

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022640.D
 Acq On : 10 Jun 2025 10:56
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 01:47:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Semsettin Yesilyurt 06/11/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	159654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	276426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92665	51.895	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.780%			
35) Dibromofluoromethane	7.640	113	86410	52.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.109	98	348107	52.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.407	95	97801	49.236	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31259	21.869	ug/l	95
3) Chloromethane	2.068	50	82963	19.647	ug/l	99
4) Vinyl Chloride	2.208	62	111423	22.745	ug/l	99
5) Bromomethane	2.592	94	105687	22.509	ug/l	99
6) Chloroethane	2.732	64	81489	24.236	ug/l	95
7) Trichlorofluoromethane	3.049	101	98925	23.788	ug/l	97
8) Diethyl Ether	3.458	74	18958	20.242	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	37702	21.525	ug/l	98
10) Methyl Iodide	4.007	142	34451	18.176	ug/l	98
11) Tert butyl alcohol	4.860	59	11863m	93.017	ug/l	
12) 1,1-Dichloroethene	3.787	96	36252	21.653	ug/l	96
13) Acrolein	3.659	56	13011	81.860	ug/l	92
14) Allyl chloride	4.391	41	53270	20.268	ug/l	97
15) Acrylonitrile	5.061	53	38486	97.029	ug/l	97
16) Acetone	3.872	43	40860	112.674	ug/l	98
17) Carbon Disulfide	4.110	76	109884	20.500	ug/l	97
18) Methyl Acetate	4.391	43	21075	19.625	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95544	20.261	ug/l	99
20) Methylene Chloride	4.616	84	40580	19.700	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	39640	21.155	ug/l	100
22) Diisopropyl ether	6.018	45	122094	20.869	ug/l	94
23) Vinyl Acetate	5.963	43	339402	98.017	ug/l	99
24) 1,1-Dichloroethane	5.915	63	74417	21.592	ug/l	98
25) 2-Butanone	6.896	43	55102	105.341	ug/l	100
26) 2,2-Dichloropropane	6.890	77	65585	21.537	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	46564	21.499	ug/l	98
28) Bromochloromethane	7.244	49	31486	20.957	ug/l	99
29) Tetrahydrofuran	7.268	42	31504	93.380	ug/l	98
30) Chloroform	7.421	83	76072	22.284	ug/l	89
31) Cyclohexane	7.707	56	66336	19.333	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	66165	21.833	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54432	20.327	ug/l	100
37) Ethyl Acetate	6.988	43	22899	19.175	ug/l	98
38) Carbon Tetrachloride	7.817	117	55944	20.365	ug/l	94
39) Methylcyclohexane	9.109	83	69318	19.262	ug/l	96
40) Benzene	8.079	78	167280	21.150	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13876	19.893	ug/l #	91
42) 1,2-Dichloroethane	8.164	62	44816	20.752	ug/l	98
43) Isopropyl Acetate	8.201	43	47971	18.600	ug/l #	86
44) Trichloroethene	8.865	130	40292	20.844	ug/l	99
45) 1,2-Dichloropropane	9.140	63	40215	21.514	ug/l	99
46) Dibromomethane	9.237	93	22390	21.291	ug/l	96
47) Bromodichloromethane	9.426	83	56123	21.048	ug/l	99
48) Methyl methacrylate	9.225	41	22929	18.943	ug/l	98
49) 1,4-Dioxane	9.231	88	4231	339.613	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	119716	93.102	ug/l	99
52) Toluene	10.170	92	101960	20.513	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	48427	19.383	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	58179	20.005	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	27580	20.568	ug/l	97
56) Ethyl methacrylate	10.438	69	35194	18.159	ug/l	97
57) 1,3-Dichloropropane	10.719	76	49760	20.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	85318	96.960	ug/l	98
59) 2-Hexanone	10.761	43	79279	92.188	ug/l	99
60) Dibromochloromethane	10.914	129	34698	20.362	ug/l	98
61) 1,2-Dibromoethane	11.017	107	24597	20.126	ug/l	95
64) Tetrachloroethene	10.646	164	43465	21.427	ug/l	95
65) Chlorobenzene	11.444	112	106690	20.445	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34627	19.698	ug/l	96
67) Ethyl Benzene	11.517	91	192376	19.876	ug/l	100
68) m/p-Xylenes	11.627	106	145656	39.698	ug/l	99
69) o-Xylene	11.956	106	65712	19.102	ug/l	95
70) Styrene	11.968	104	110213	19.382	ug/l	99
71) Bromoform	12.133	173	17693	18.914	ug/l #	98
73) Isopropylbenzene	12.255	105	175103	19.438	ug/l	100
74) N-amyl acetate	12.072	43	38808	17.073	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	27341	18.492	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	24171m	19.255	ug/l	
77) Bromobenzene	12.535	156	37287	19.614	ug/l	99
78) n-propylbenzene	12.596	91	217303	19.750	ug/l	100
79) 2-Chlorotoluene	12.682	91	115909	19.876	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	140110	19.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8735	16.804	ug/l	97
82) 4-Chlorotoluene	12.779	91	117763	19.576	ug/l	99
83) tert-Butylbenzene	12.999	119	122978	19.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	137535	19.443	ug/l	99
85) sec-Butylbenzene	13.176	105	192035	19.753	ug/l	100
86) p-Isopropyltoluene	13.291	119	152960	19.088	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	75188	19.521	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	74781	20.018	ug/l	100
89) n-Butylbenzene	13.621	91	150124	19.746	ug/l	99
90) Hexachloroethane	13.883	117	30499	19.550	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	64919	19.852	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4325	20.092	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	33355	18.702	ug/l	98
94) Hexachlorobutadiene	15.023	225	19765	20.079	ug/l	96
95) Naphthalene	15.145	128	60375	17.640	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	28334	18.537	ug/l	97

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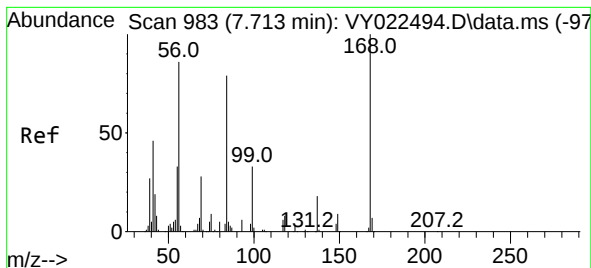
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/11/2025

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion:168 Resp: 159654

Ion Ratio Lower Upper

168 100

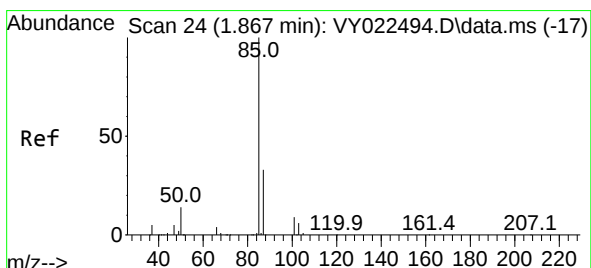
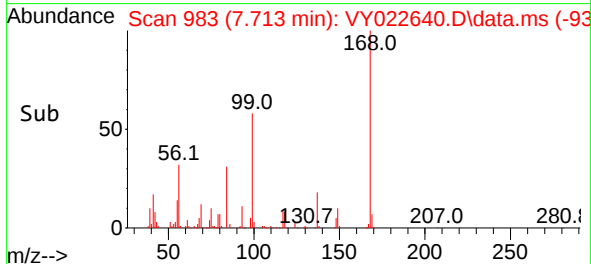
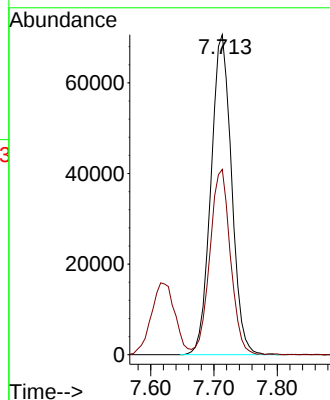
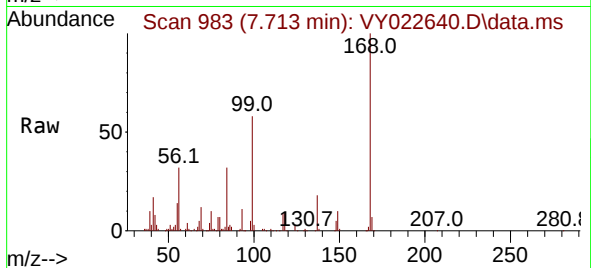
99 57.8 44.3 66.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.869 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022640.D

