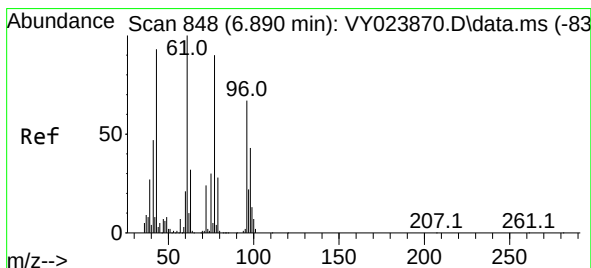
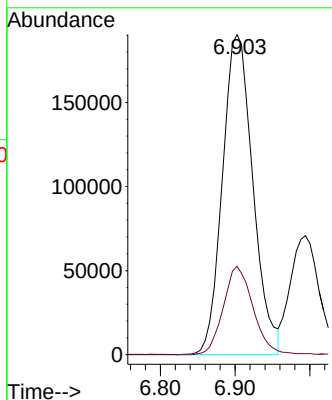
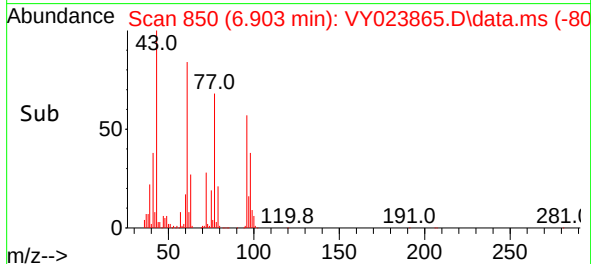
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 540903
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6

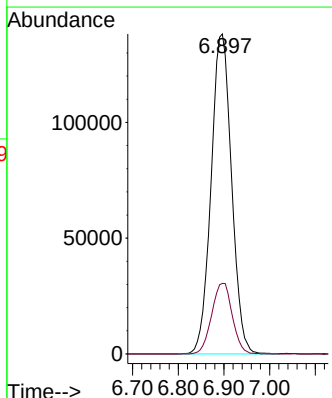
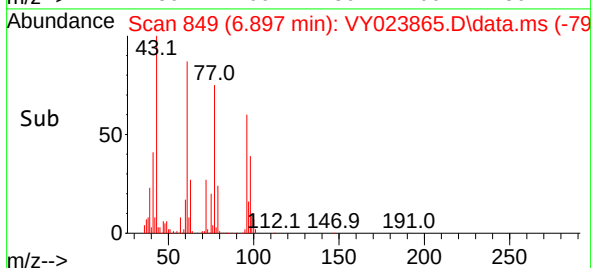
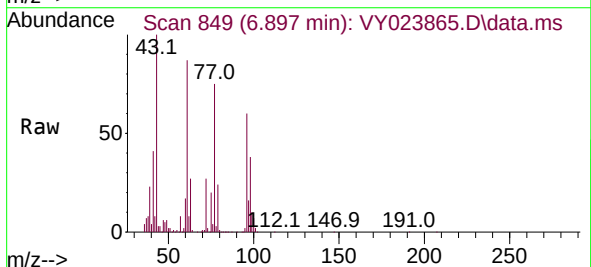
Manual Integrations
APPROVED

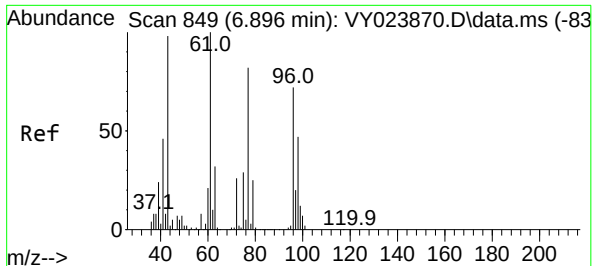
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 51.137 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

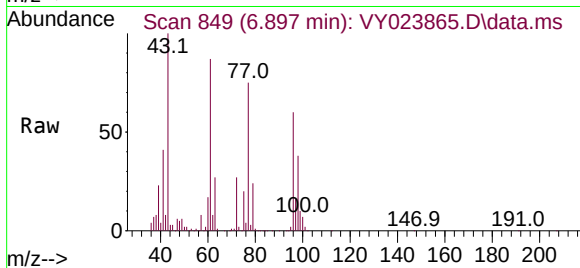
Tgt Ion: 77 Resp: 430406
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 52.063 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

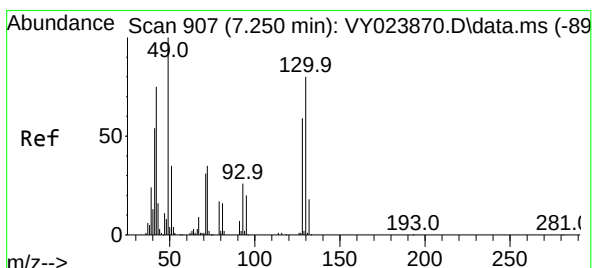
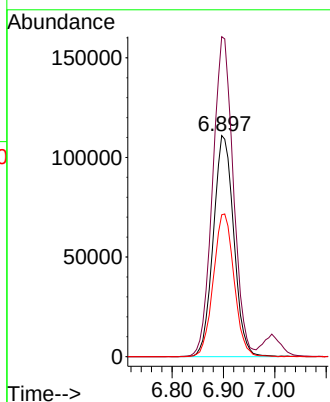
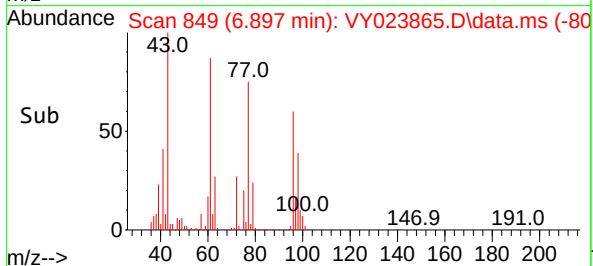
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



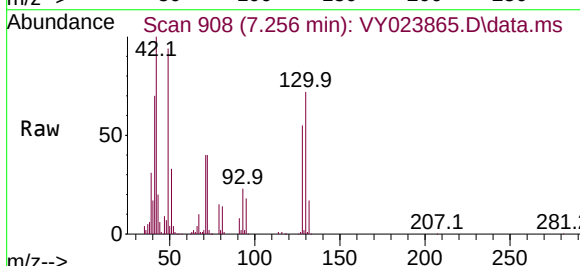
Tgt Ion: 96 Resp: 306931
Ion Ratio Lower Upper
96 100
61 146.5 0.0 292.8
98 65.3 0.0 128.4

Manual Integrations
APPROVED

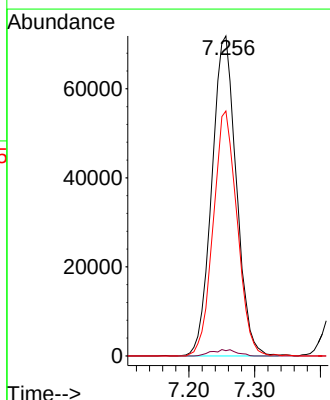
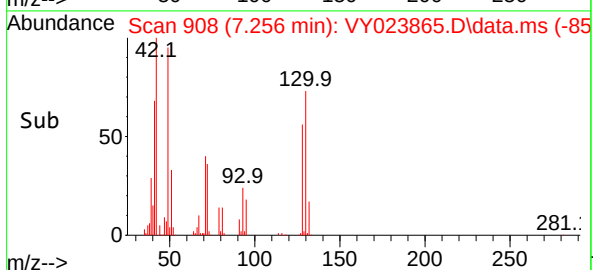
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

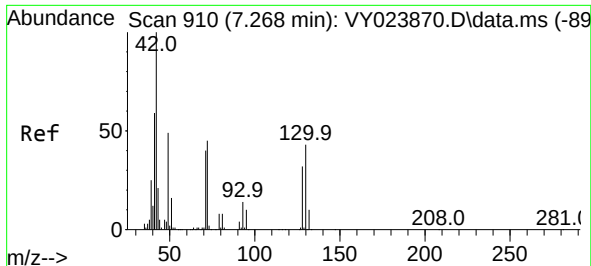


#28
Bromochloromethane
Concen: 52.090 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion: 49 Resp: 185231
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 74.8 61.0 91.6





#29

Tetrahydrofuran

Concen: 322.376 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28948

Ion Ratio Lower Upper

42 100

72 42.7 35.6 53.4

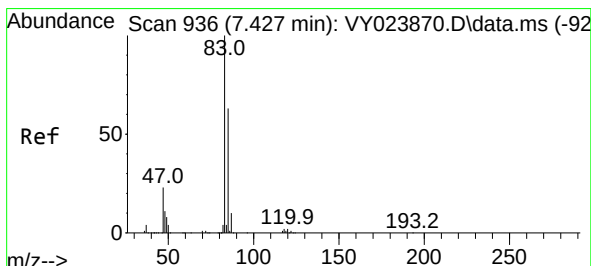
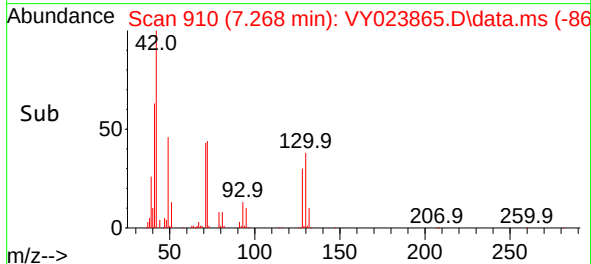
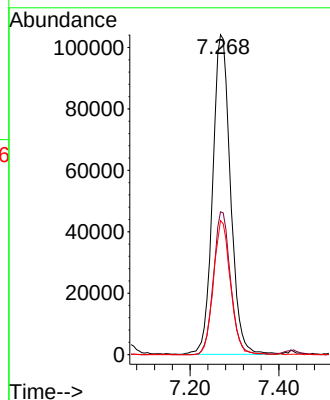
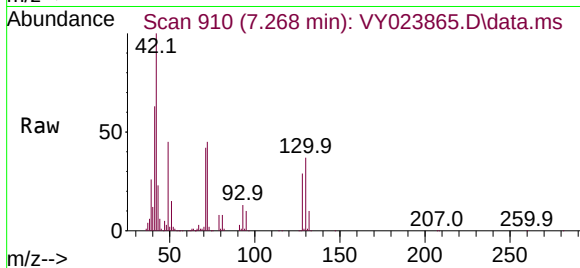
71 40.3 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 52.706 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023865.D

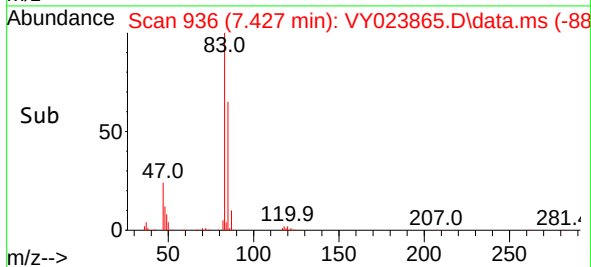
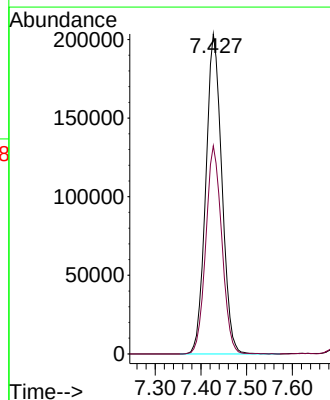
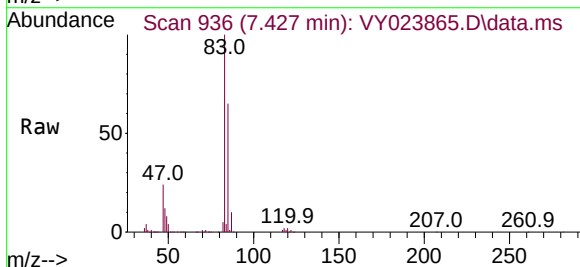
Acq: 03 Dec 2025 08:11

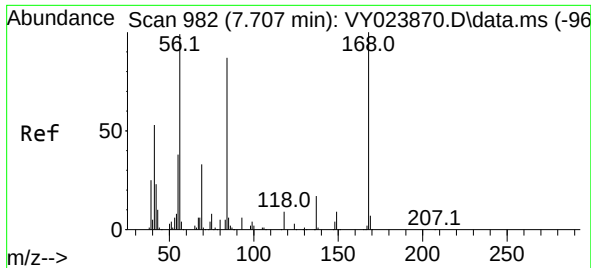
Tgt Ion: 83 Resp: 496266

Ion Ratio Lower Upper

83 100

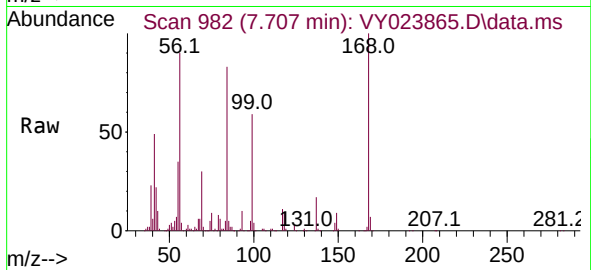
85 65.0 50.6 76.0





#31
Cyclohexane
Concen: 47.596 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

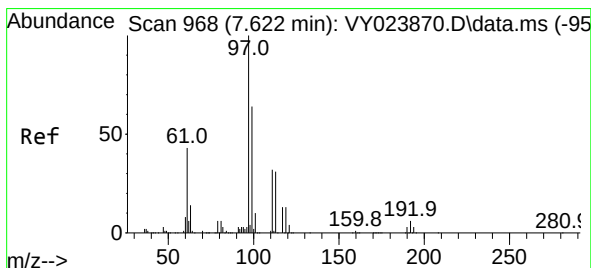
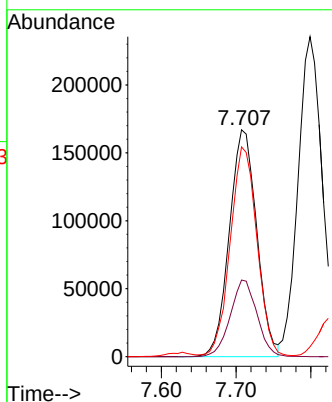
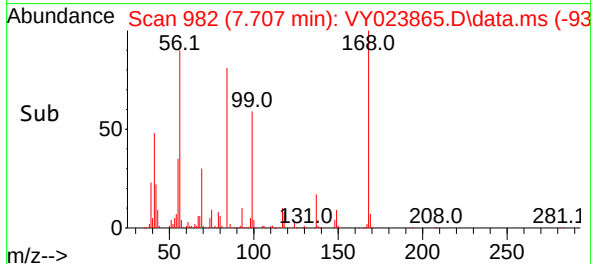
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



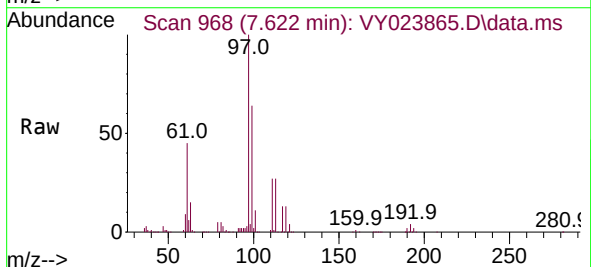
Tgt Ion: 56 Resp: 425281
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 91.1 70.4 105.6

Manual Integrations
APPROVED

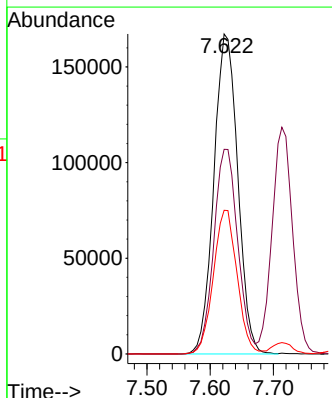
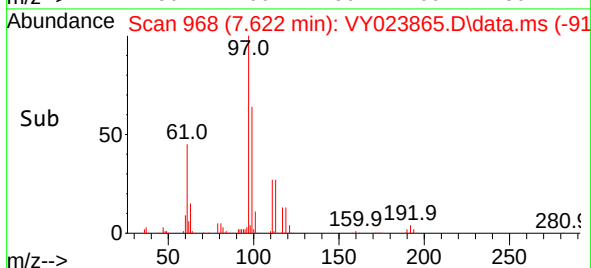
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

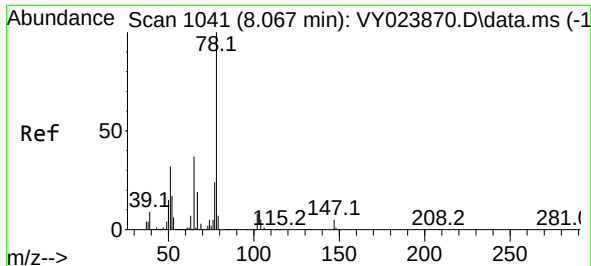


#32
1,1,1-Trichloroethane
Concen: 51.896 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



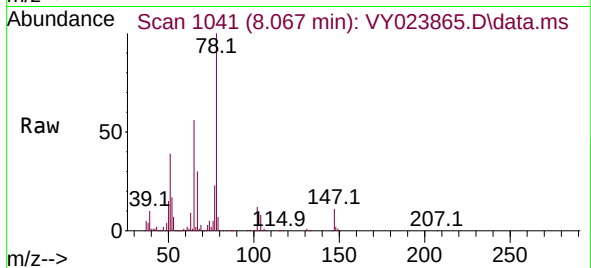
Tgt Ion: 97 Resp: 439606
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 44.4 34.9 52.3





#33
1,2-Dichloroethane-d4
Concen: 47.627 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

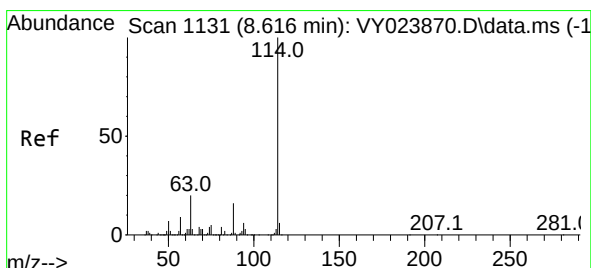
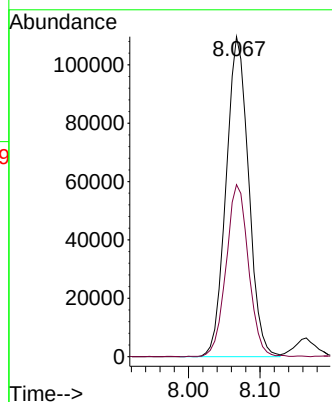
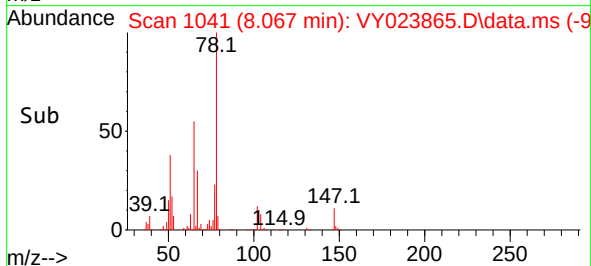
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



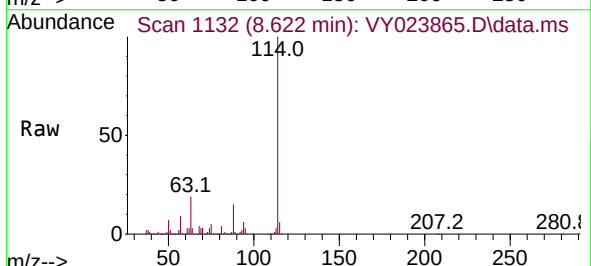
Tgt Ion: 65 Resp: 23957
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