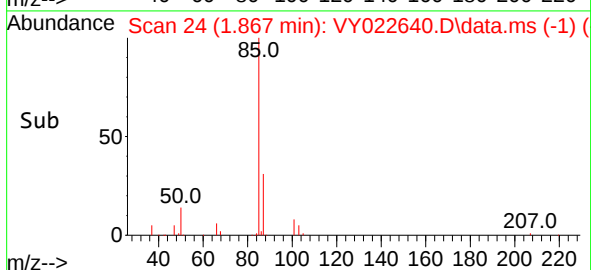
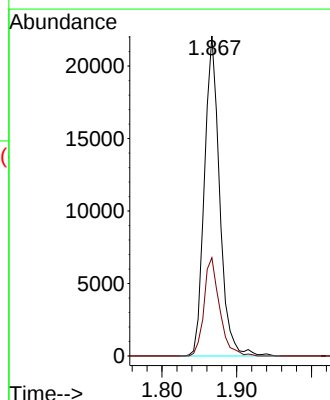
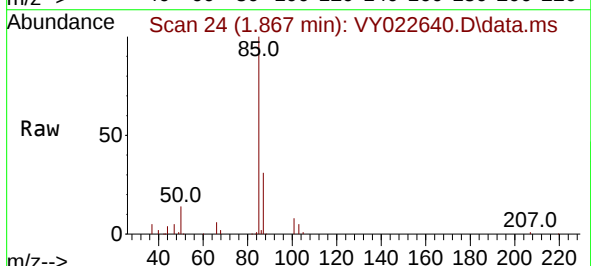
Acq: 10 Jun 2025 10:56

Tgt Ion: 85 Resp: 31259

Ion Ratio Lower Upper

85 100

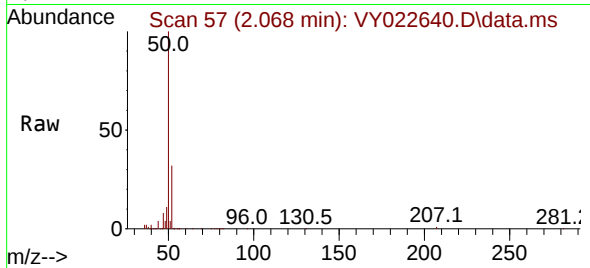
87 30.7 16.7 50.0





#3
Chloromethane
Concen: 19.647 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

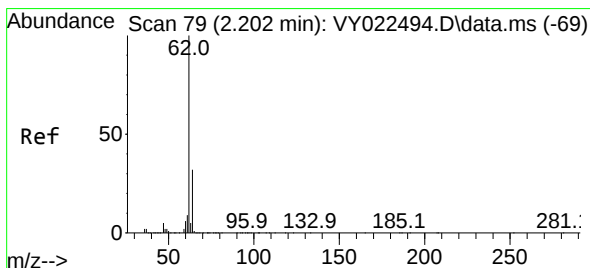
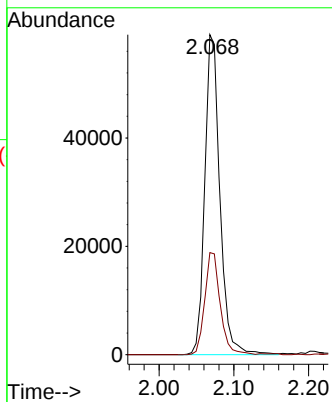
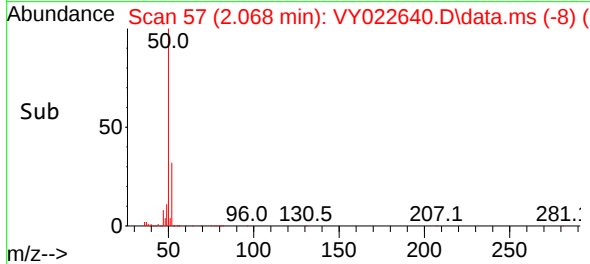
Instrument :
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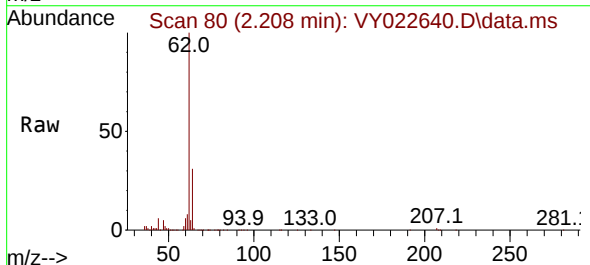
Tgt Ion: 50 Resp: 82963
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0

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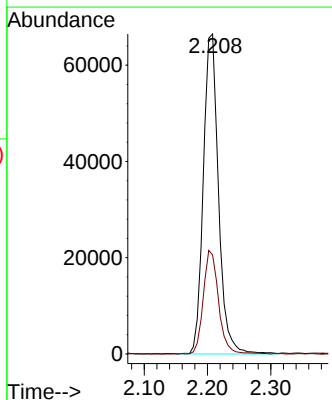
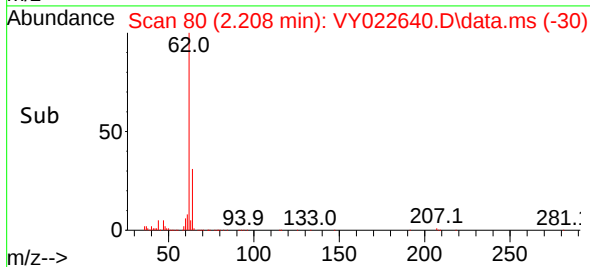
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#4
Vinyl Chloride
Concen: 22.745 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



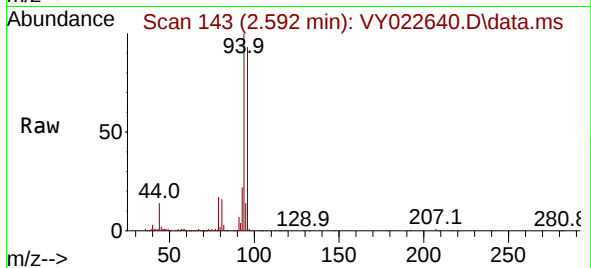
Tgt Ion: 62 Resp: 111423
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9





#5
Bromomethane
Concen: 22.509 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

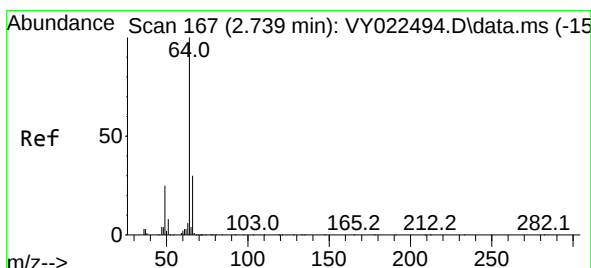
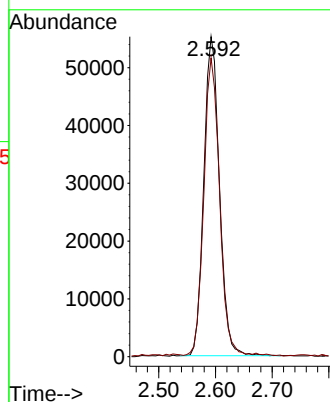
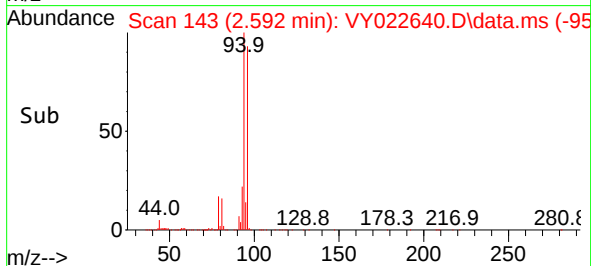
Instrument :
MSVOA_Y
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VY0610SBS01



Tgt Ion: 94 Resp: 10568
Ion Ratio Lower Upper
94 100
96 93.1 74.0 111.0

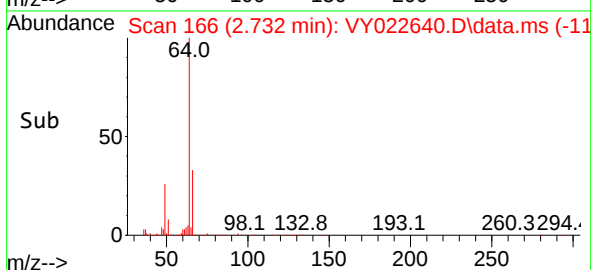
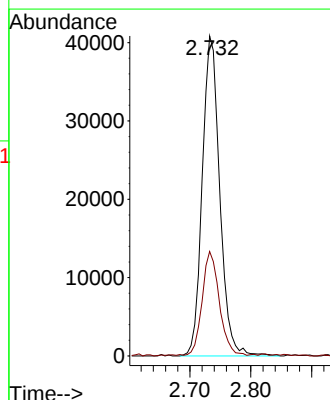
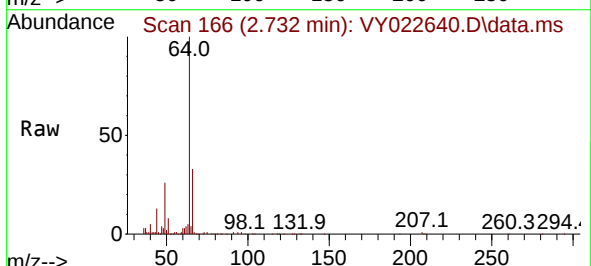
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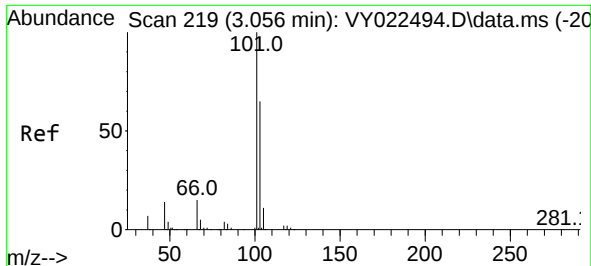
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#6
Chloroethane
Concen: 24.236 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

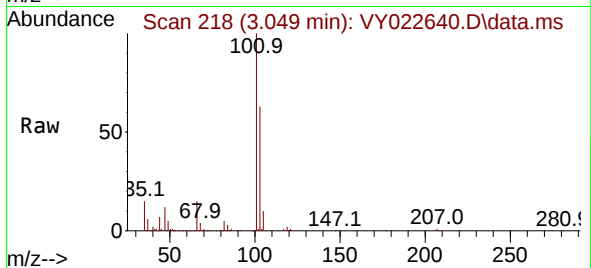
Tgt Ion: 64 Resp: 81489
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6





#7
Trichlorofluoromethane
Concen: 23.788 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022640.D
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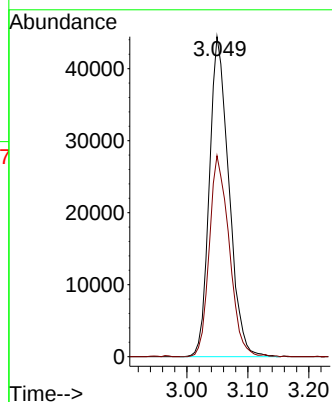
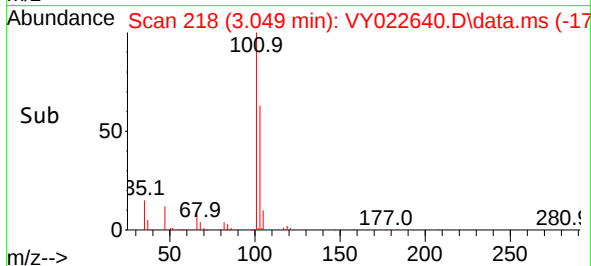
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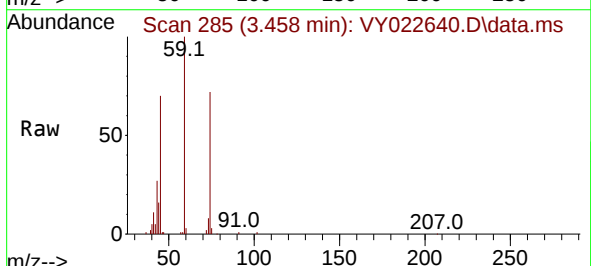
Tgt Ion:101 Resp: 98925
Ion Ratio Lower Upper
101 100
103 62.8 52.2 78.2

Manual Integrations
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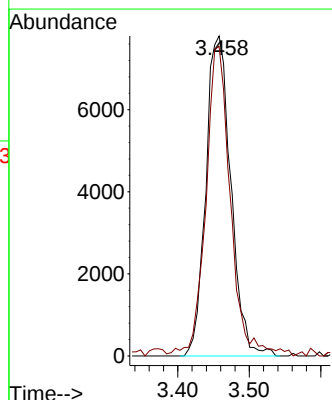
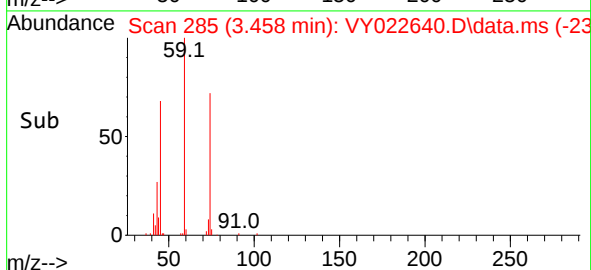
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#8
Diethyl Ether
Concen: 20.242 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion: 74 Resp: 18958
Ion Ratio Lower Upper
74 100
45 93.8 45.9 137.6





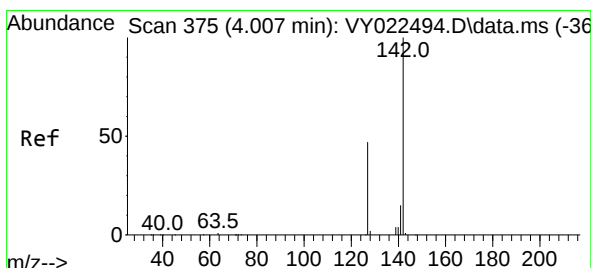
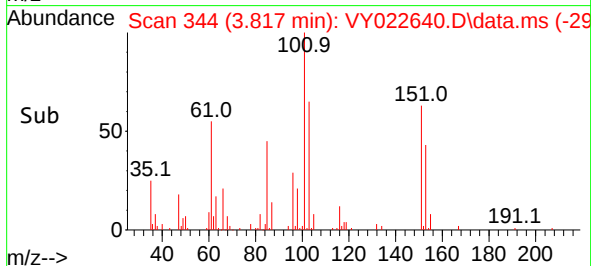
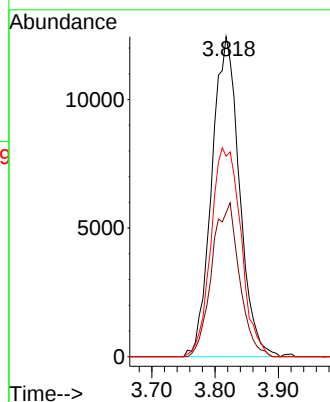
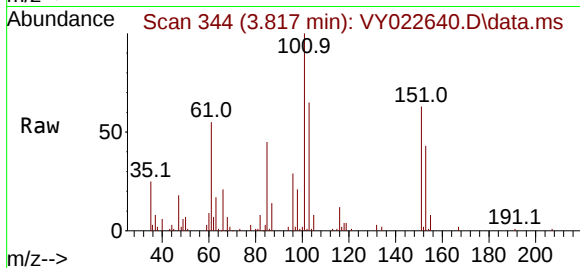
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.525 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022640.D
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Tgt Ion:101 Resp: 3770
Ion Ratio Lower Upper
101 100
85 48.0 39.3 58.9
151 70.9 57.8 86.8

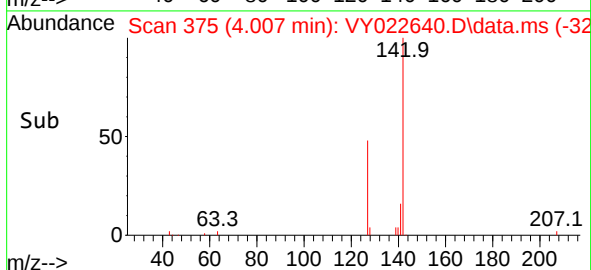
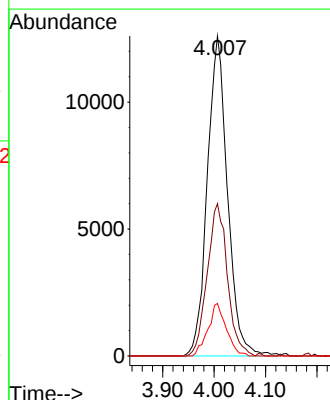
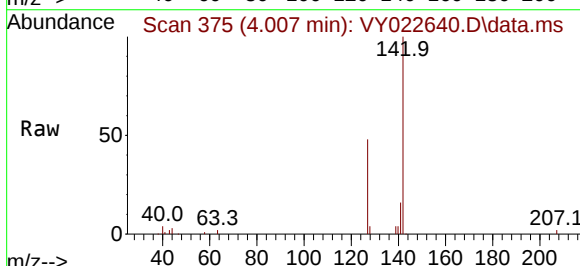
Manual Integrations
APPROVED

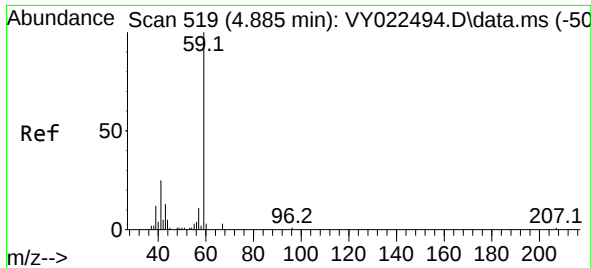
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#10
Methyl Iodide
Concen: 18.176 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:142 Resp: 34451
Ion Ratio Lower Upper
142 100
127 47.5 37.1 55.7
141 14.9 11.4 17.2