Manual Integrations
APPROVED

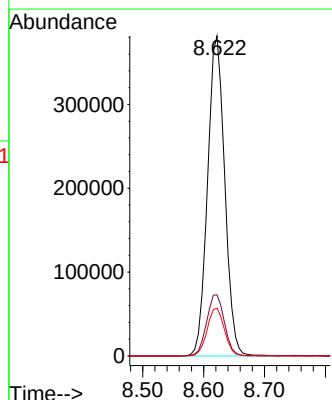
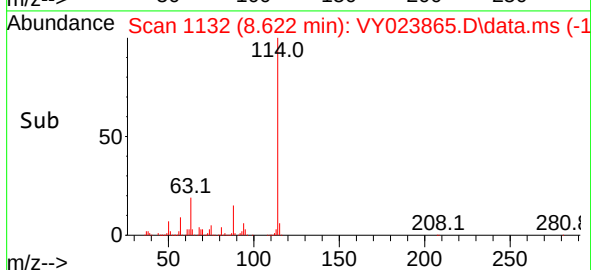
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

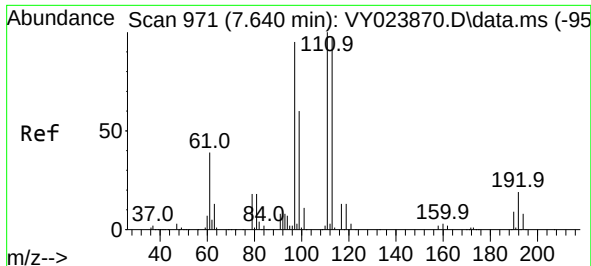


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



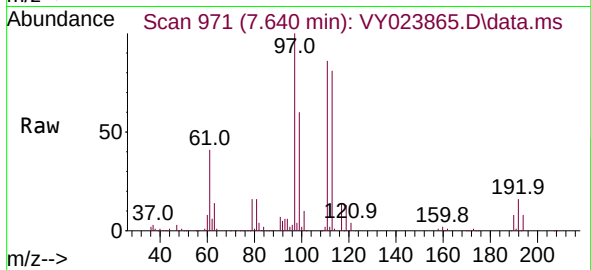
Tgt Ion:114 Resp: 746676
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 14.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

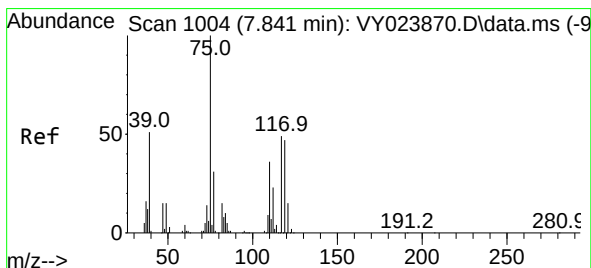
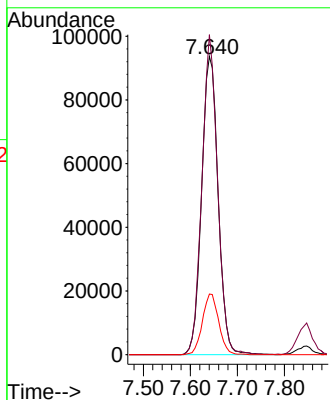
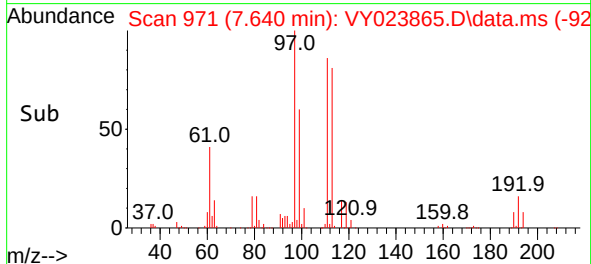
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



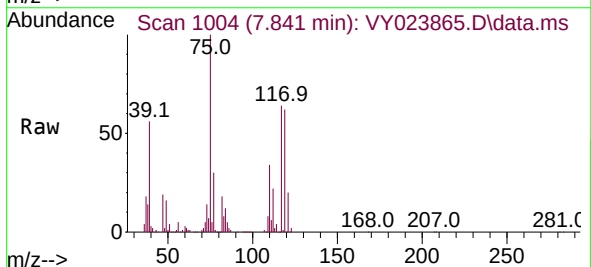
Tgt Ion:113 Resp: 22895
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.0 15.8 23.8

Manual Integrations
APPROVED

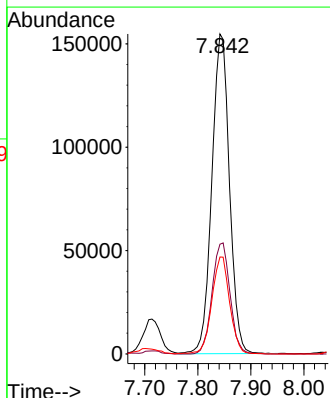
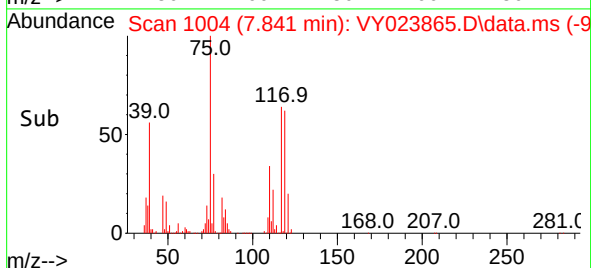
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

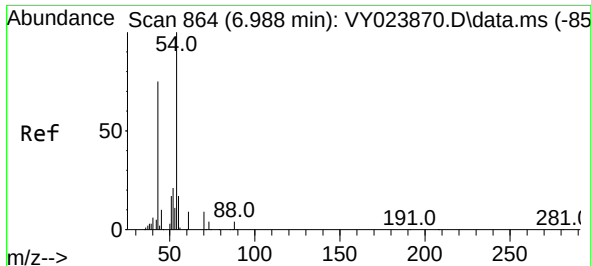


#36
1,1-Dichloropropene
Concen: 52.002 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion: 75 Resp: 356272
Ion Ratio Lower Upper
75 100
110 35.3 17.6 52.9
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 62.229 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY023865.D

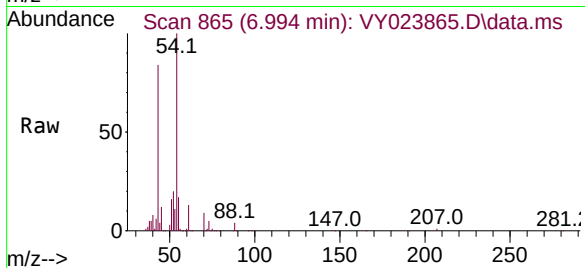
Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



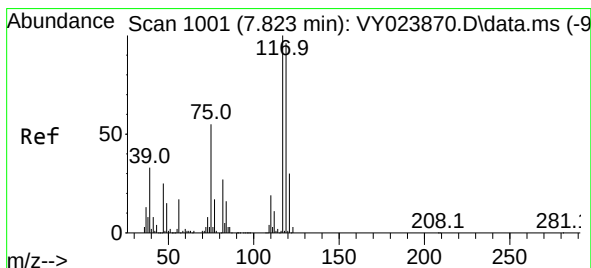
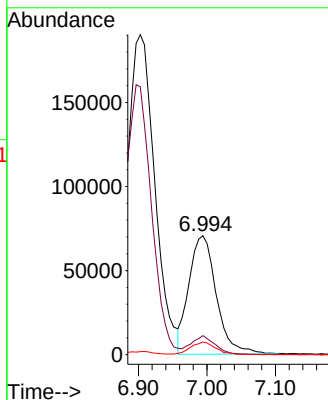
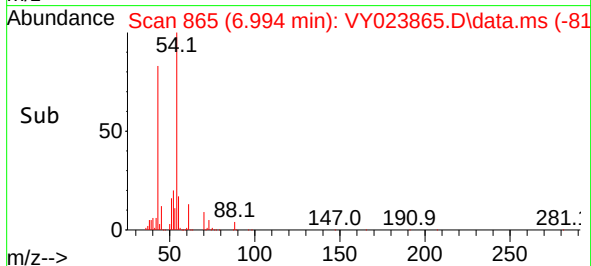
Tgt Ion:	43	Resp:	196119
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	9.8	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 52.715 ug/l

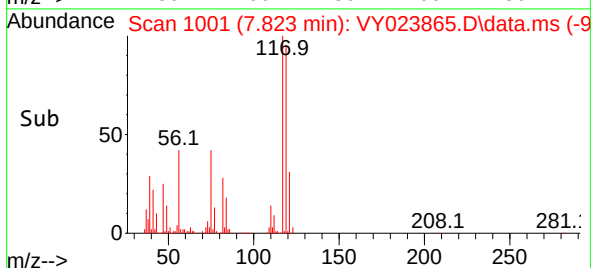
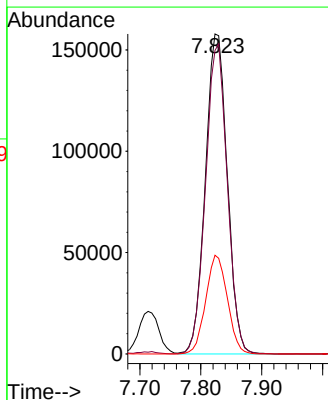
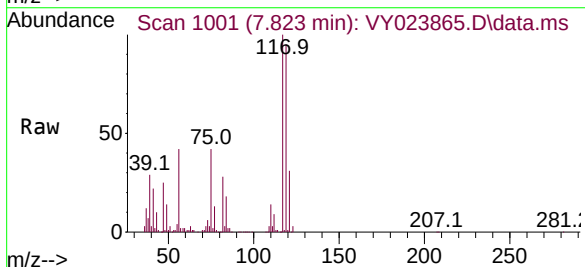
RT: 7.823 min Scan# 1001

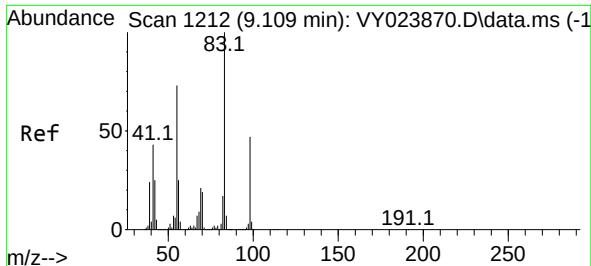
Delta R.T. 0.000 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Tgt Ion:	117	Resp:	395953
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
121	30.8	23.9	35.9





#39

Methylcyclohexane

Concen: 51.124 ug/l

RT: 9.116 min Scan# 1212

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 456276

Ion Ratio Lower Upper

83 100

55 73.6 58.8 88.2

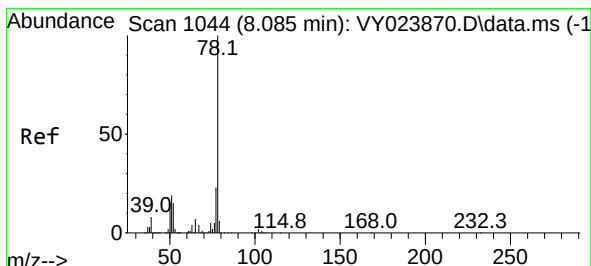
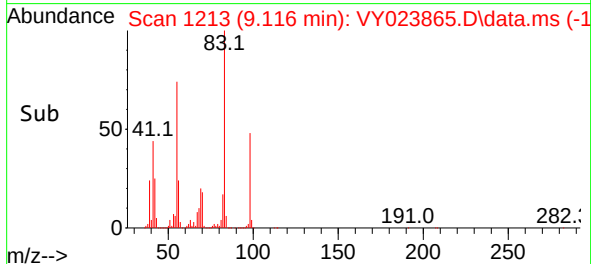
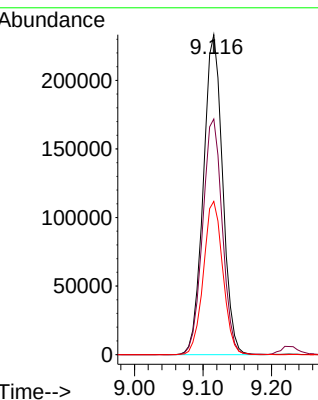
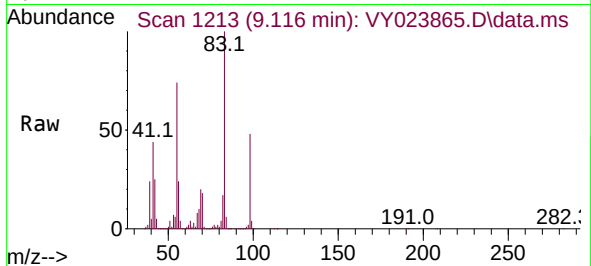
98 47.9 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 52.933 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023865.D

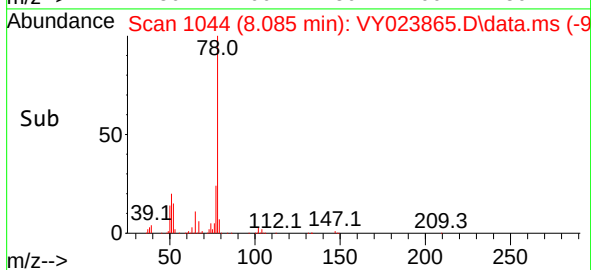
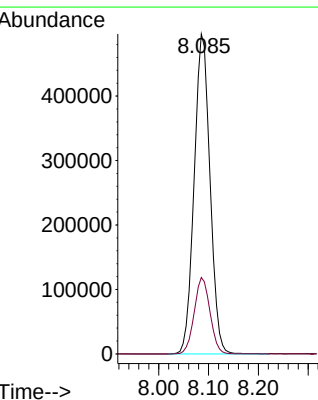
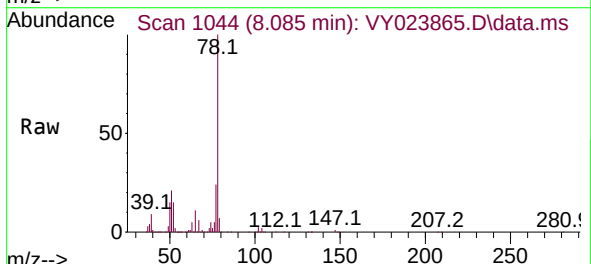
Acq: 03 Dec 2025 08:11

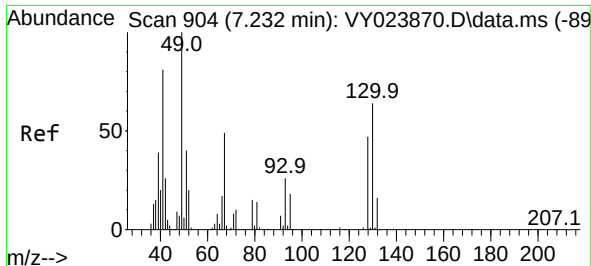
Tgt Ion: 78 Resp: 1095401

Ion Ratio Lower Upper

78 100

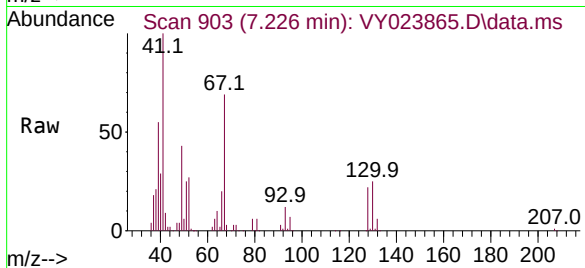
77 23.9 18.6 28.0





#41
Methacrylonitrile
Concen: 69.021 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

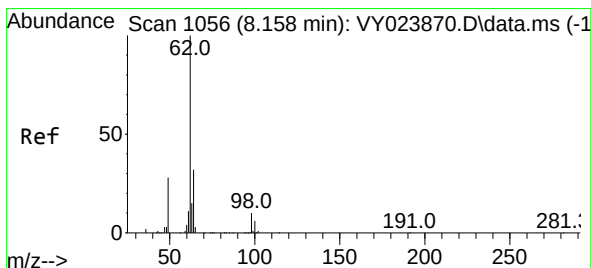
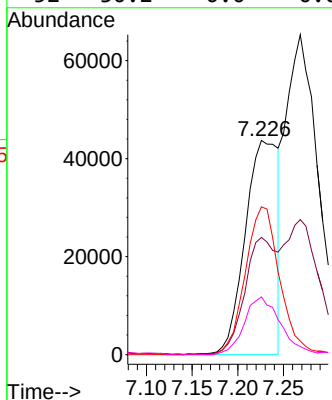
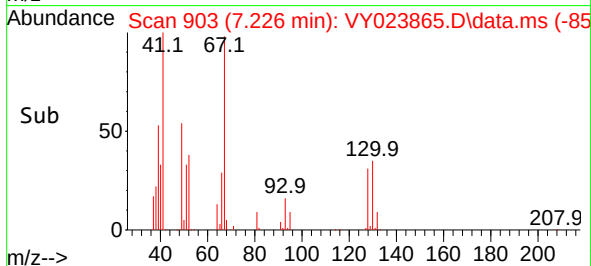
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



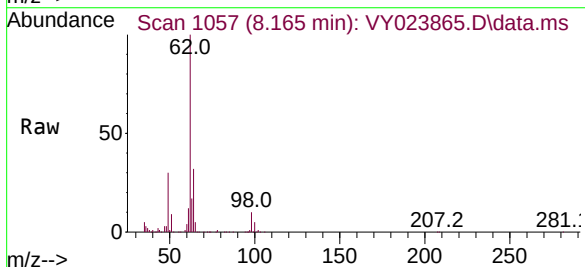
Tgt Ion: 41 Resp: 109756
Ion Ratio Lower Upper
41 100
39 53.4 49.5 74.3
67 71.9 0.0 0.0
52 30.2 0.0 0.0

Manual Integrations
APPROVED

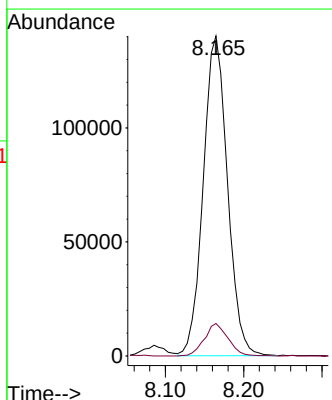
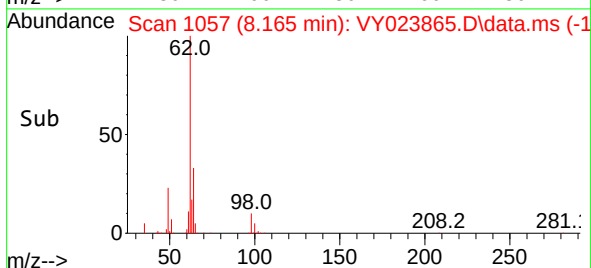
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

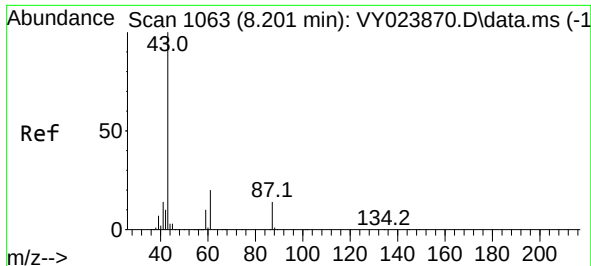


#42
1,2-Dichloroethane
Concen: 55.414 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



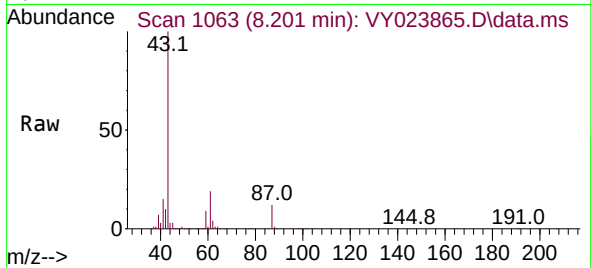
Tgt Ion: 62 Resp: 301800
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





#43
Isopropyl Acetate
Concen: 60.351 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

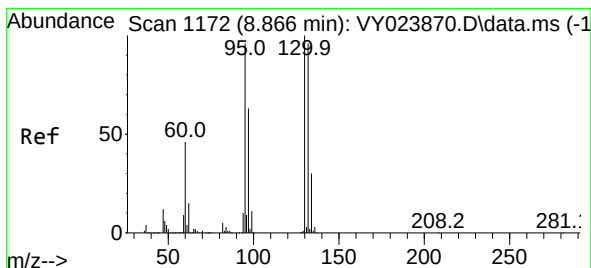
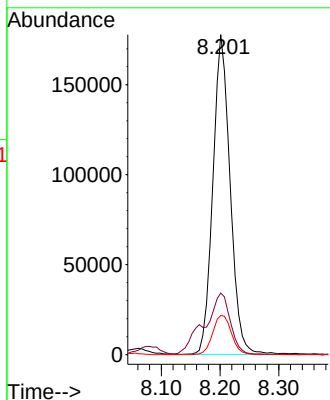
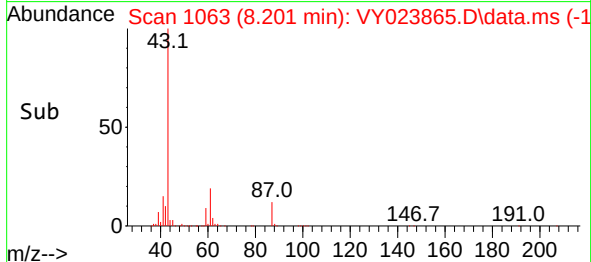
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



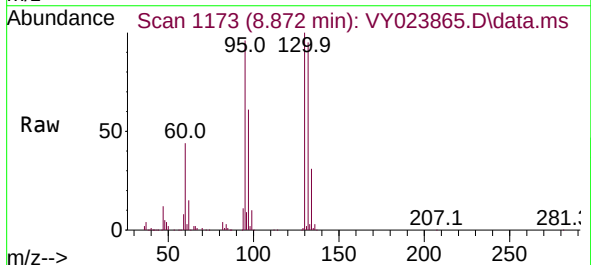
Tgt Ion: 43 Resp: 361349
Ion Ratio Lower Upper
43 100
61 29.0 24.2 36.4
87 13.3 11.0 16.4

Manual Integrations
APPROVED

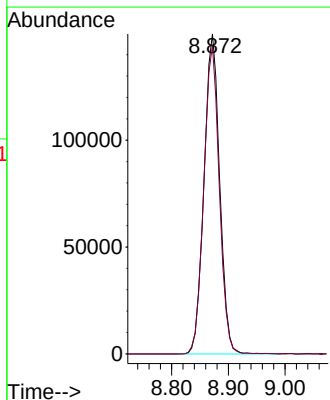
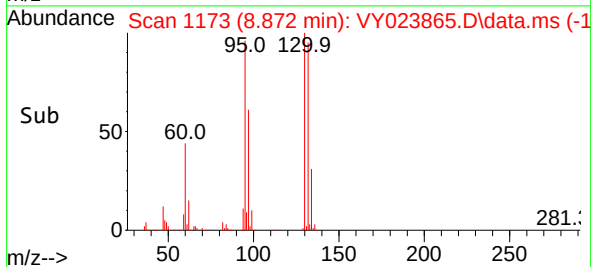
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

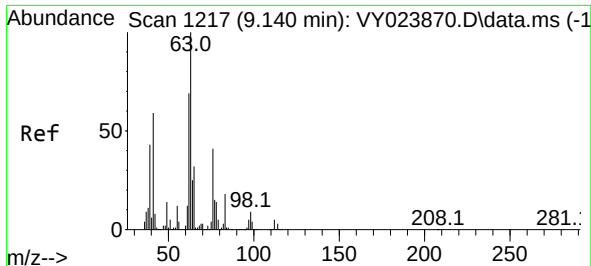


#44
Trichloroethene
Concen: 54.000 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion:130 Resp: 286004
Ion Ratio Lower Upper
130 100
95 96.3 0.0 192.4





#45

1,2-Dichloropropane

Concen: 54.555 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 268514

Ion Ratio Lower Upper

63 100

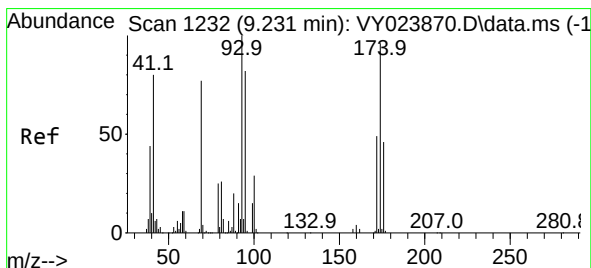
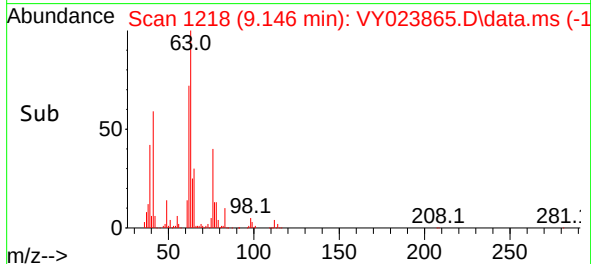
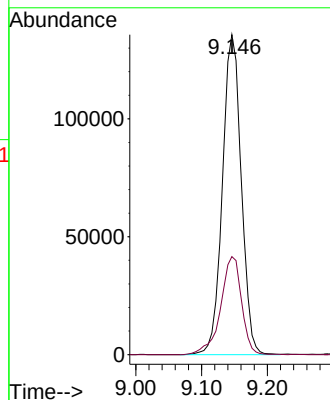
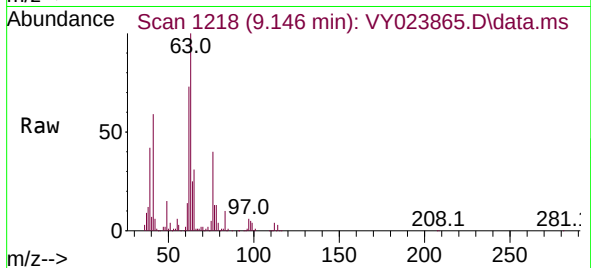
65 30.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 57.400 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

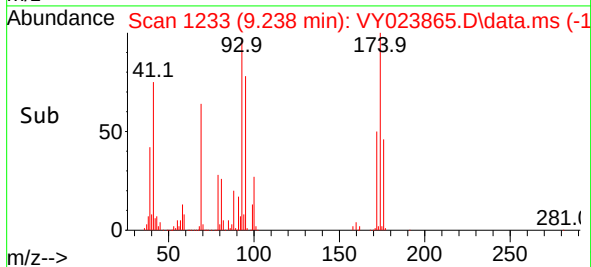
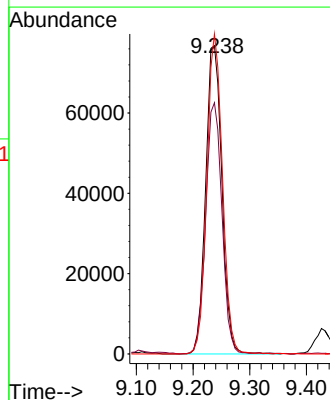
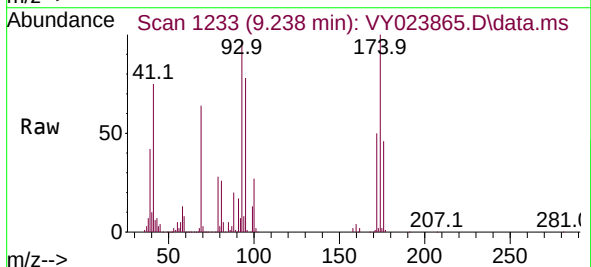
Tgt Ion: 93 Resp: 152628

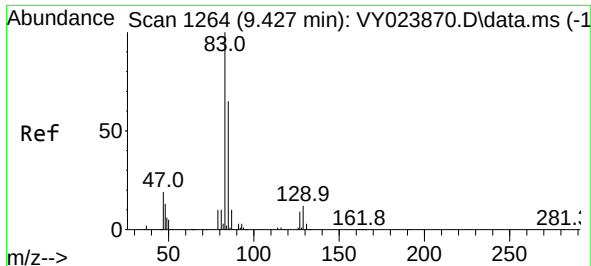
Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

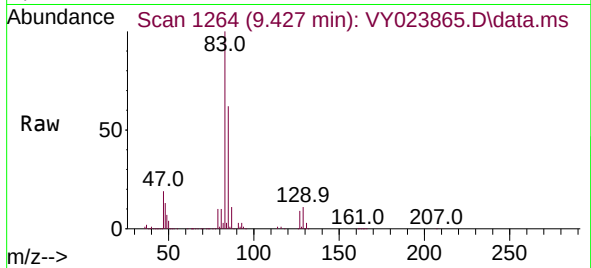
174 99.4 81.4 122.0





#47
Bromodichloromethane
Concen: 55.012 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

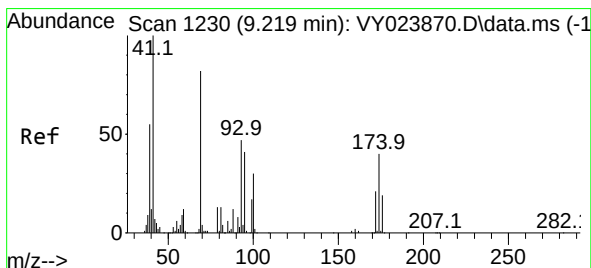
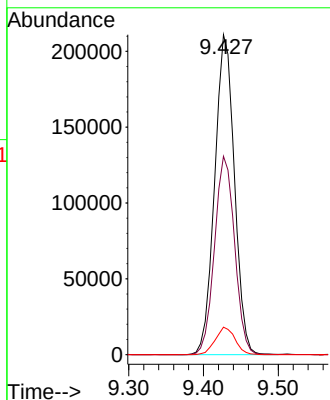
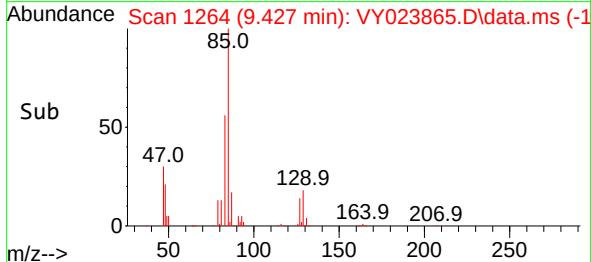
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



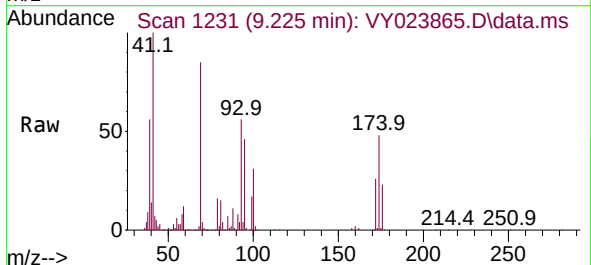
Tgt Ion: 83 Resp: 387430
Ion Ratio Lower Upper
83 100
85 62.0 51.6 77.4
127 8.6 7.2 10.8

Manual Integrations
APPROVED

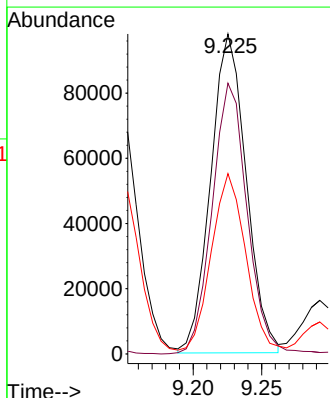
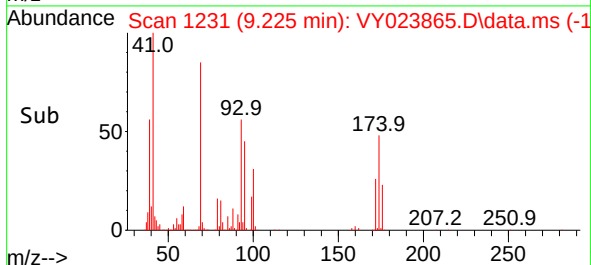
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

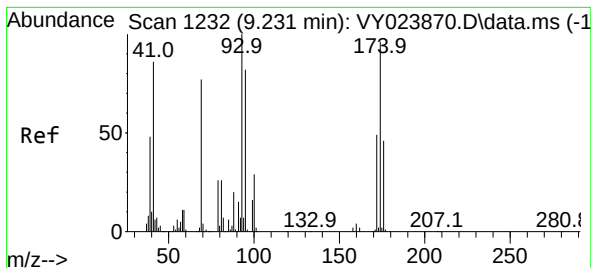


#48
Methyl methacrylate
Concen: 62.770 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion: 41 Resp: 176516
Ion Ratio Lower Upper
41 100
69 84.4 67.7 101.5
39 53.4 43.4 65.0





#49

1,4-Dioxane

Concen: 1303.138 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 37973

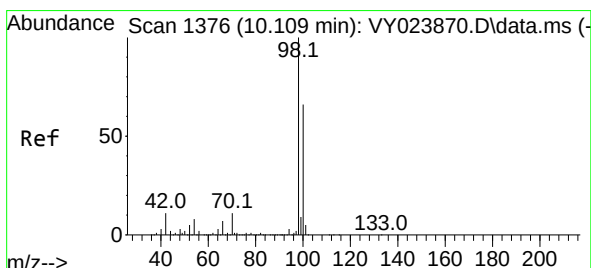
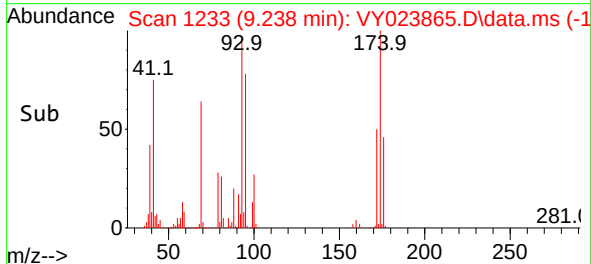
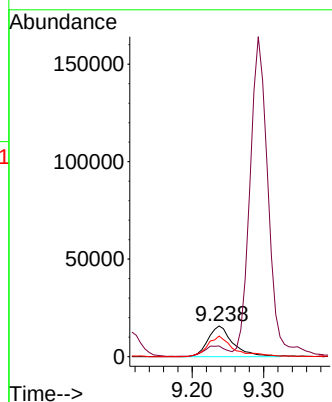
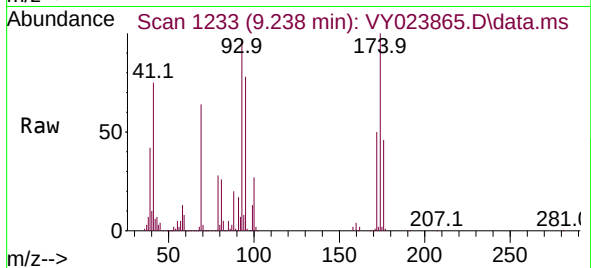
Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.8	40.2
58	70.9	52.4	78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 47.138 ug/l

RT: 10.109 min Scan# 1376

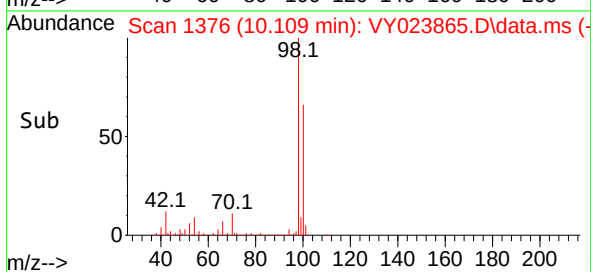
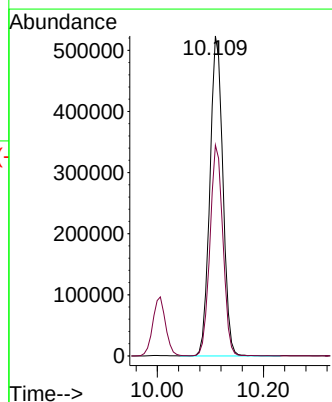
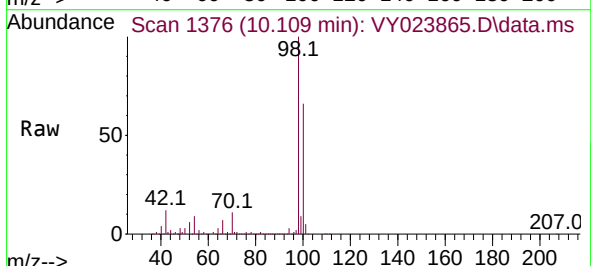
Delta R.T. 0.000 min

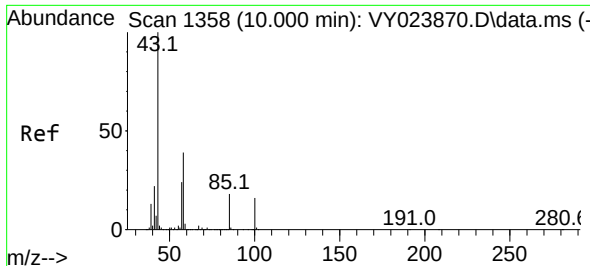
Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Tgt Ion: 98 Resp: 887731

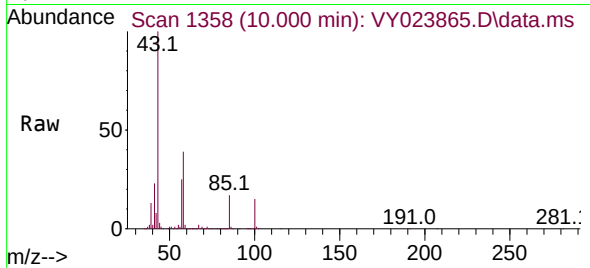
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 330.134 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

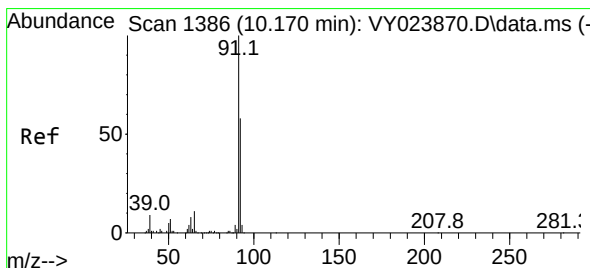
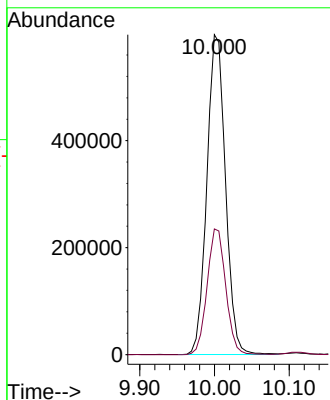
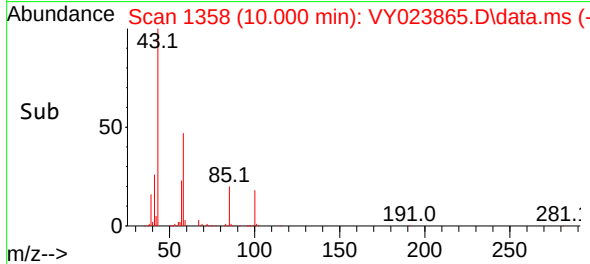
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