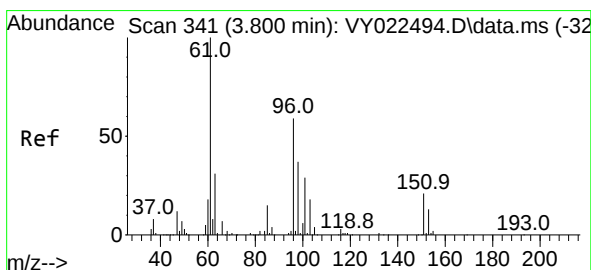
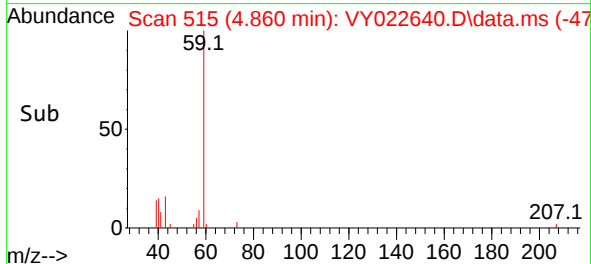
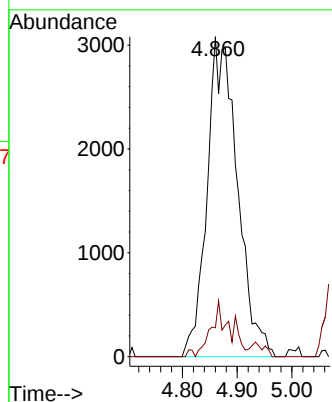
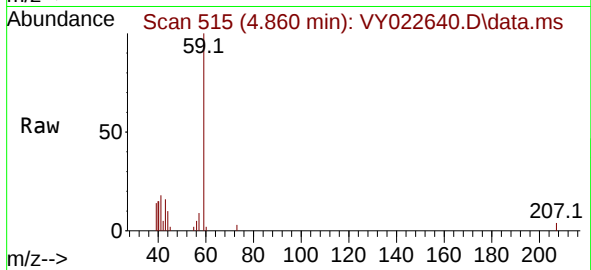
#11
Tert butyl alcohol
Concen: 93.017 ug/l m
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 59 Resp: 1186
Ion Ratio Lower Upper
59 100
57 8.3 8.0 12.0

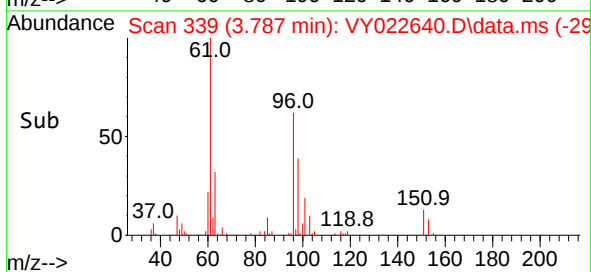
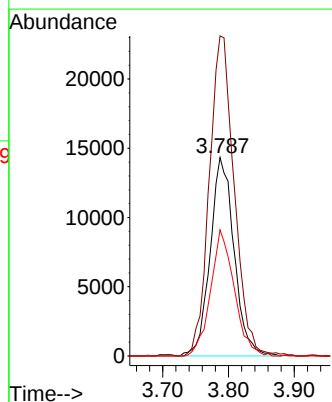
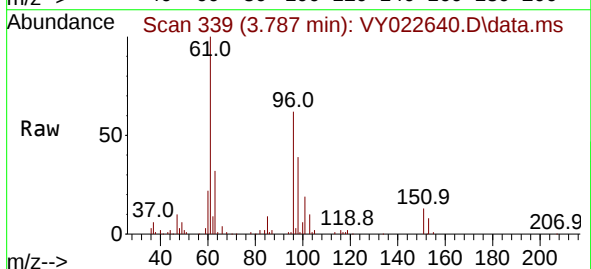
Manual Integrations
APPROVED

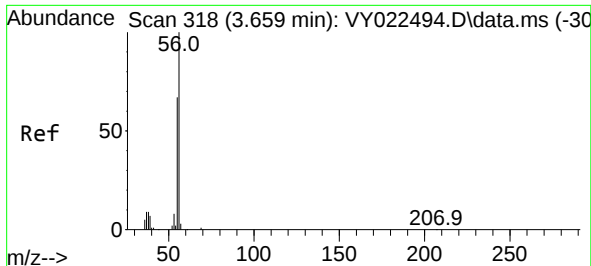
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#12
1,1-Dichloroethene
Concen: 21.653 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 96 Resp: 36252
Ion Ratio Lower Upper
96 100
61 161.3 134.6 201.8
98 63.6 50.2 75.4





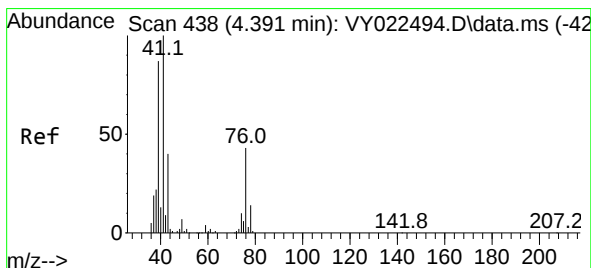
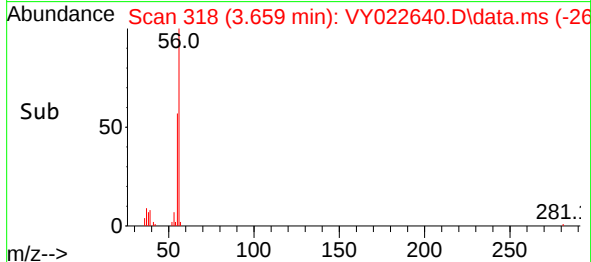
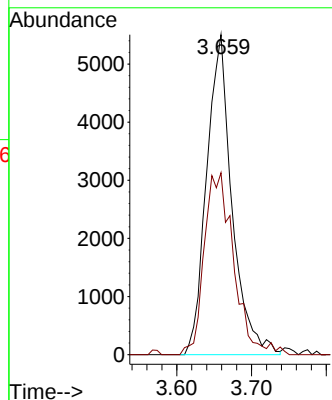
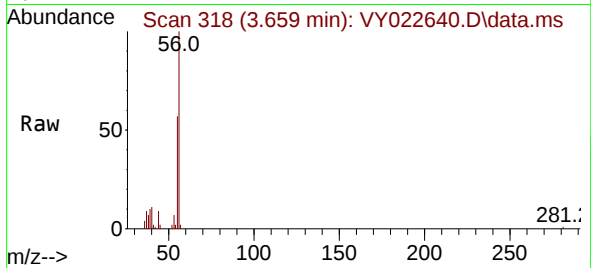
#13
Acrolein
Concen: 81.860 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 56 Resp: 1301
Ion Ratio Lower Upper
56 100
55 64.7 57.0 85.6

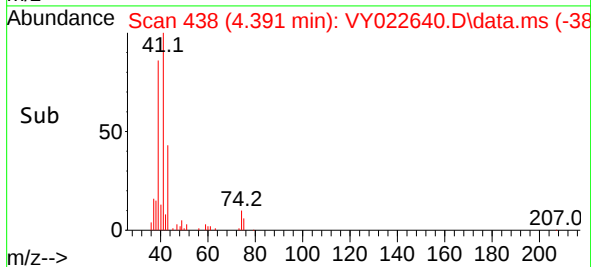
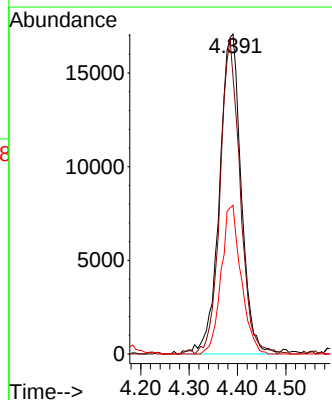
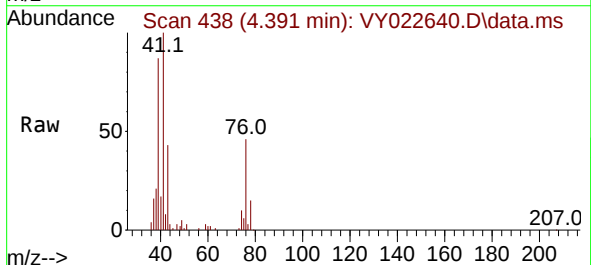
Manual Integrations
APPROVED

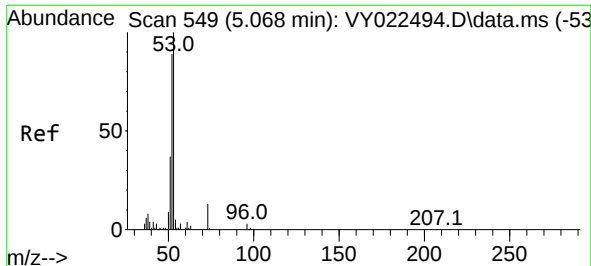
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#14
Allyl chloride
Concen: 20.268 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

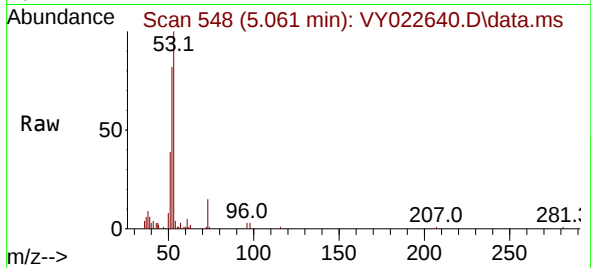
Tgt Ion: 41 Resp: 53270
Ion Ratio Lower Upper
41 100
39 90.2 69.1 103.7
76 42.6 33.5 50.3





#15
Acrylonitrile
Concen: 97.029 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