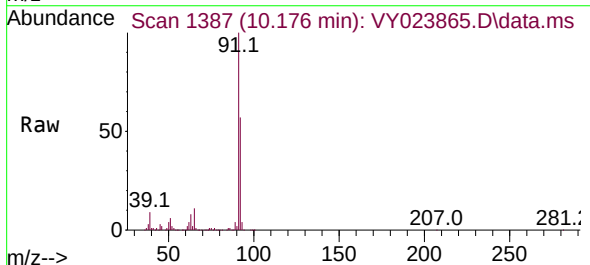
Tgt Ion: 43 Resp: 1034320
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.8

Manual Integrations
APPROVED

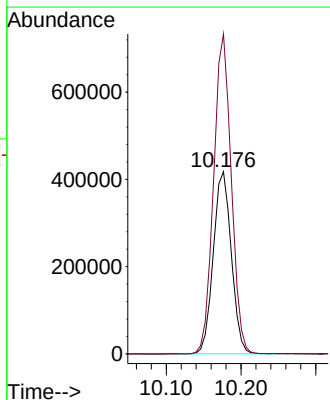
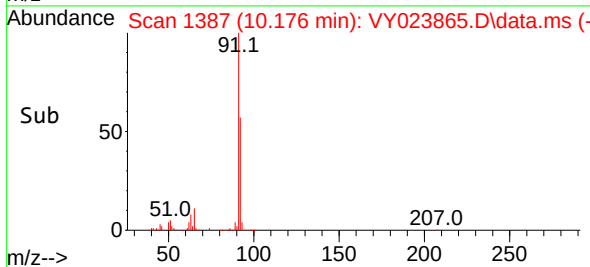
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

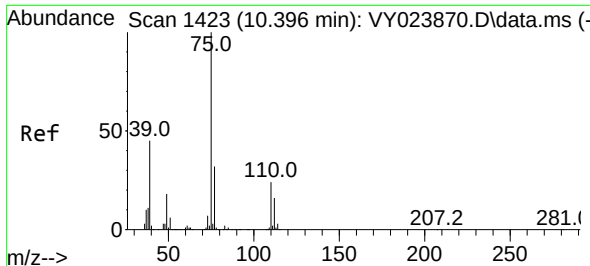


#52
Toluene
Concen: 53.886 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



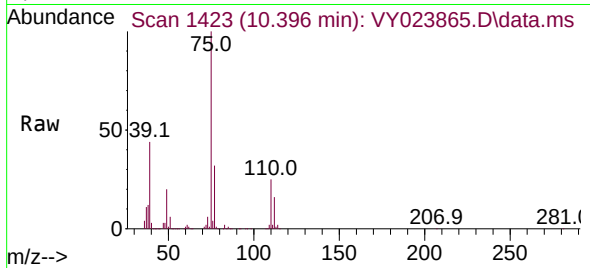
Tgt Ion: 92 Resp: 699201
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 57.319 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

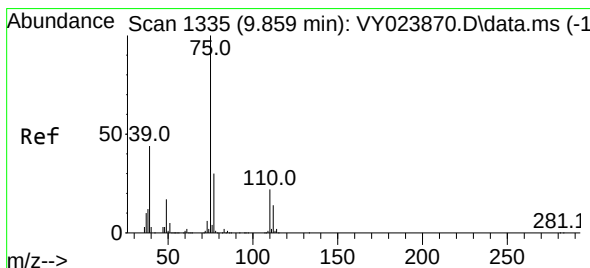
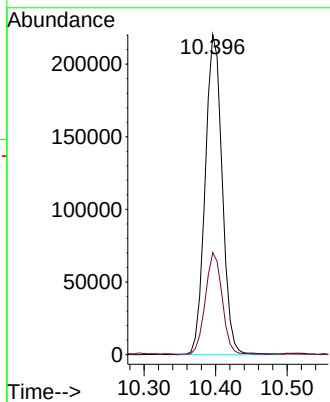
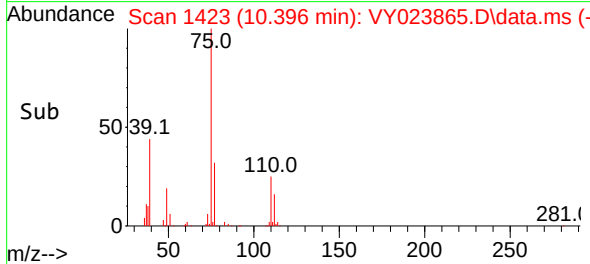
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 363832
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0

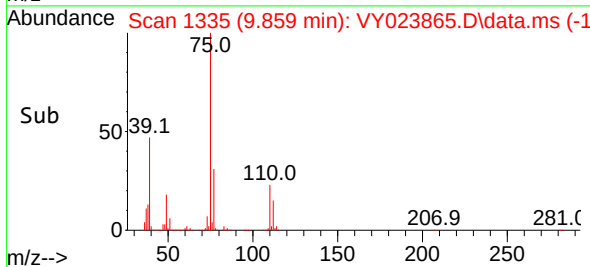
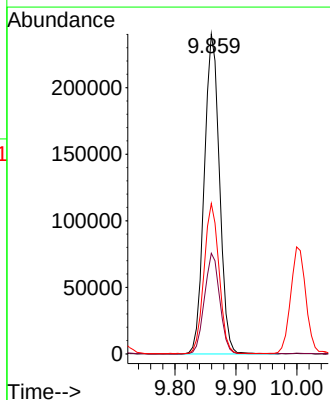
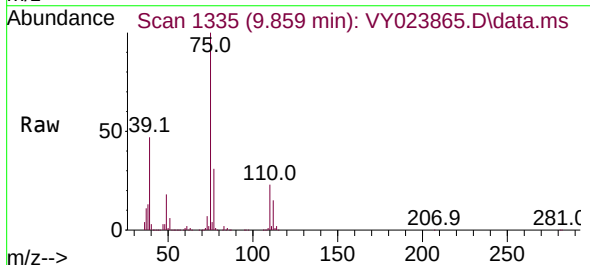
Manual Integrations
APPROVED

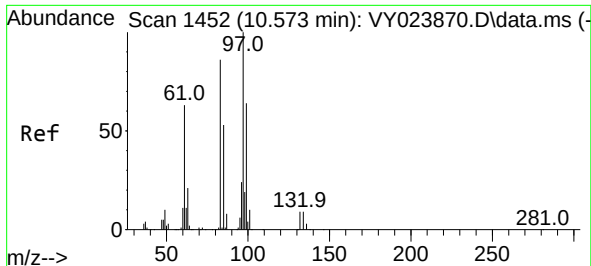
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 55.876 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

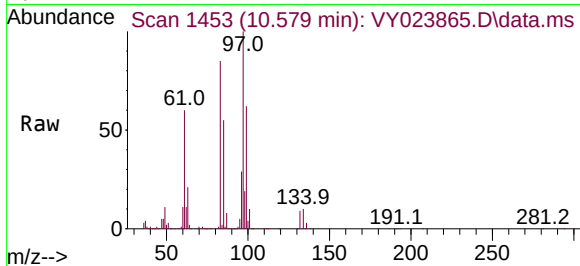
Tgt Ion: 75 Resp: 417025
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.6
39 46.8 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 57.973 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

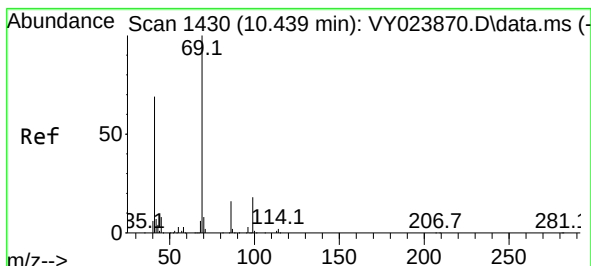
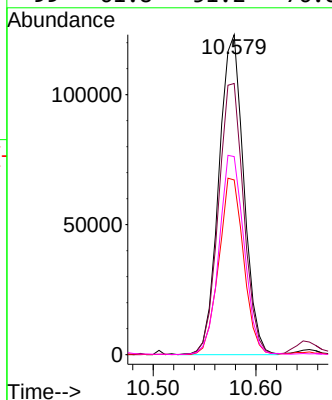
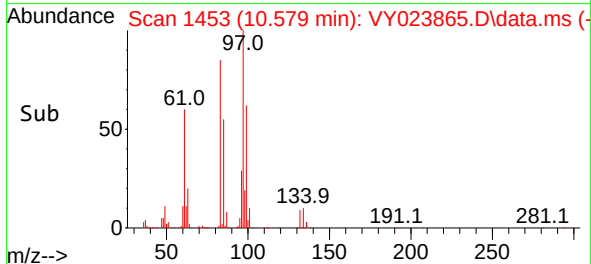
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 207363
Ion Ratio Lower Upper
97 100
83 84.7 69.0 103.4
85 54.5 42.6 63.8
99 61.8 51.2 76.8

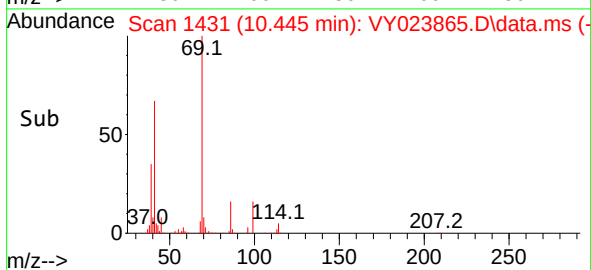
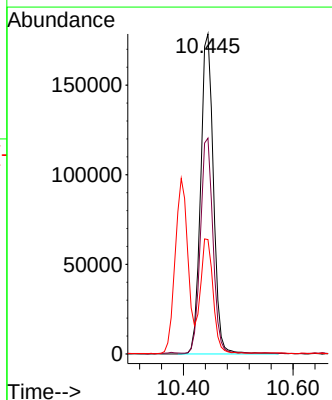
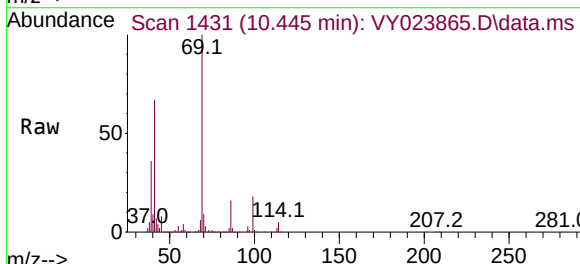
Manual Integrations
APPROVED

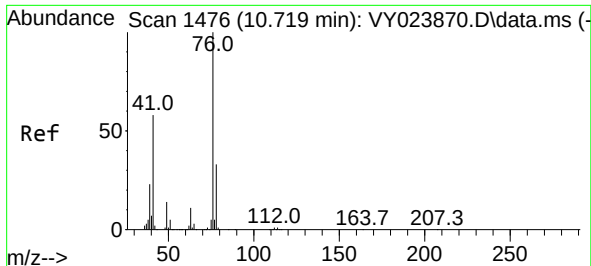
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 62.365 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

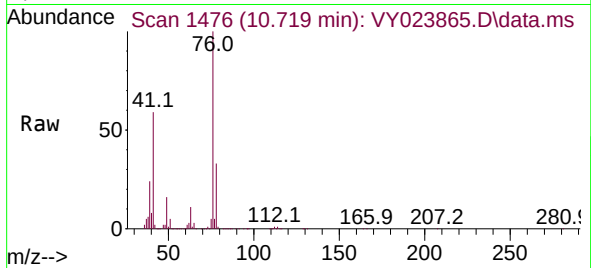
Tgt Ion: 69 Resp: 287294
Ion Ratio Lower Upper
69 100
41 66.4 52.5 78.7
39 35.4 27.1 40.7





#57
1,3-Dichloropropane
Concen: 58.486 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

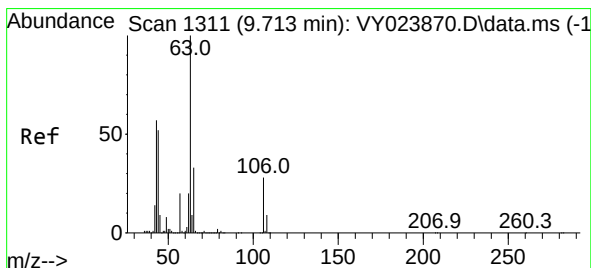
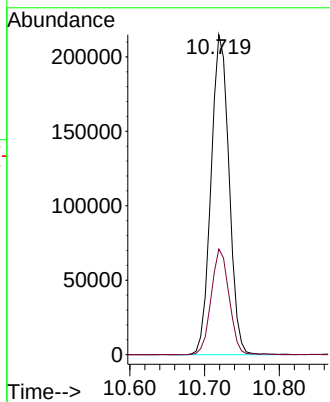
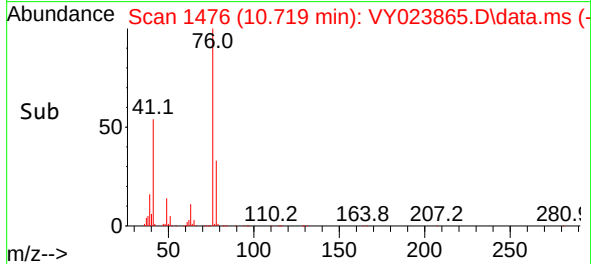
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 359382
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

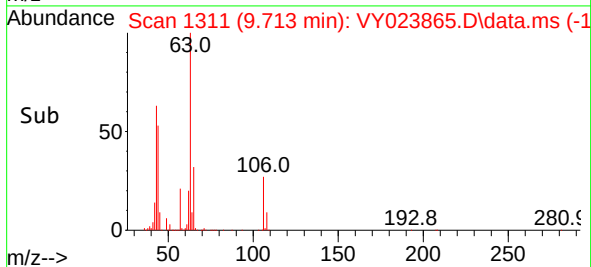
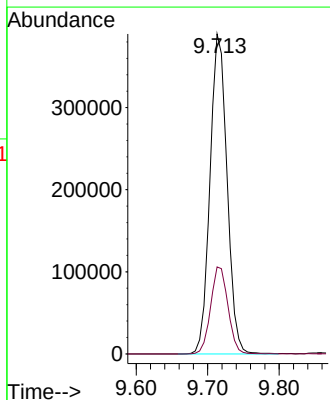
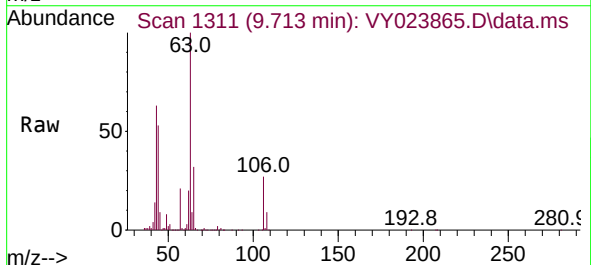
Manual Integrations
APPROVED

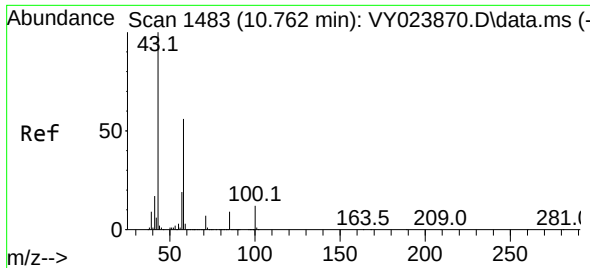
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 313.268 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

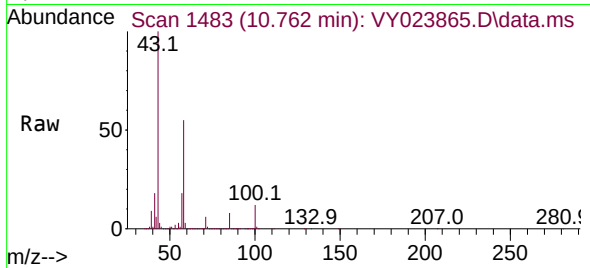
Tgt Ion: 63 Resp: 645275
Ion Ratio Lower Upper
63 100
106 27.5 22.5 33.7





#59
2-Hexanone
Concen: 341.662 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

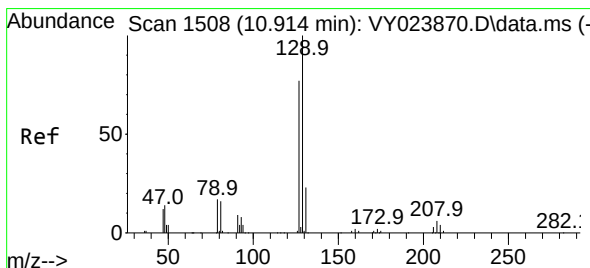
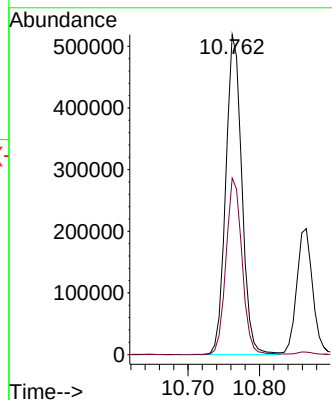
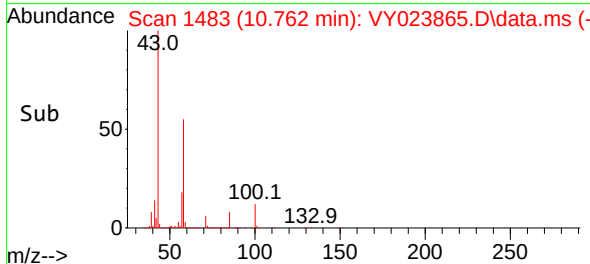
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



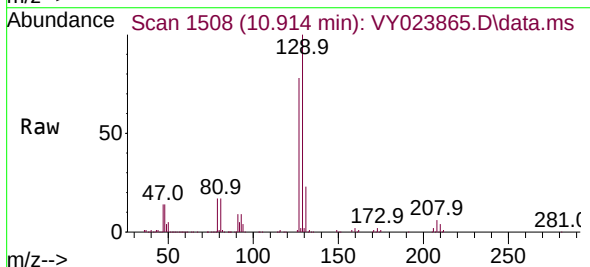
Tgt Ion: 43 Resp: 809388
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

Manual Integrations
APPROVED

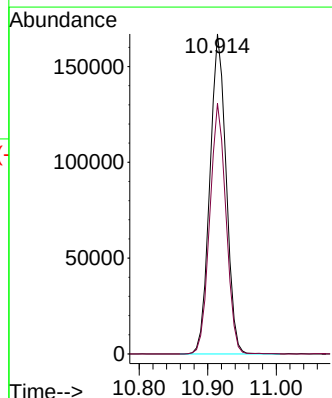
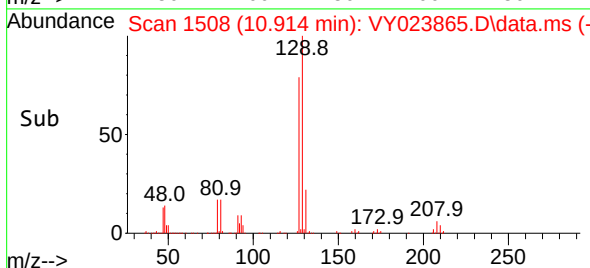
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

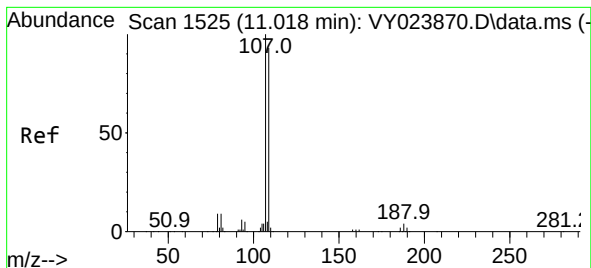


#60
Dibromochloromethane
Concen: 57.338 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



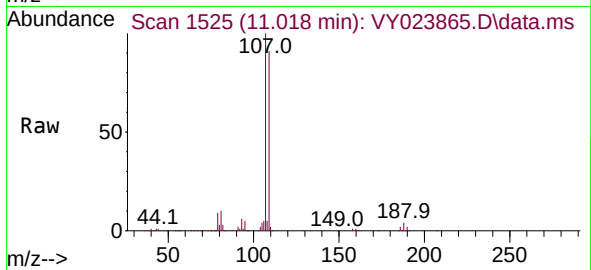
Tgt Ion:129 Resp: 274814
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.0





#61
1,2-Dibromoethane
Concen: 58.105 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

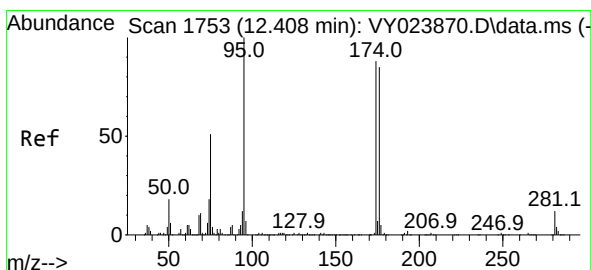
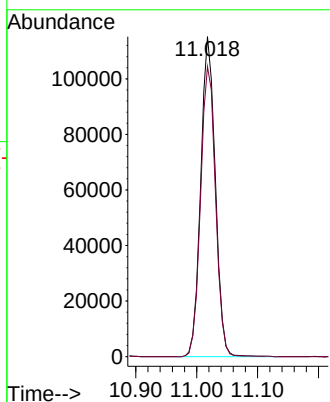
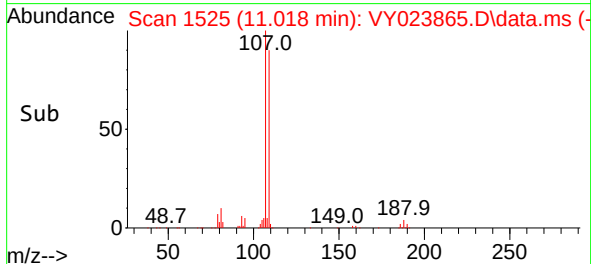
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



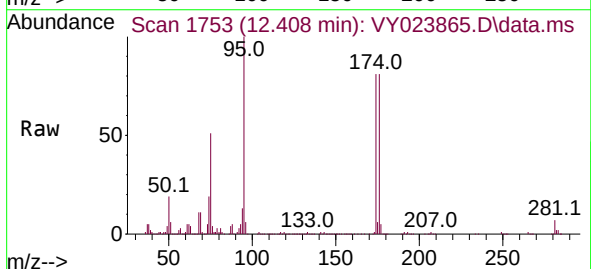
Tgt Ion:107 Resp: 191090
Ion Ratio Lower Upper
107 100
109 92.9 76.0 114.0

Manual Integrations
APPROVED

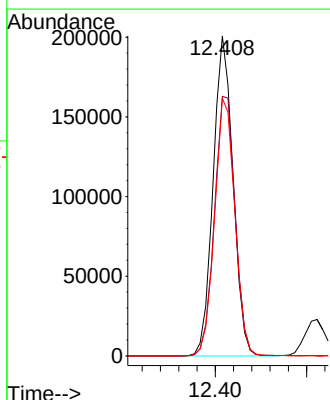
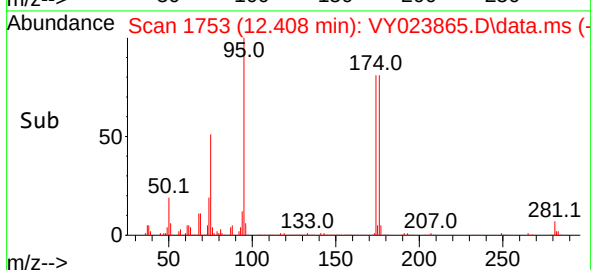
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

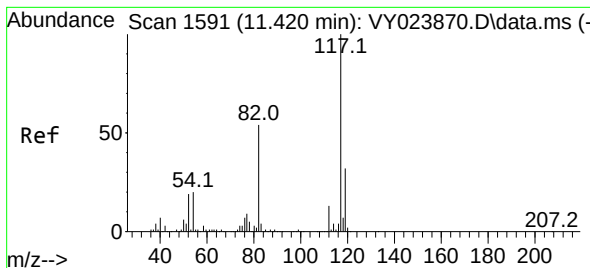


#62
4-Bromofluorobenzene
Concen: 47.972 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



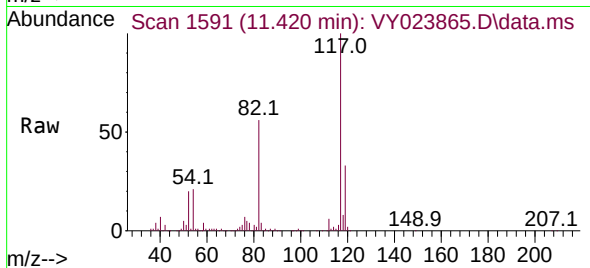
Tgt Ion: 95 Resp: 303131
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.6
176 81.7 0.0 164.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

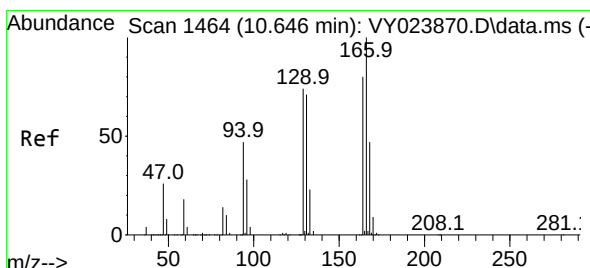
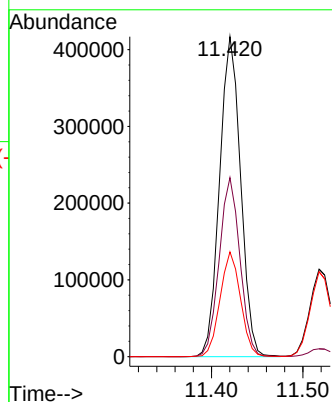
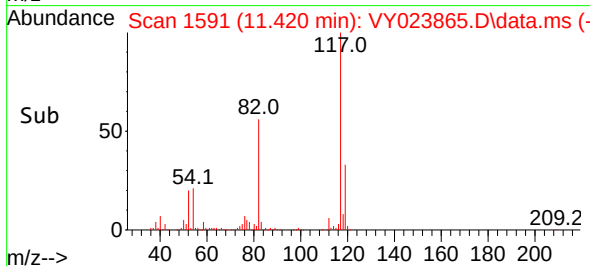
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



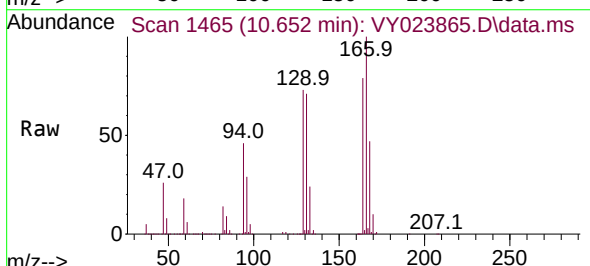
Tgt Ion:117 Resp: 666520
Ion Ratio Lower Upper
117 100
82 55.9 43.1 64.7
119 32.7 26.0 39.0

Manual Integrations
APPROVED

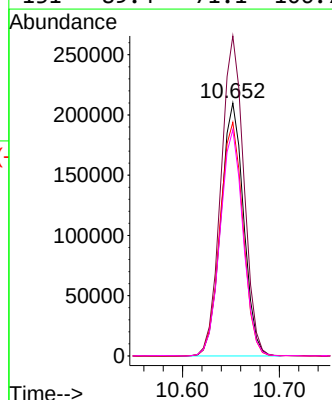
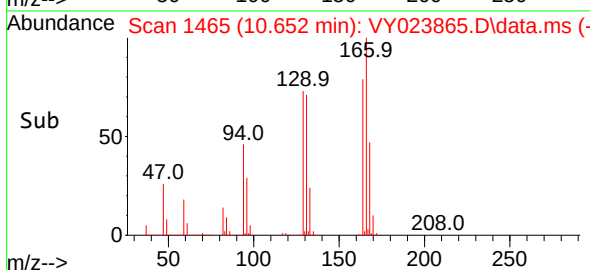
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

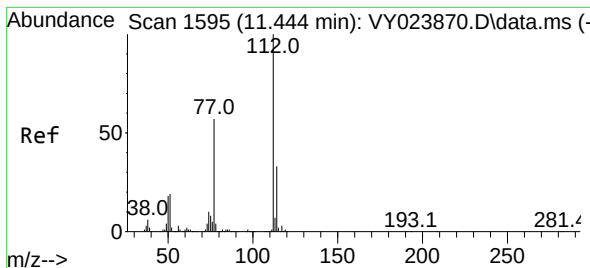


#64
Tetrachloroethene
Concen: 54.306 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



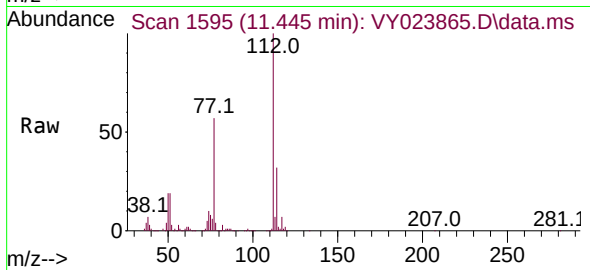
Tgt Ion:164 Resp: 342672
Ion Ratio Lower Upper
164 100
166 126.5 100.2 150.4
129 92.3 74.4 111.6
131 89.4 71.1 106.7





#65
Chlorobenzene
Concen: 52.069 ug/l
RT: 11.445 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

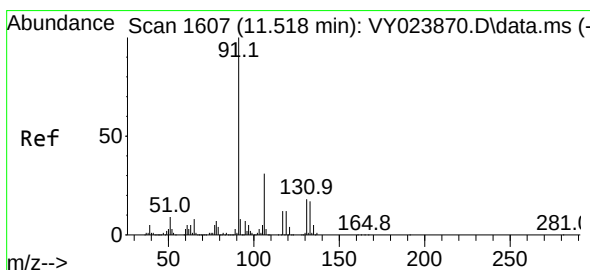
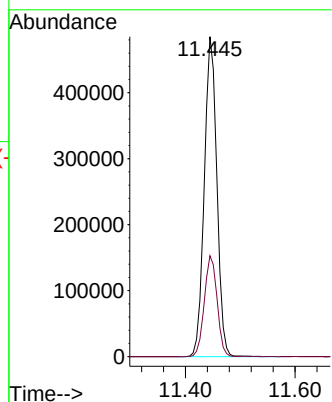
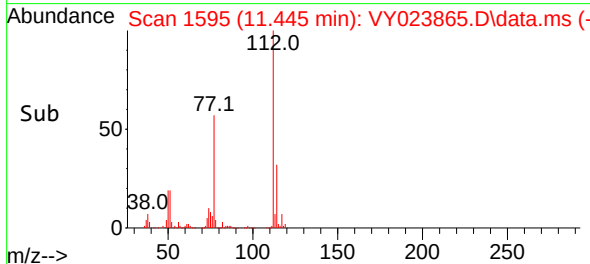
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



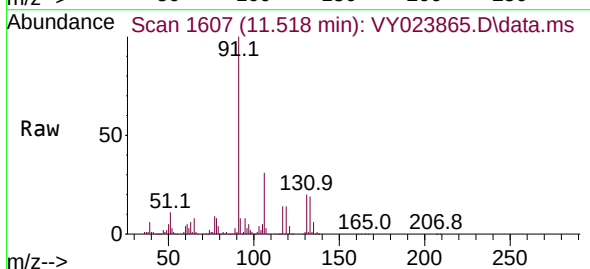
Tgt Ion:112 Resp: 769918
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

Manual Integrations
APPROVED

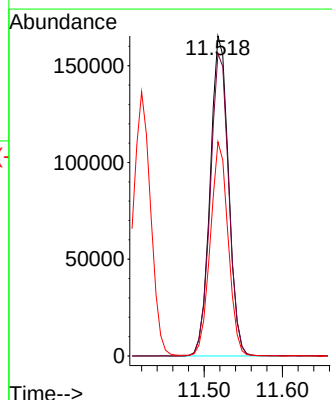
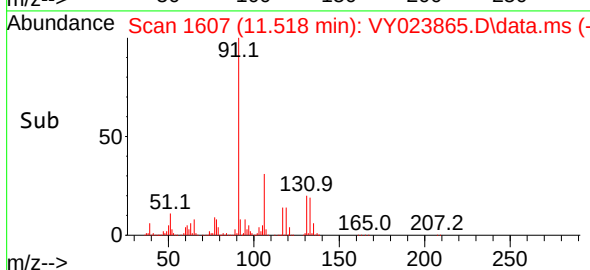
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

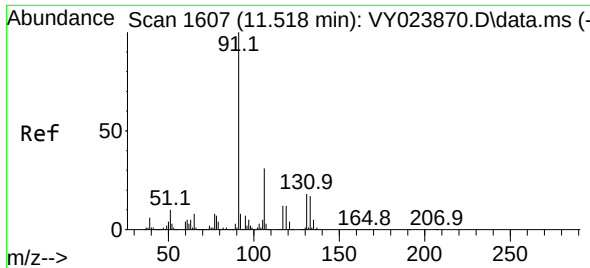


#66
1,1,1,2-Tetrachloroethane
Concen: 53.216 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion:131 Resp: 268919
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 65.2 32.5 97.4





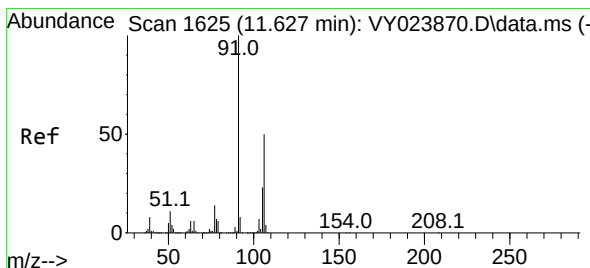
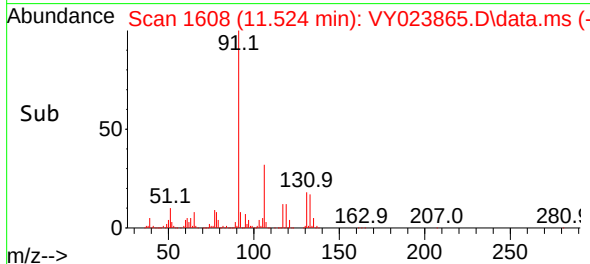
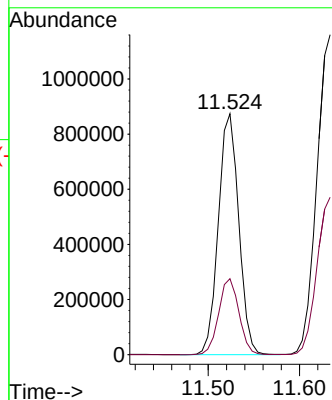
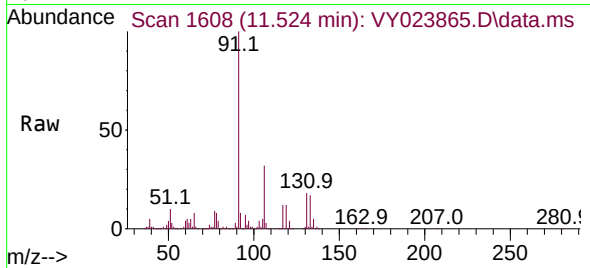
#67
Ethyl Benzene
Concen: 53.079 ug/l
RT: 11.524 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1353550
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

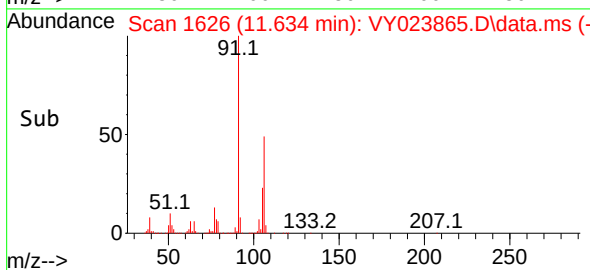
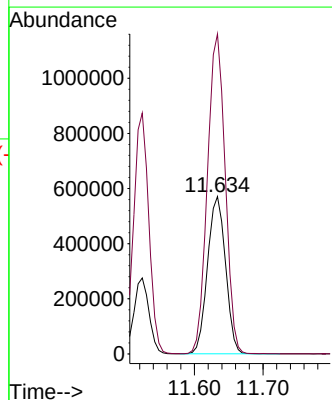
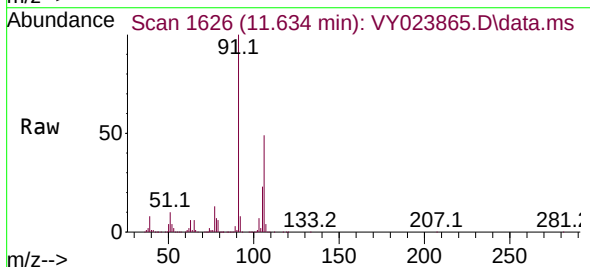
Manual Integrations
APPROVED

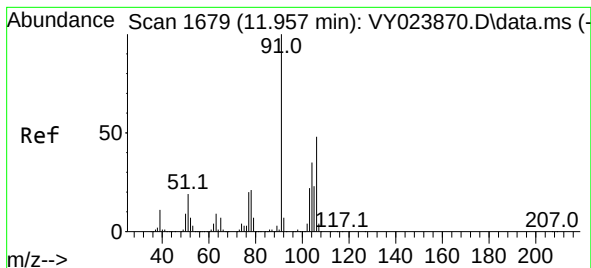
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 106.566 ug/l
RT: 11.634 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Tgt Ion:106 Resp: 1038663
Ion Ratio Lower Upper
106 100
91 200.8 159.7 239.5