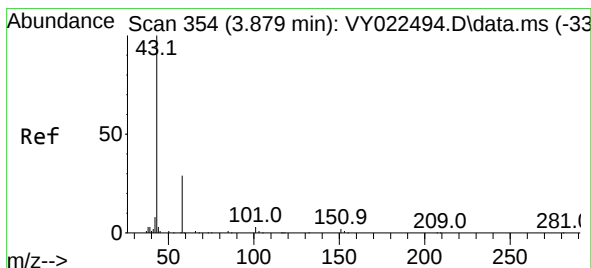
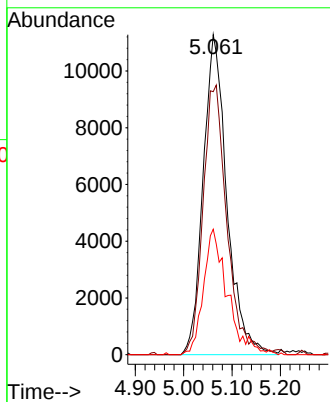
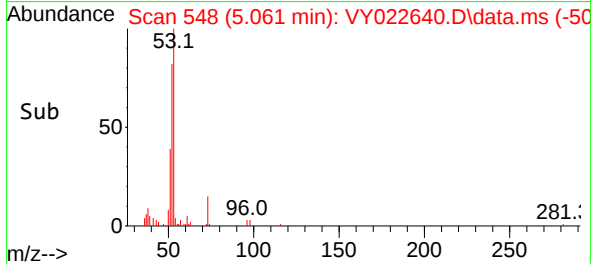
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



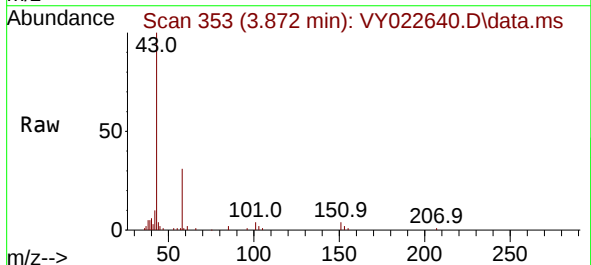
Tgt Ion: 53 Resp: 3848
Ion Ratio Lower Upper
53 100
52 84.3 65.7 98.5
51 39.5 30.1 45.1

Manual Integrations
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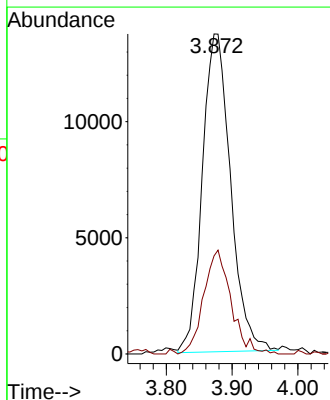
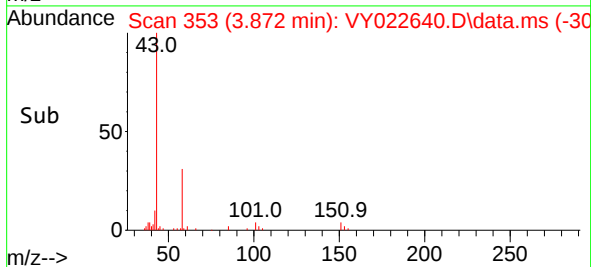
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

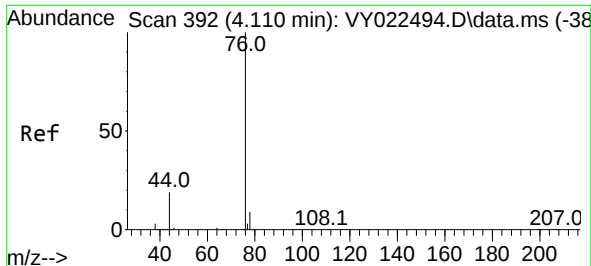


#16
Acetone
Concen: 112.674 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion: 43 Resp: 40860
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0





#17

Carbon Disulfide

Concen: 20.500 ug/l

RT: 4.110 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 76 Resp: 109884

Ion Ratio Lower Upper

76 100

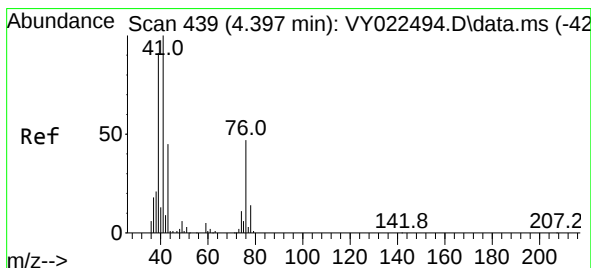
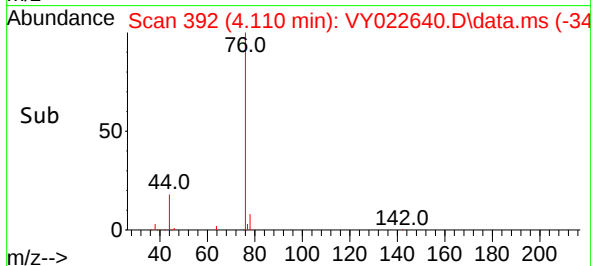
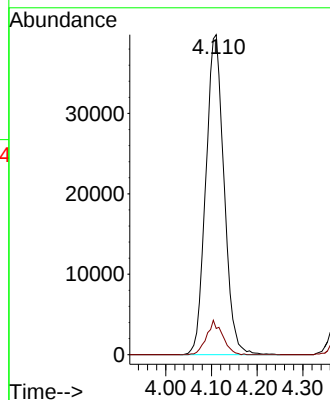
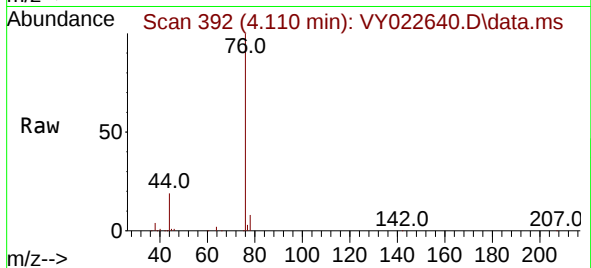
78 8.2 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#18

Methyl Acetate

Concen: 19.625 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY022640.D

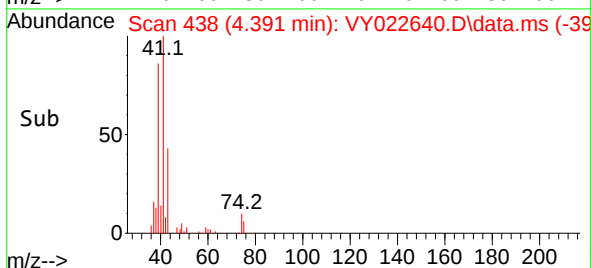
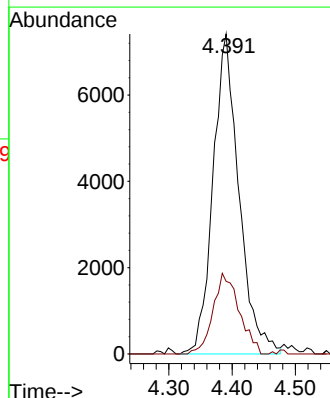
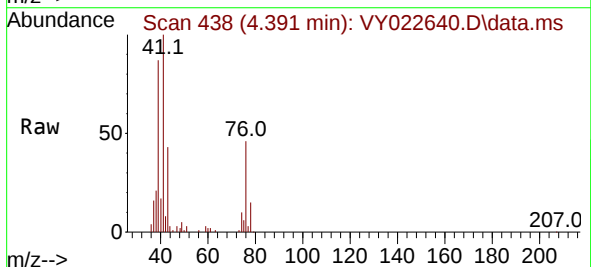
Acq: 10 Jun 2025 10:56

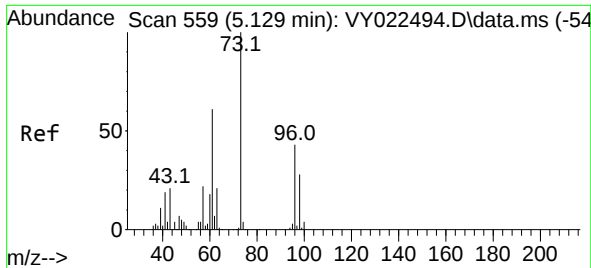
Tgt Ion: 43 Resp: 21075

Ion Ratio Lower Upper

43 100

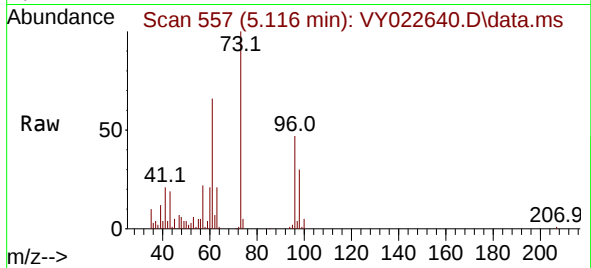
74 25.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 20.261 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

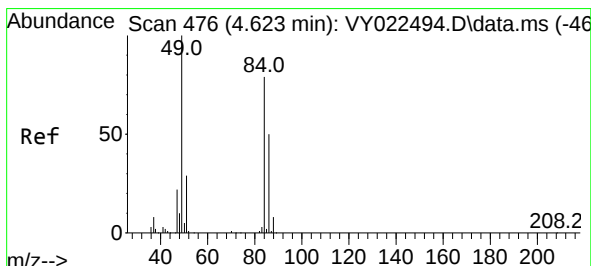
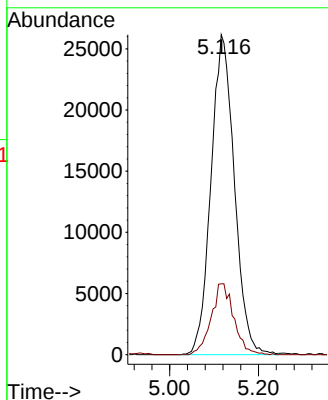
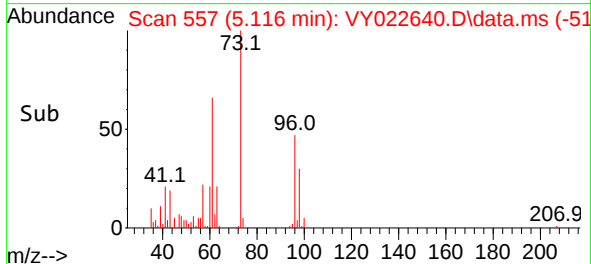
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 73 Resp: 95544
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

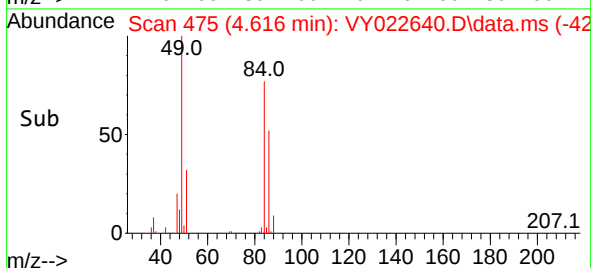
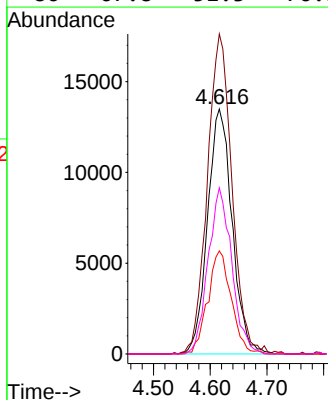
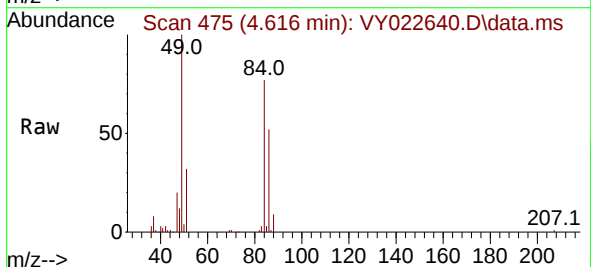
Manual Integrations
APPROVED

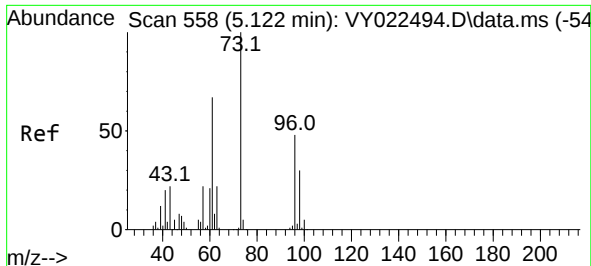
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#20
Methylene Chloride
Concen: 19.700 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 84 Resp: 40580
Ion Ratio Lower Upper
84 100
49 130.7 101.9 152.9
51 42.1 29.8 44.8
86 67.8 51.3 76.9





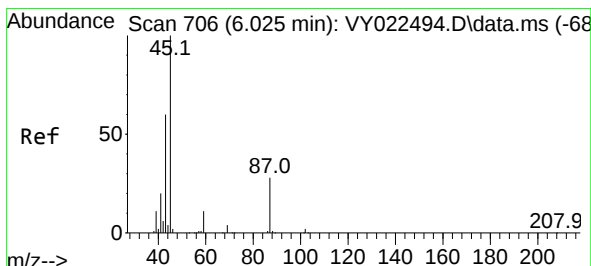
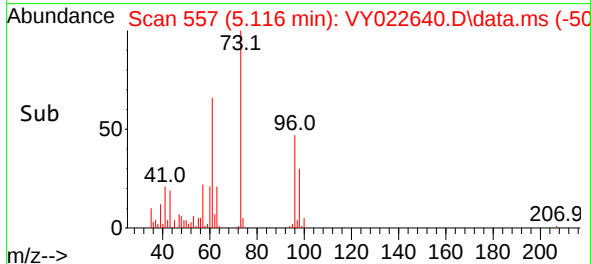
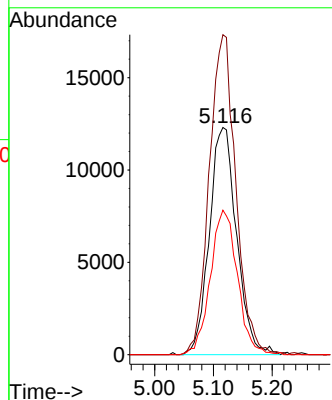
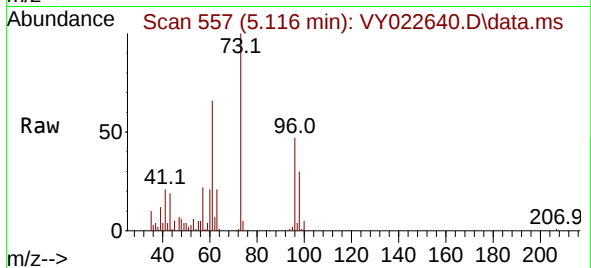
#21
trans-1,2-Dichloroethene
Concen: 21.155 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 96 Resp: 39640
Ion Ratio Lower Upper
96 100
61 140.9 112.6 169.0
98 63.6 50.6 75.8

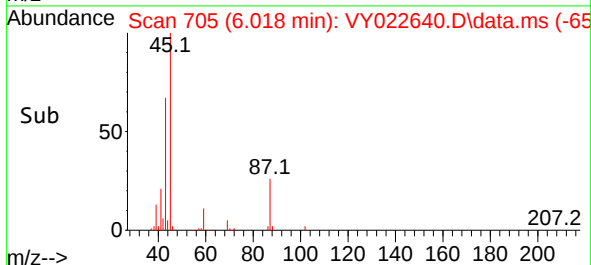
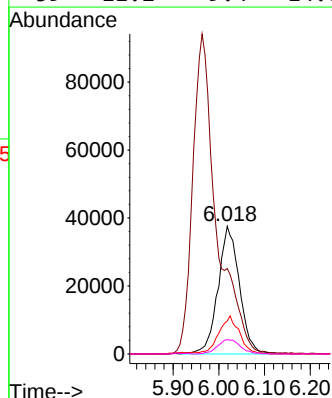
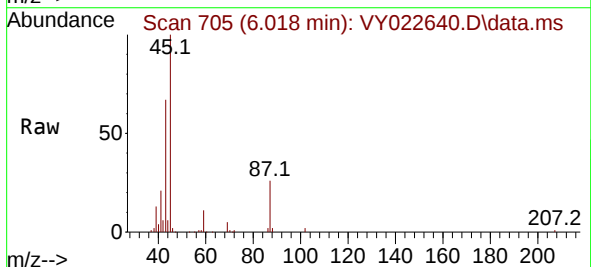
Manual Integrations
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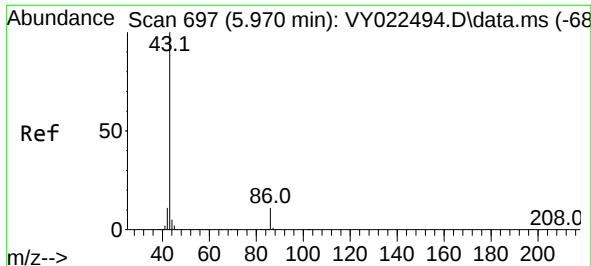
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#22
Diisopropyl ether
Concen: 20.869 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

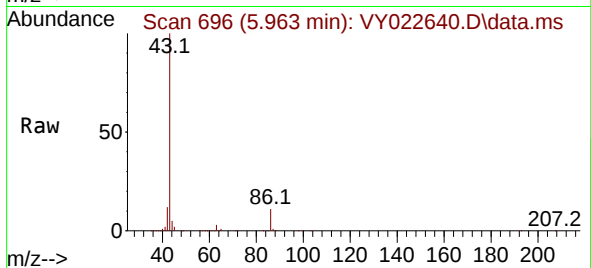
Tgt Ion: 45 Resp: 122094
Ion Ratio Lower Upper
45 100
43 66.1 48.3 72.5
87 25.9 23.0 34.6
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.017 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