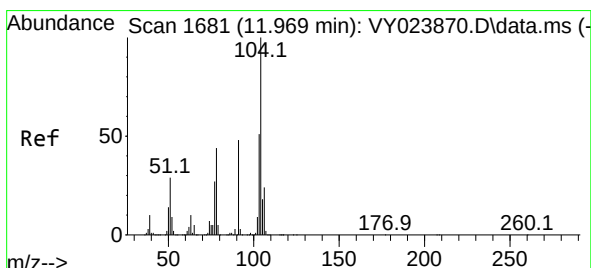
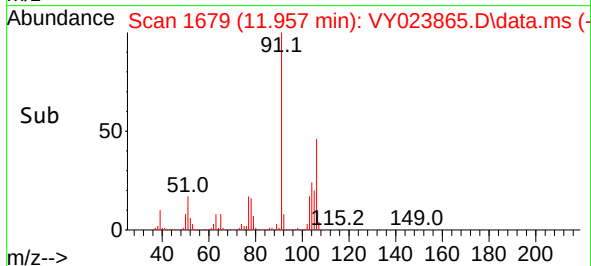
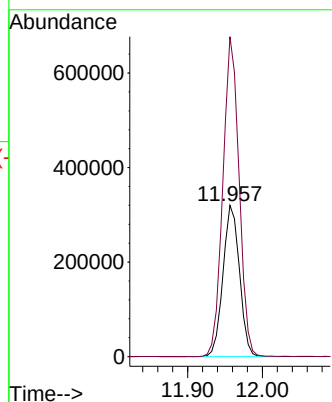
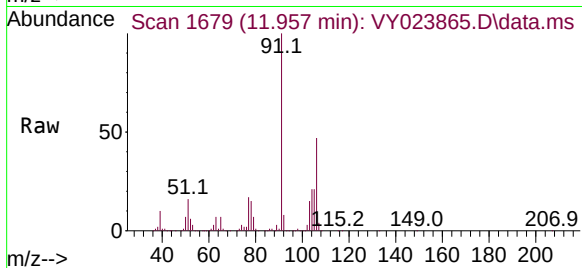
#69
o-Xylene
Concen: 53.661 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 491647
Ion Ratio Lower Upper
106 100
91 208.3 104.4 313.1

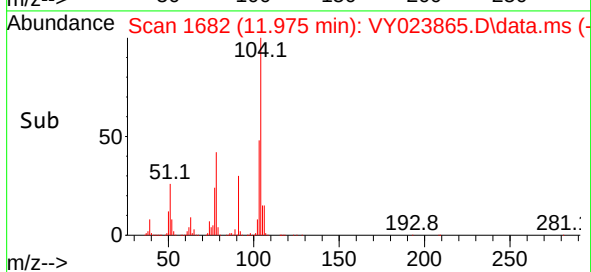
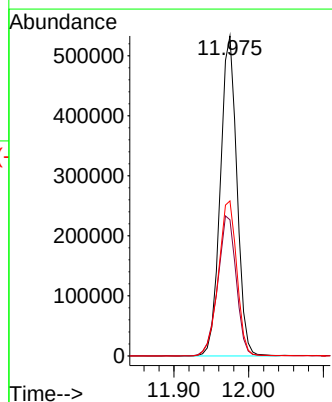
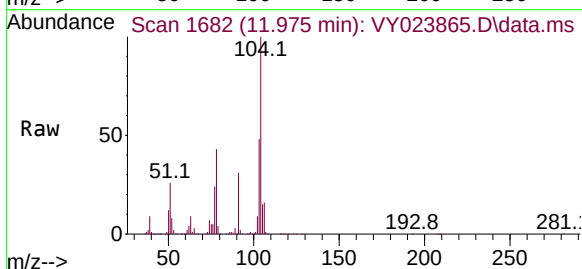
Manual Integrations
APPROVED

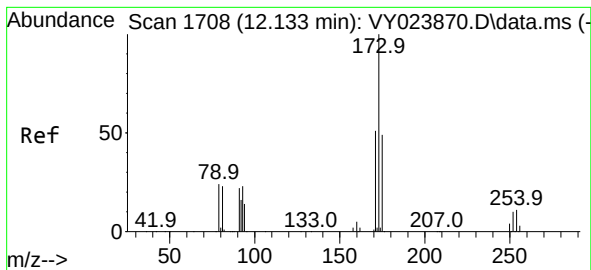
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 54.770 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

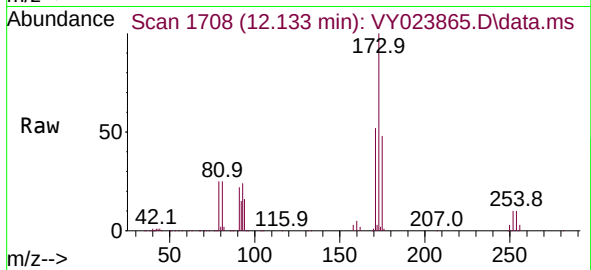
Tgt Ion:104 Resp: 822458
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 53.7 43.9 65.9





#71
Bromoform
Concen: 57.601 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

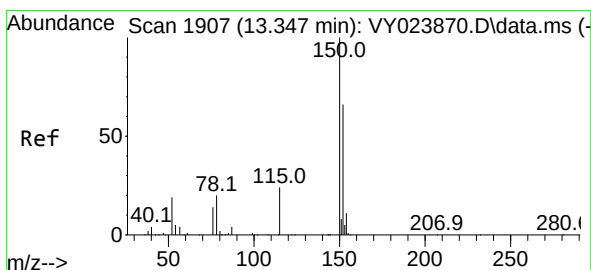
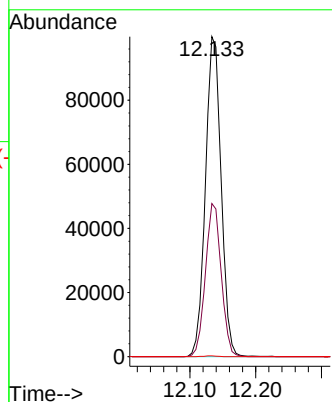
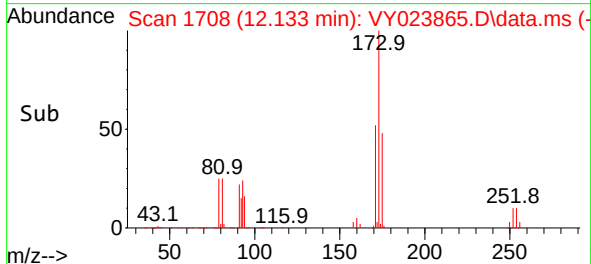
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



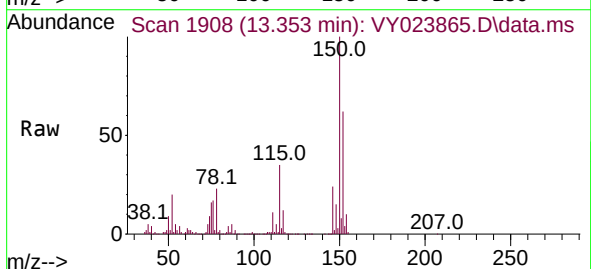
Tgt Ion:173 Resp: 165731
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.4
254 0.2 0.2 0.2

Manual Integrations
APPROVED

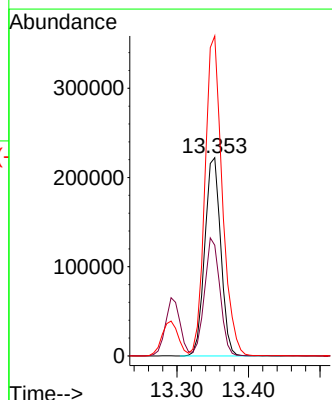
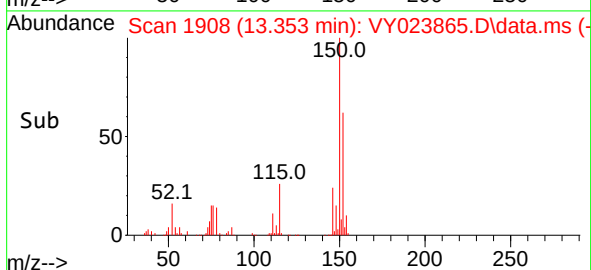
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

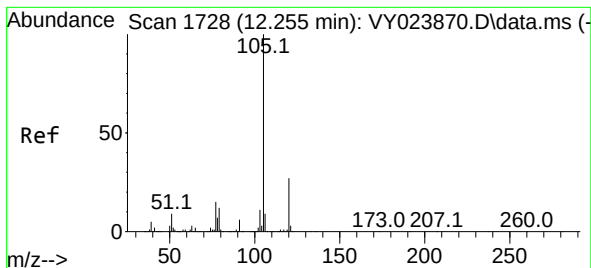


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



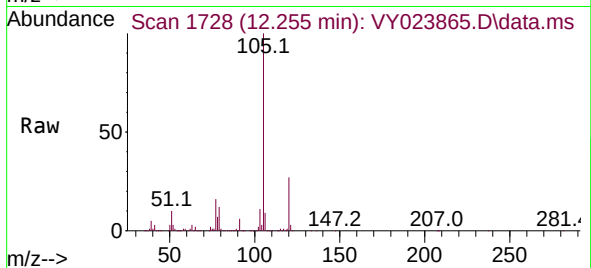
Tgt Ion:152 Resp: 344346
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 174.6 0.0 352.2





#73
Isopropylbenzene
Concen: 53.491 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

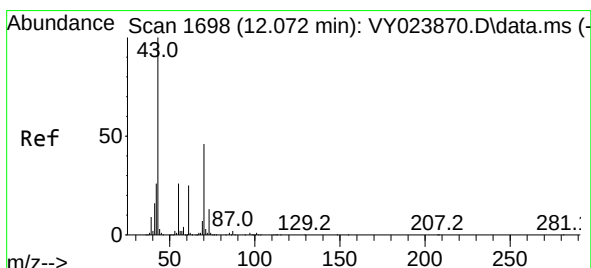
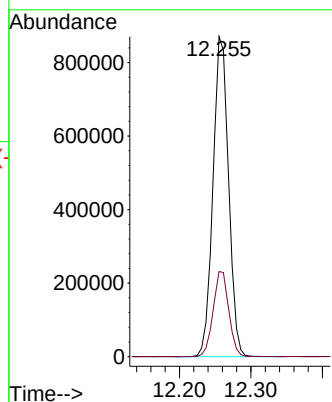
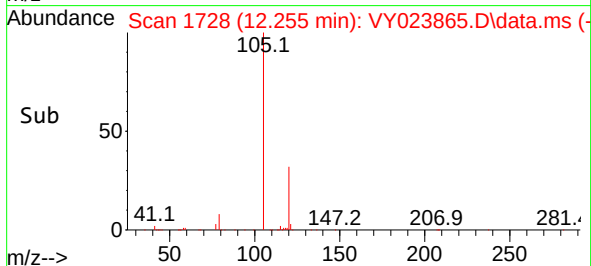
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



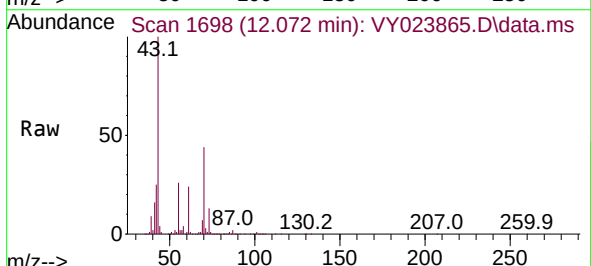
Tgt Ion:105 Resp: 131608
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

Manual Integrations
APPROVED

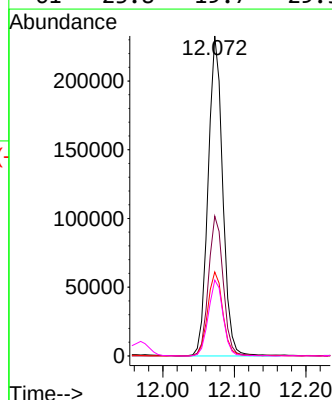
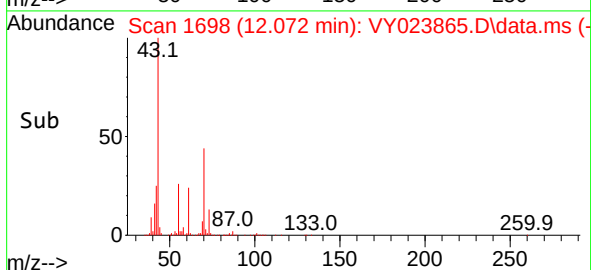
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

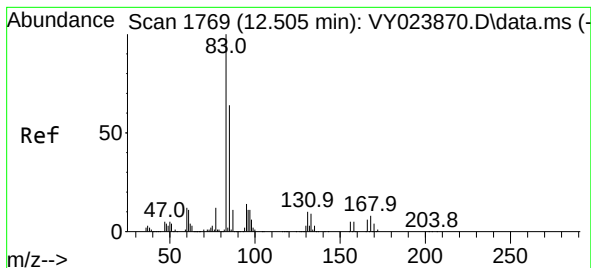


#74
N-ethyl acetate
Concen: 61.384 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



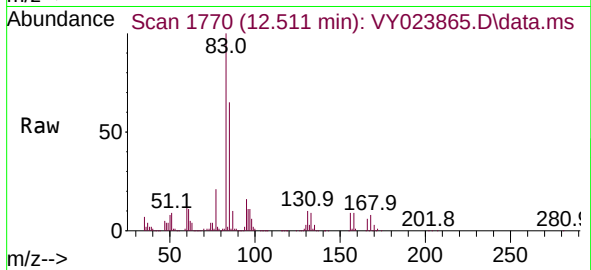
Tgt Ion: 43 Resp: 329645
Ion Ratio Lower Upper
43 100
70 43.8 35.5 53.3
55 27.1 21.1 31.7
61 23.8 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 56.480 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

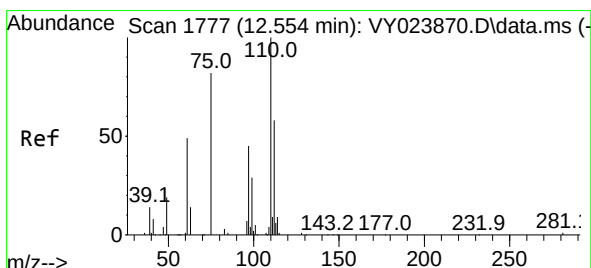
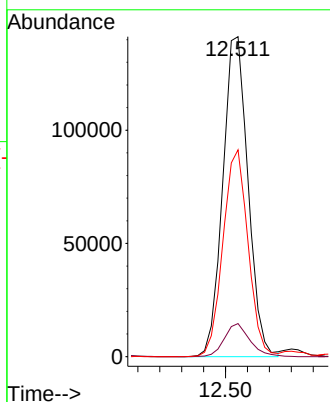
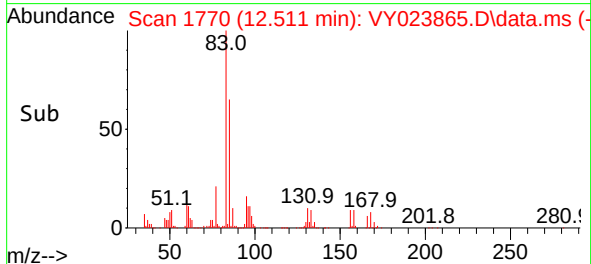
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



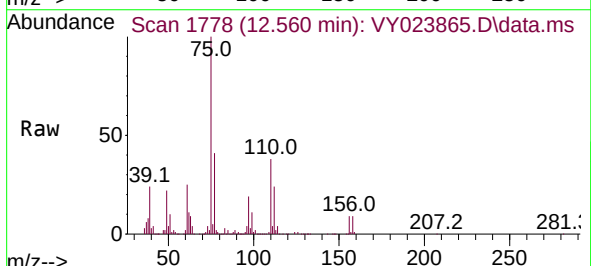
Tgt Ion: 83 Resp: 226130
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.2 31.9 95.7

Manual Integrations
APPROVED

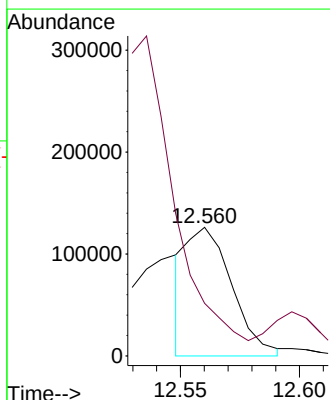
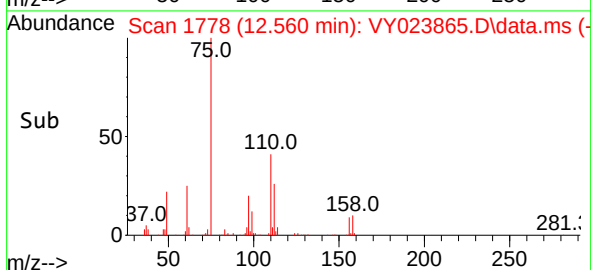
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

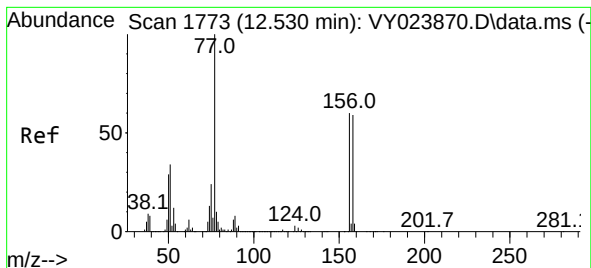


#76
1,2,3-Trichloropropane
Concen: 32.759 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11



Tgt Ion: 75 Resp: 167186
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.964 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 303920

Ion Ratio Lower Upper

156 100

77 184.0 89.6 268.9

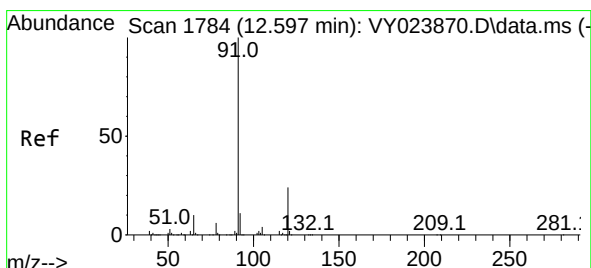
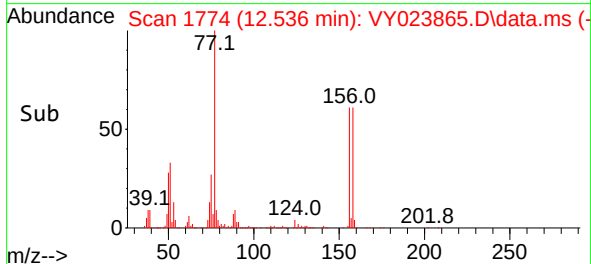
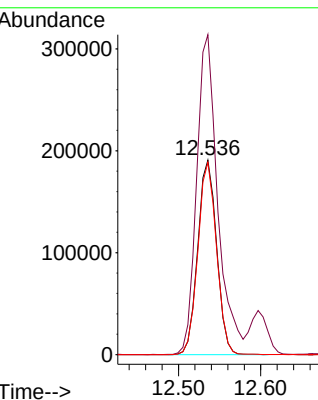
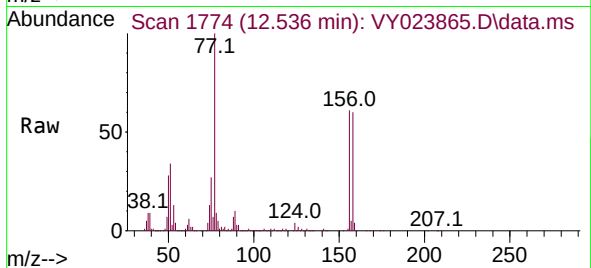
158 97.7 48.6 145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 53.797 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023865.D