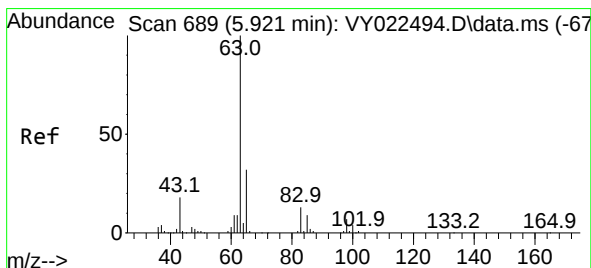
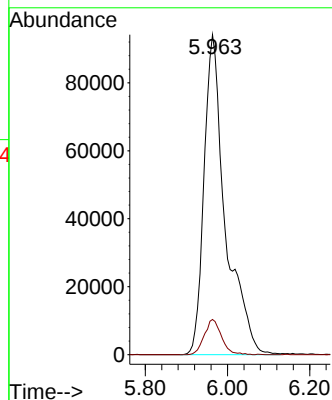
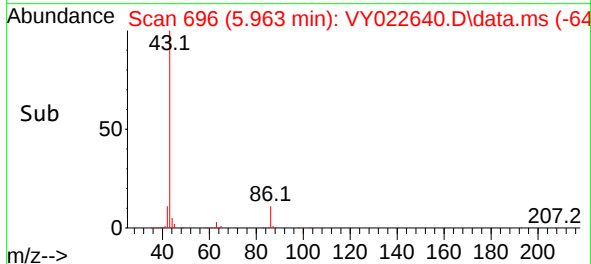
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01



Tgt Ion: 43 Resp: 33940
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

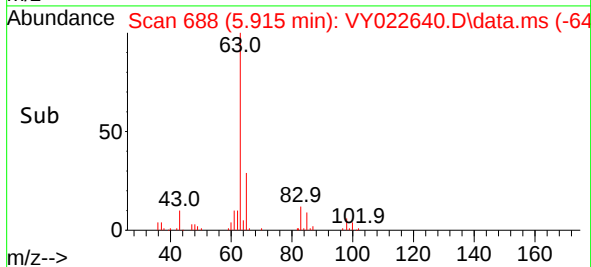
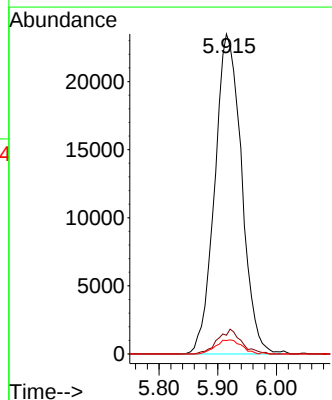
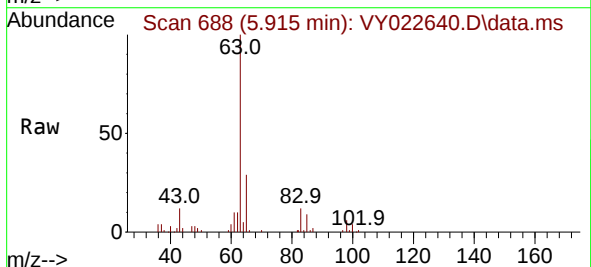
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/10/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025



#24
 1,1-Dichloroethane
 Concen: 21.592 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

Tgt Ion: 63 Resp: 74417
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 105.341 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 43 Resp: 5510

Ion Ratio Lower Upper

43 100

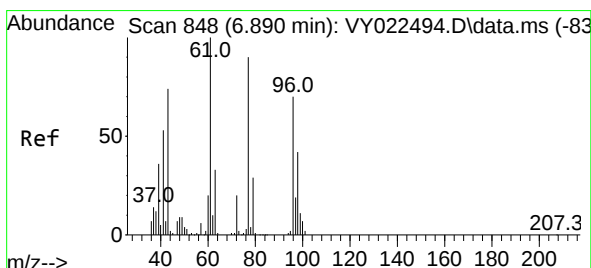
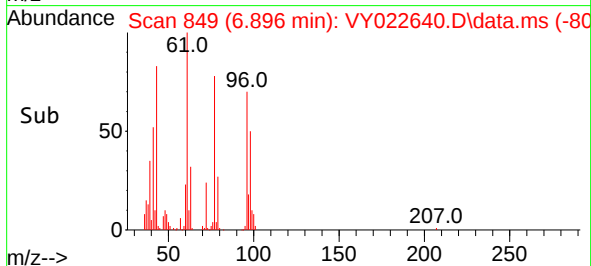
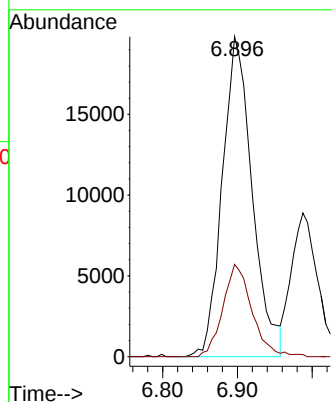
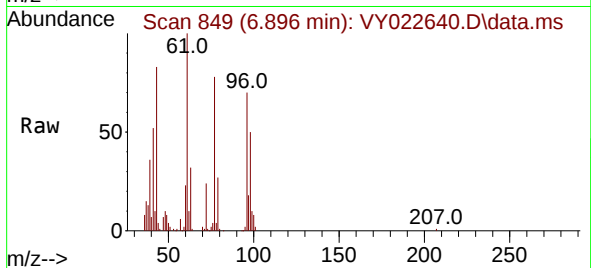
72 28.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#26

2,2-Dichloropropane

Concen: 21.537 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022640.D

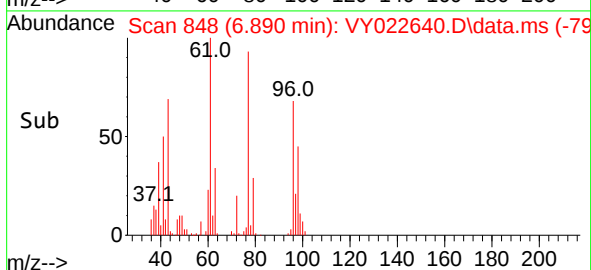
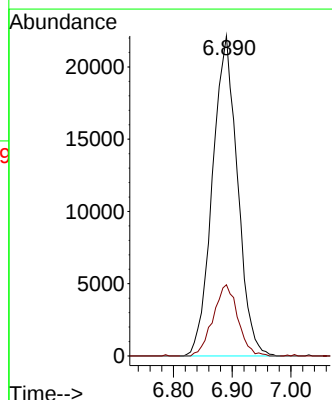
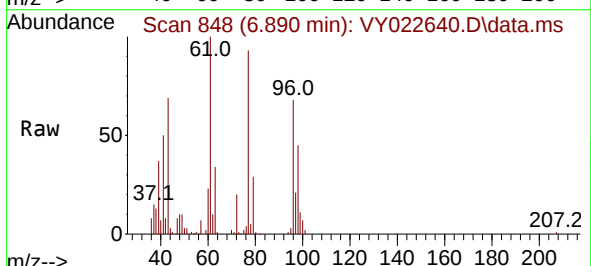
Acq: 10 Jun 2025 10:56

Tgt Ion: 77 Resp: 65585

Ion Ratio Lower Upper

77 100

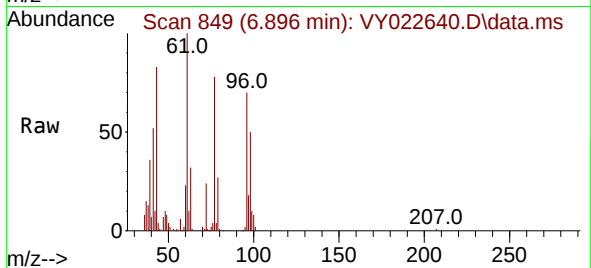
97 21.9 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 21.499 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

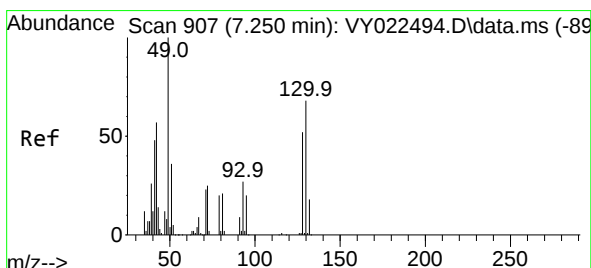
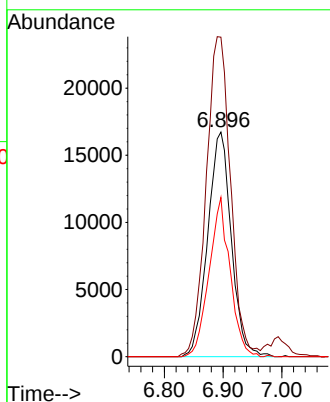
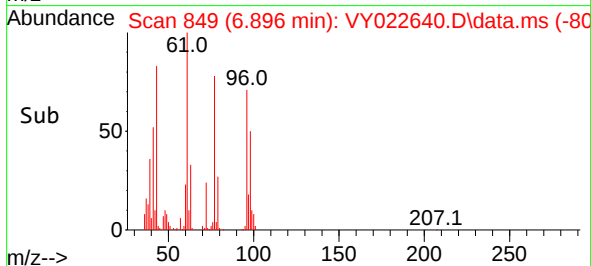
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 96 Resp: 46564
Ion Ratio Lower Upper
96 100
61 147.3 0.0 290.0
98 63.0 0.0 128.4