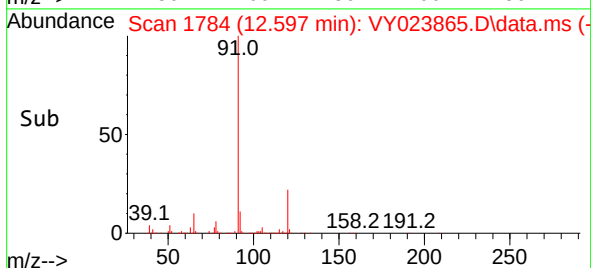
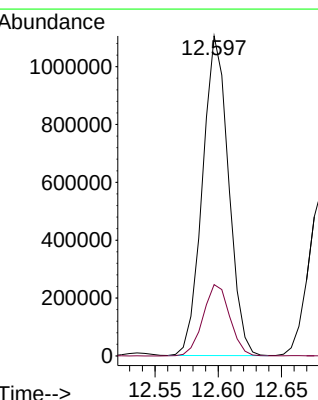
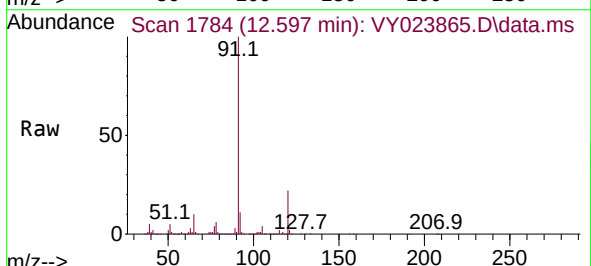
Acq: 03 Dec 2025 08:11

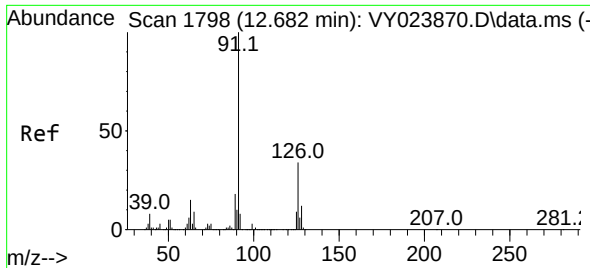
Tgt Ion: 91 Resp: 1588414

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





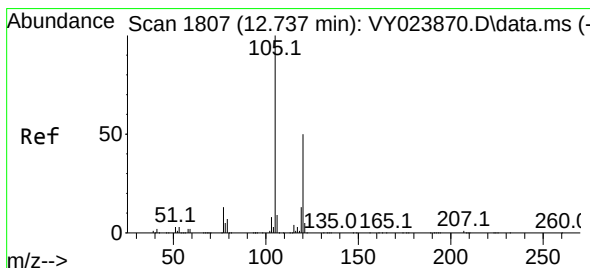
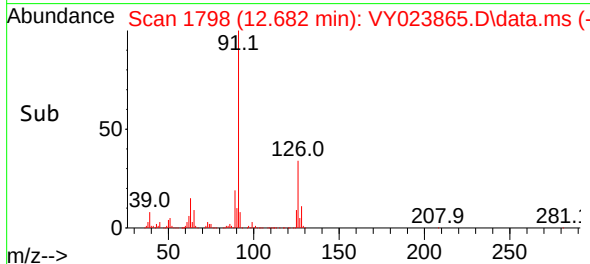
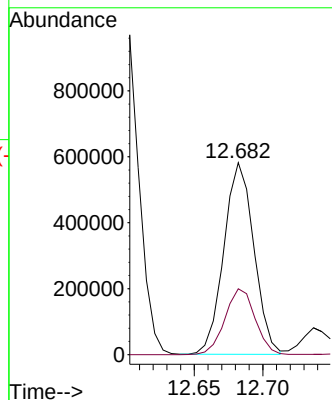
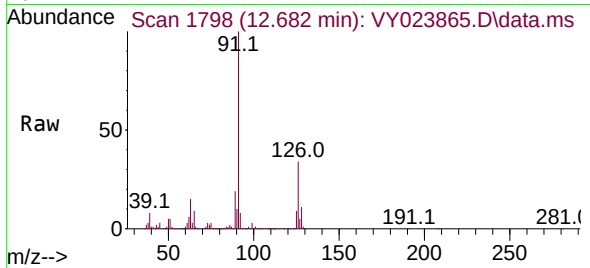
#79
2-Chlorotoluene
Concen: 52.838 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 888152
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

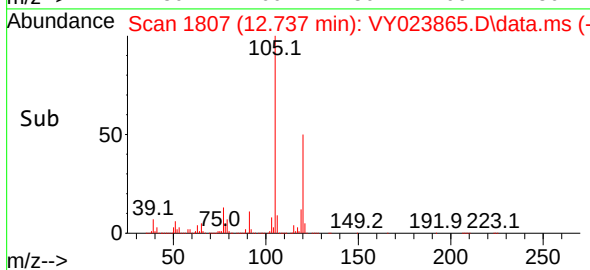
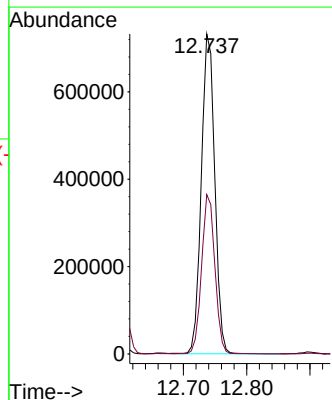
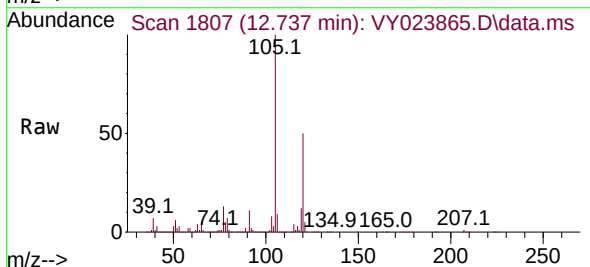
Manual Integrations
APPROVED

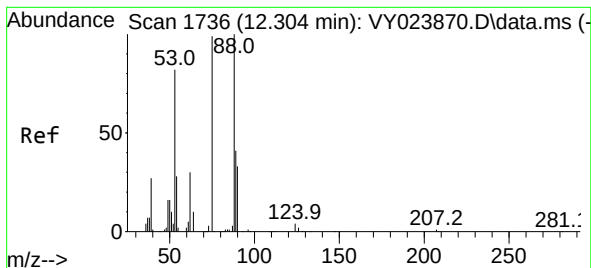
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.057 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Tgt Ion:105 Resp: 1074646
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6





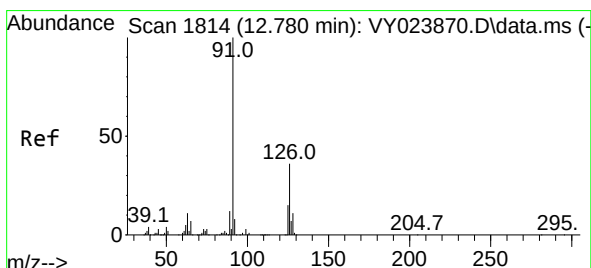
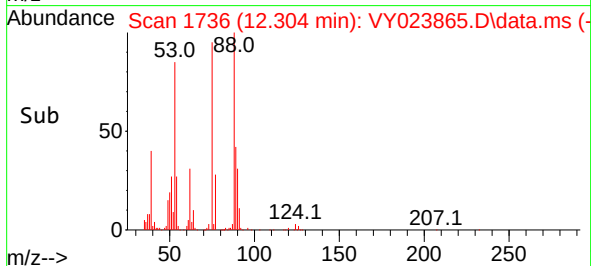
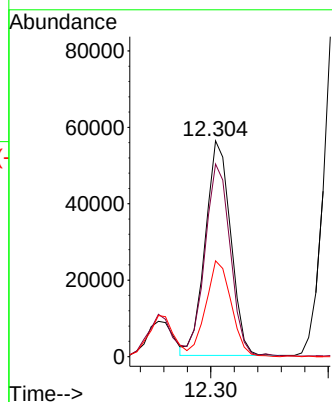
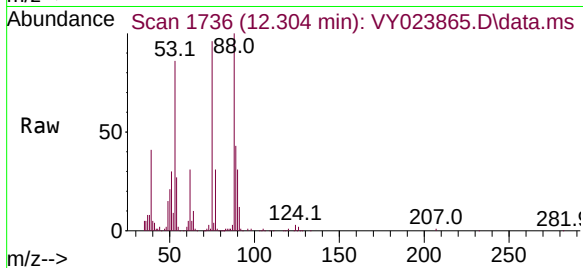
#81
trans-1,4-Dichloro-2-butene
Concen: 60.012 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8425
Ion Ratio Lower Upper
75 100
53 88.9 71.1 106.7
89 44.7 36.3 54.5

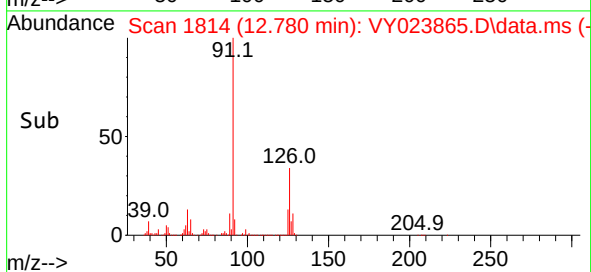
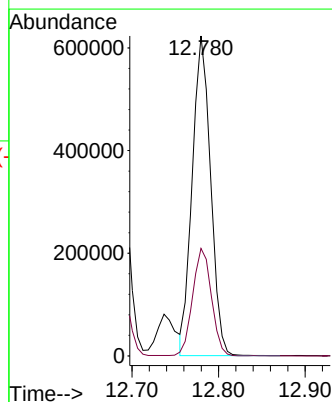
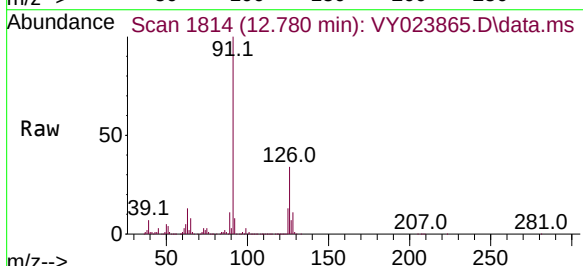
Manual Integrations
APPROVED

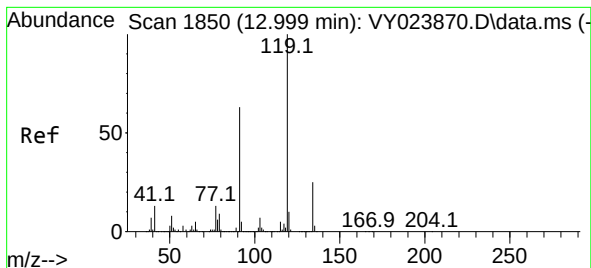
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 52.643 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

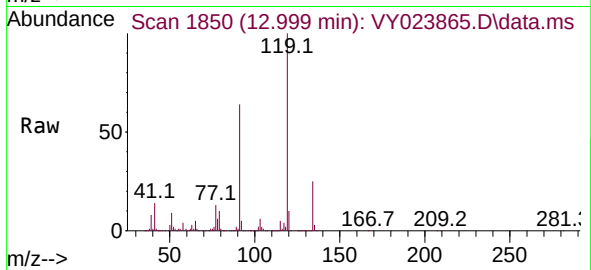
Tgt Ion: 91 Resp: 915638
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83
tert-Butylbenzene
Concen: 54.436 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

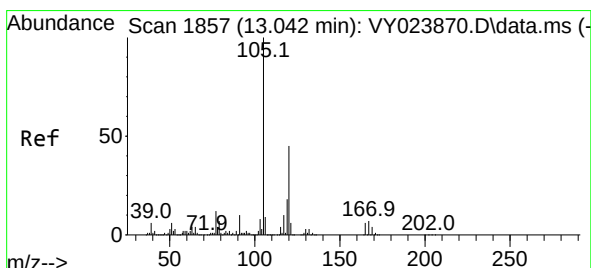
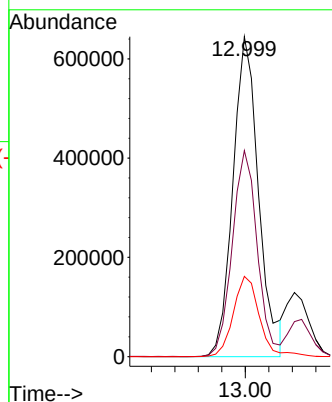
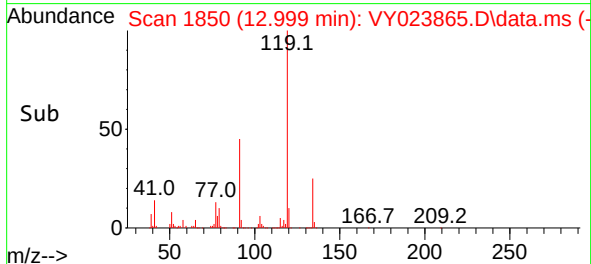
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 978516
Ion Ratio Lower Upper
119 100
91 62.8 31.8 95.3
134 25.5 12.9 38.7

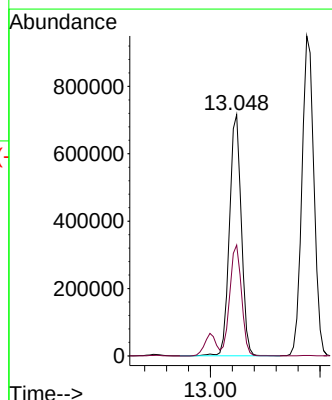
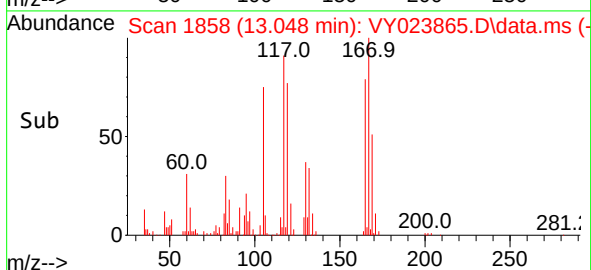
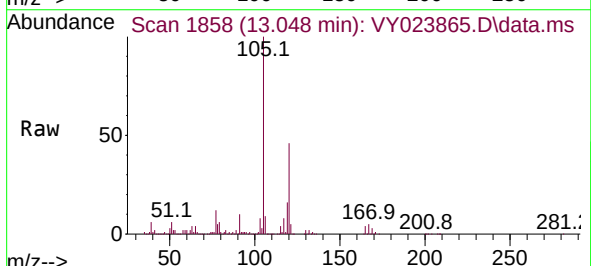
Manual Integrations
APPROVED

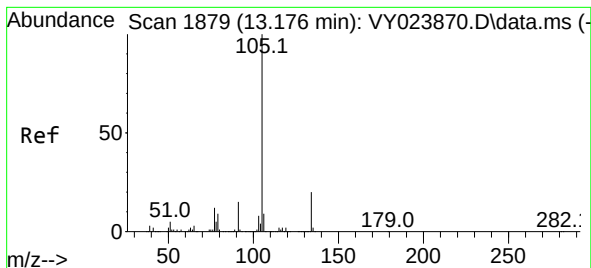
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.997 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

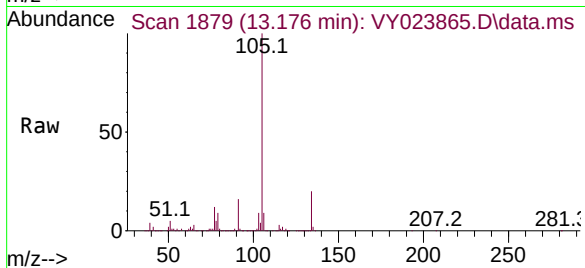
Tgt Ion:105 Resp: 1067604
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 53.962 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023865.D
 Acq: 03 Dec 2025 08:11

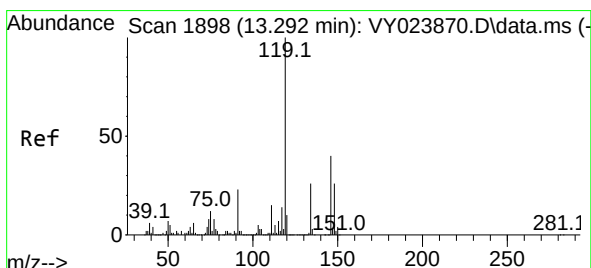
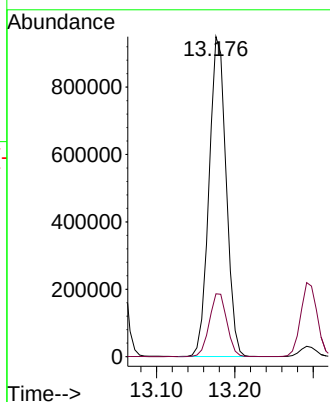
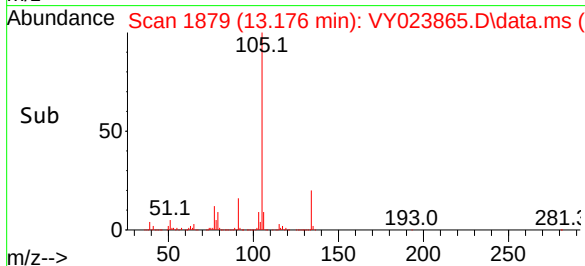
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



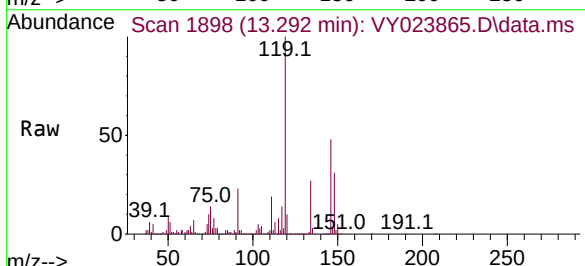
Tgt Ion:105 Resp: 1440289
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

Manual Integrations
 APPROVED

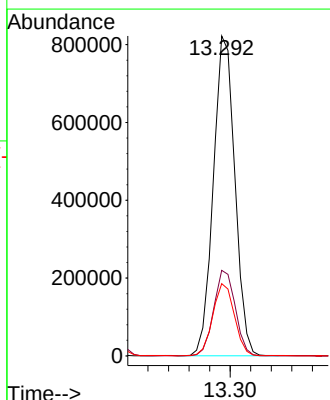
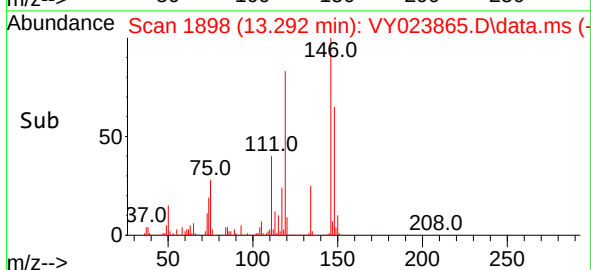
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

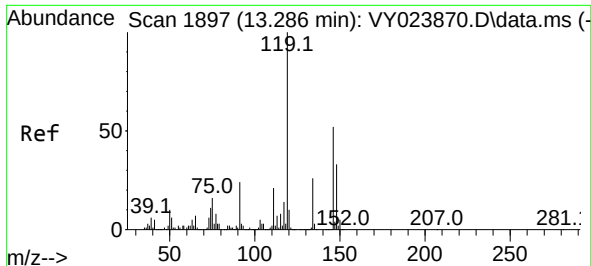


#86
 p-Isopropyltoluene
 Concen: 54.138 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023865.D
 Acq: 03 Dec 2025 08:11



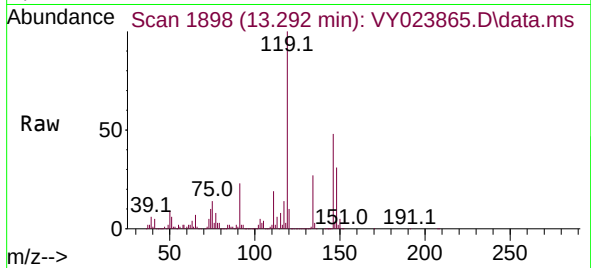
Tgt Ion:119 Resp: 1196885
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 22.5 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 52.167 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

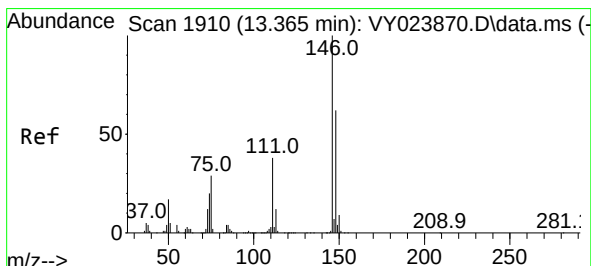
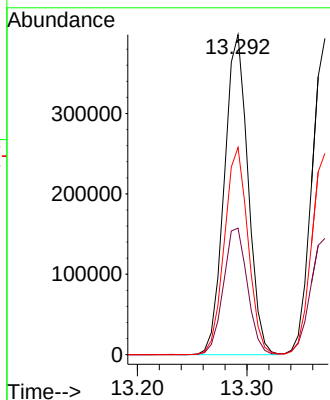
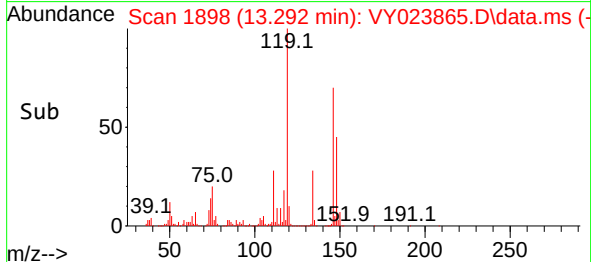
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 597812
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 64.6 32.0 96.2

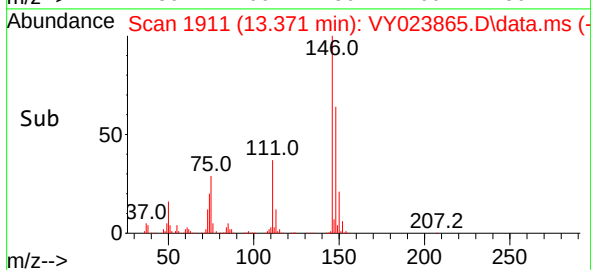
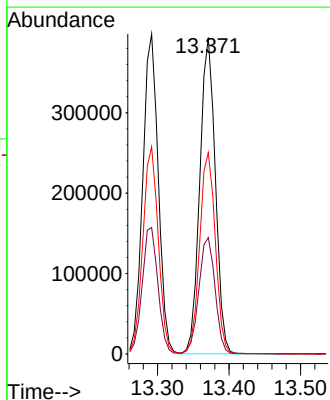
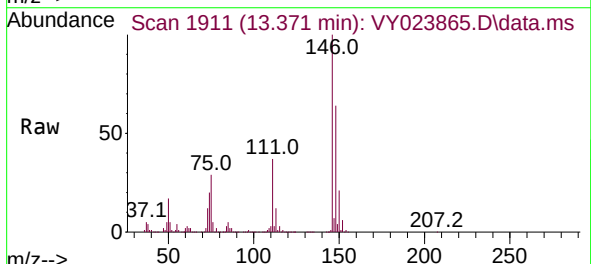
Manual Integrations
APPROVED

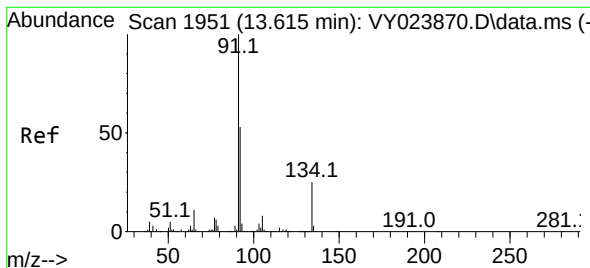
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#88
1,4-Dichlorobenzene
Concen: 52.521 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

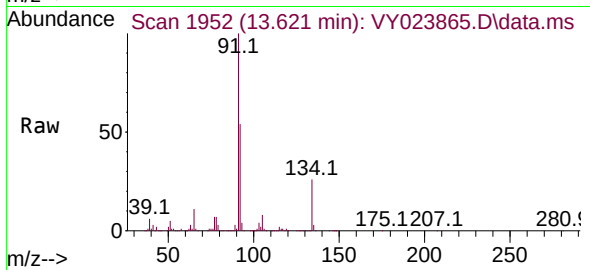
Tgt Ion:146 Resp: 594389
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.1
148 64.1 32.0 96.2





#89
n-Butylbenzene
Concen: 53.799 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

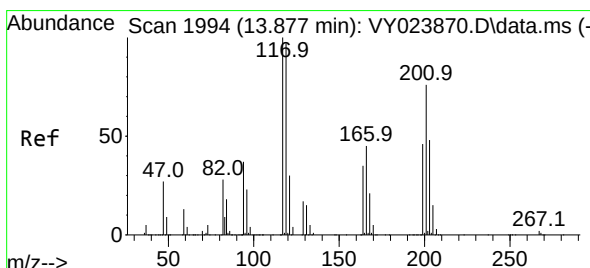
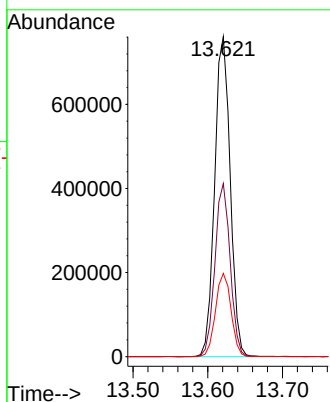
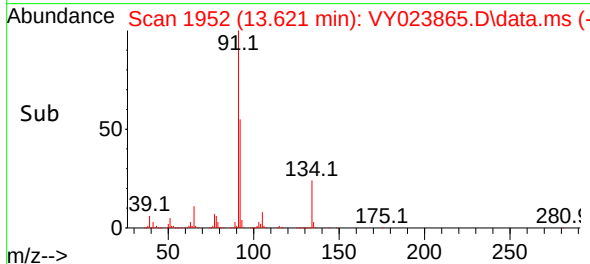
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 110340
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 26.0 13.0 39.0

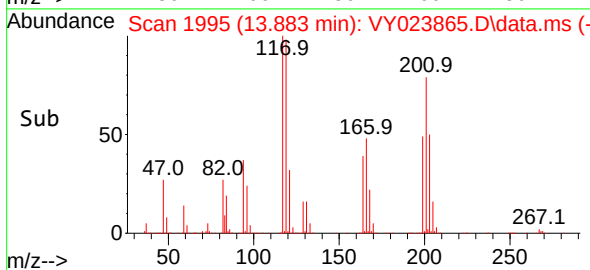
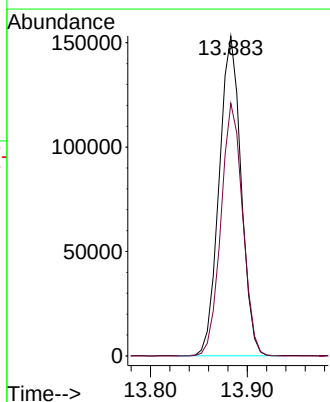
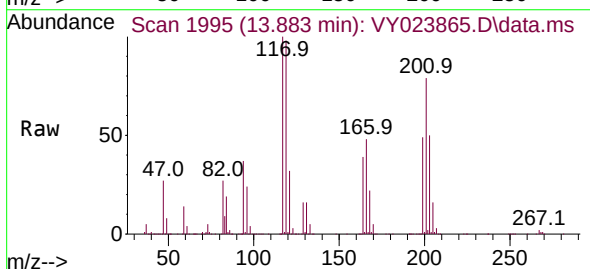
Manual Integrations
APPROVED

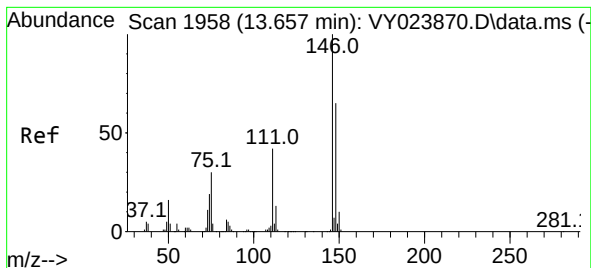
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 51.941 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

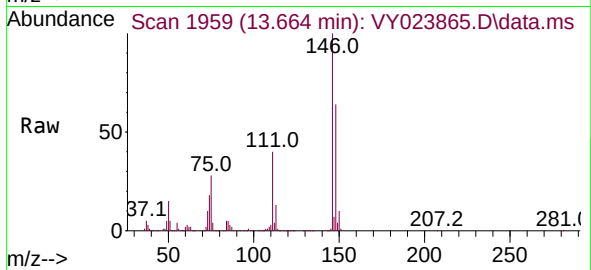
Tgt Ion:117 Resp: 241468
Ion Ratio Lower Upper
117 100
201 78.1 39.1 117.2





#91
1,2-Dichlorobenzene
Concen: 54.417 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

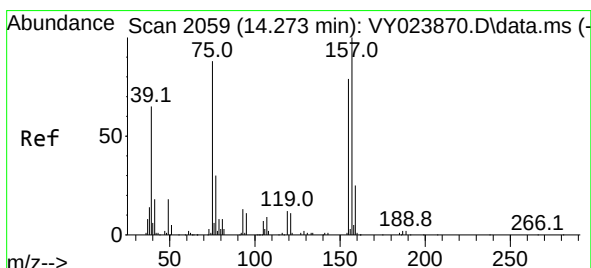
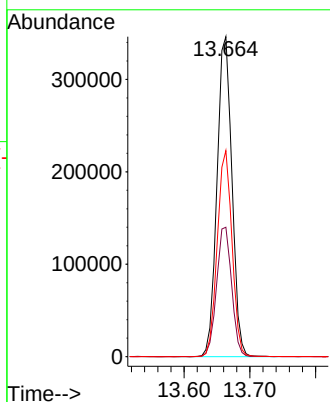
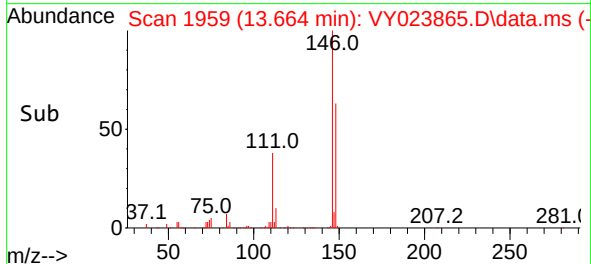
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 542766
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 63.4 32.3 96.8

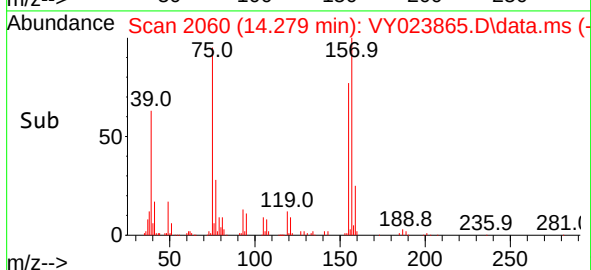
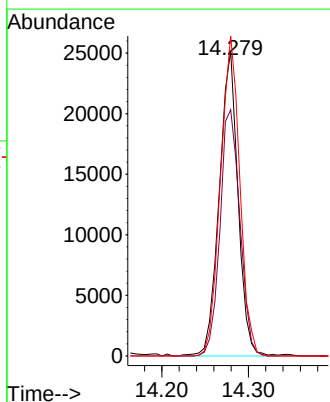
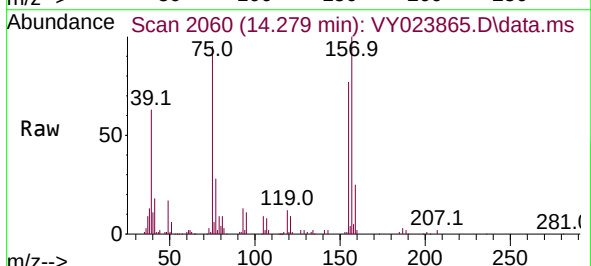
Manual Integrations
APPROVED

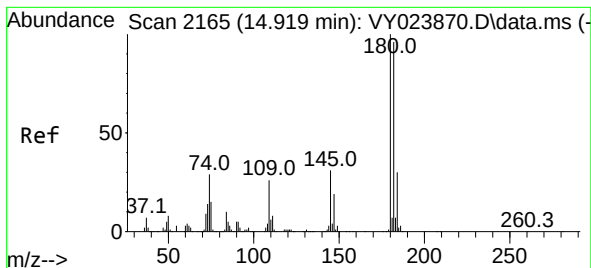
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.161 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023865.D
Acq: 03 Dec 2025 08:11

Tgt Ion: 75 Resp: 37993
Ion Ratio Lower Upper
75 100
155 85.3 44.4 133.2
157 108.0 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 52.532 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 310259

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

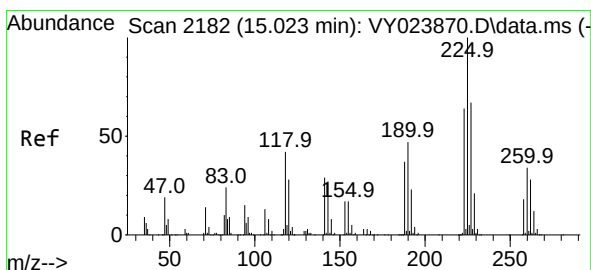
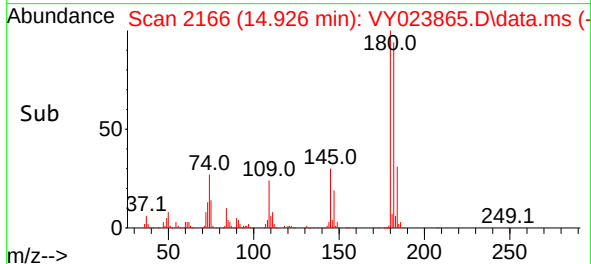
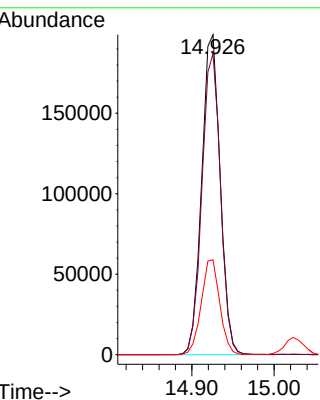
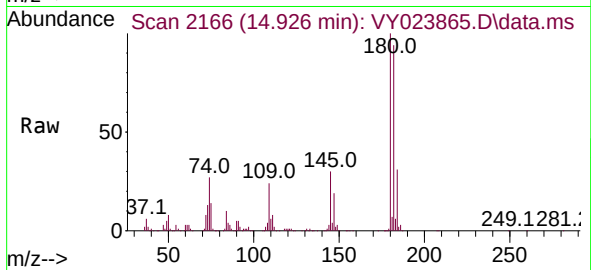
145 29.7 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 50.807 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

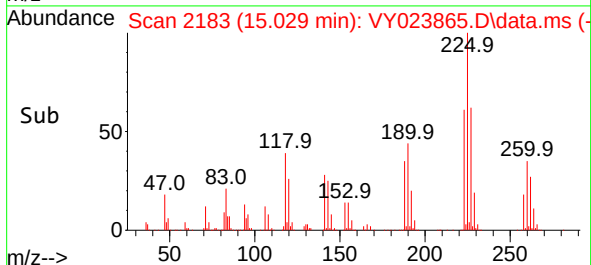
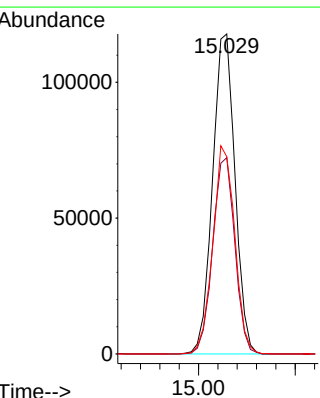
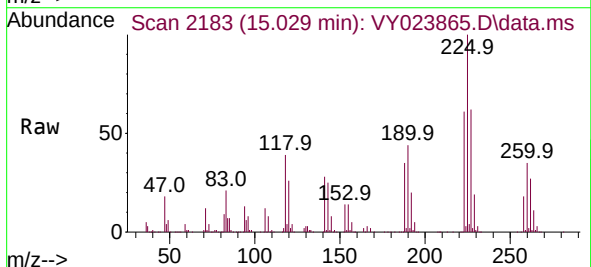
Tgt Ion:225 Resp: 189154

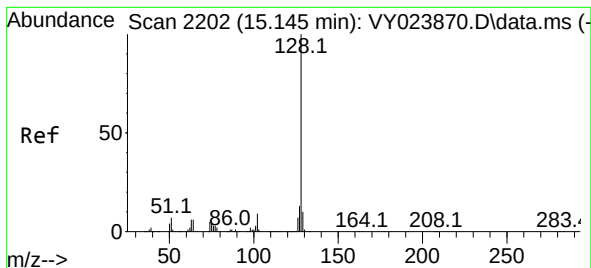
Ion Ratio Lower Upper

225 100

223 60.7 31.6 95.0

227 63.9 32.6 97.8





#95

Naphthalene

Concen: 58.829 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

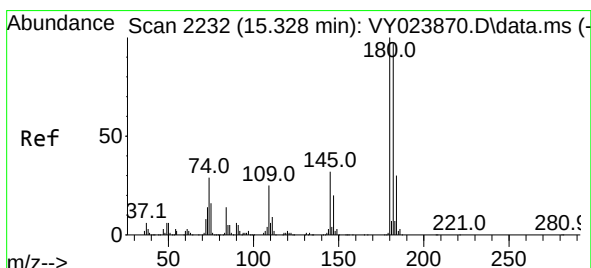
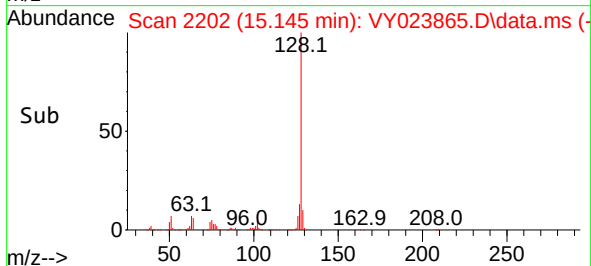
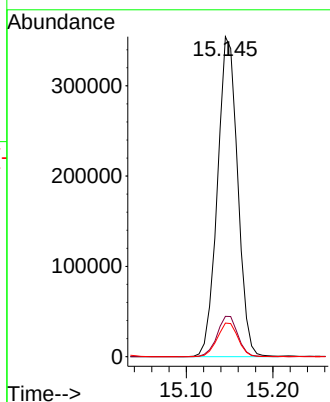
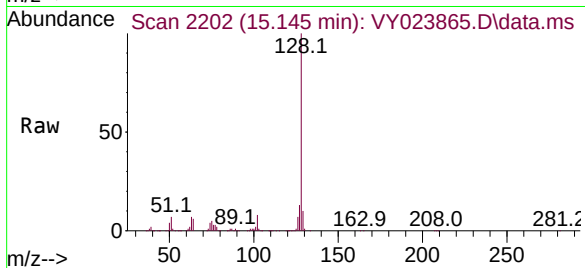
Tgt Ion:	128	Resp:	57524
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.558 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023865.D

Acq: 03 Dec 2025 08:11

Tgt Ion:	180	Resp:	270135
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.8
145	31.9	15.7	47.1