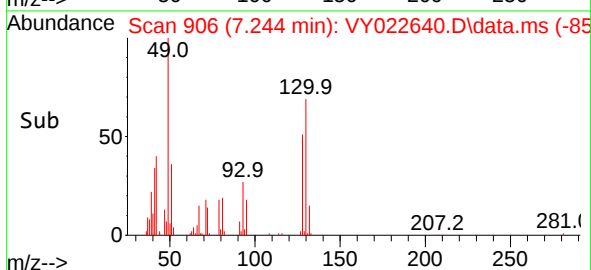
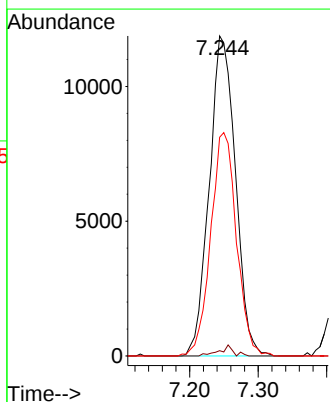
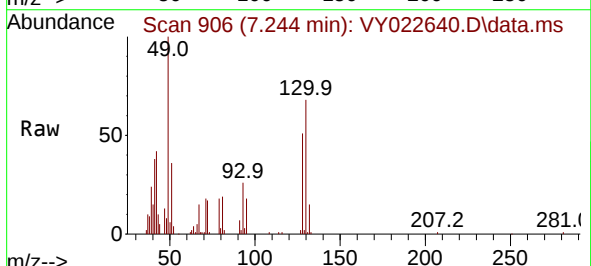
Manual Integrations
APPROVED

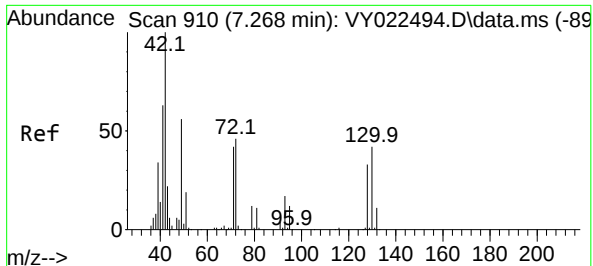
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#28
Bromochloromethane
Concen: 20.957 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 49 Resp: 31486
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 68.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 93.380 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

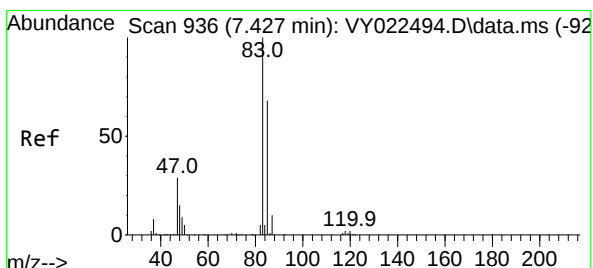
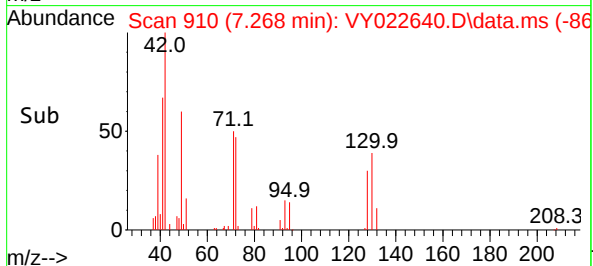
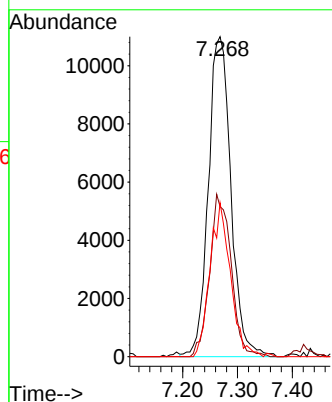
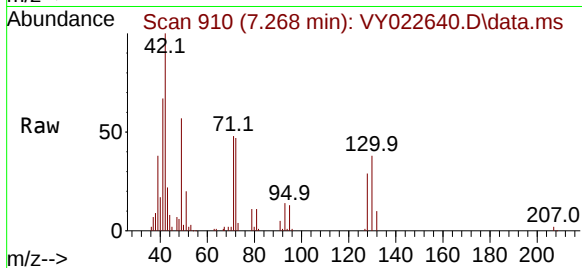
Tgt Ion:	42	Resp:	31504
Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.4	56.2
71	43.5	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#30

Chloroform

Concen: 22.284 ug/l

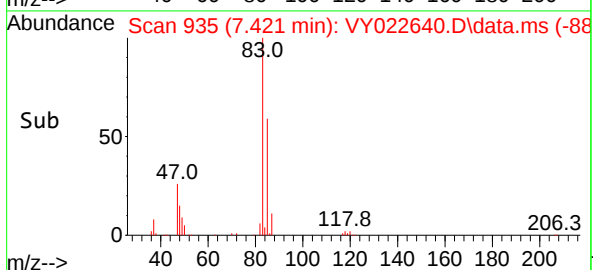
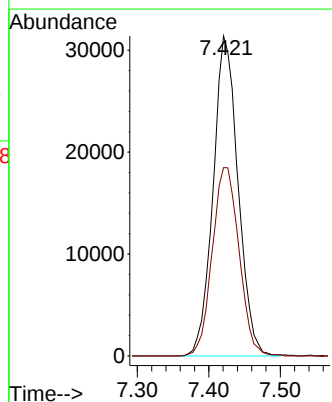
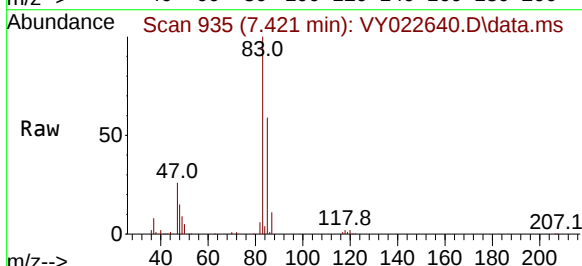
RT: 7.421 min Scan# 935

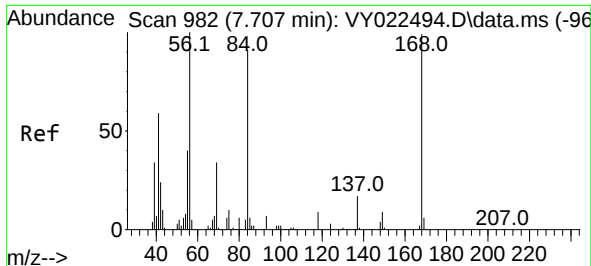
Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

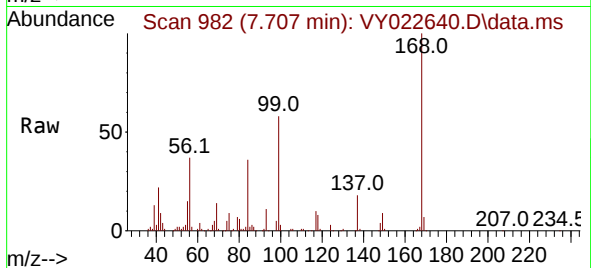
Tgt Ion:	83	Resp:	76072
Ion	Ratio	Lower	Upper
83	100		
85	58.9	54.2	81.4





#31
Cyclohexane
Concen: 19.333 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

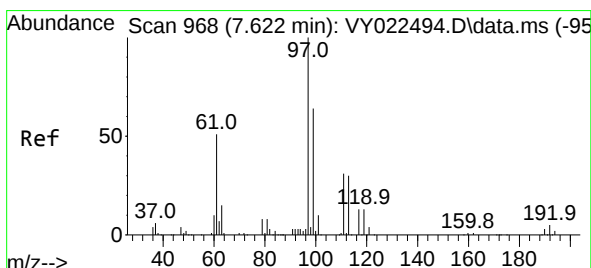
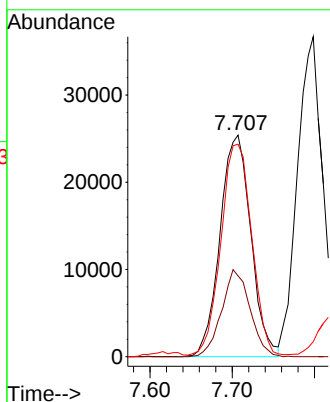
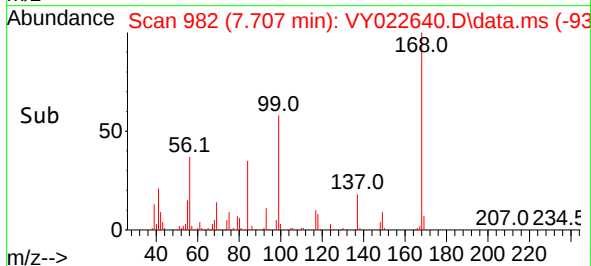
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 56 Resp: 66330
Ion Ratio Lower Upper
56 100
69 36.5 27.0 40.6
84 94.6 72.6 109.0

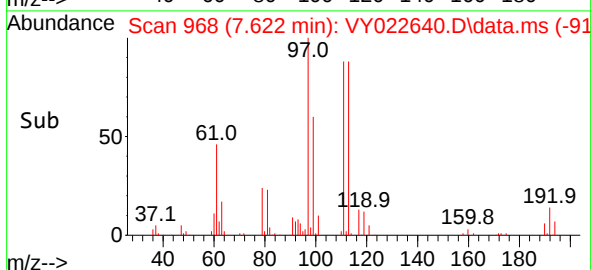
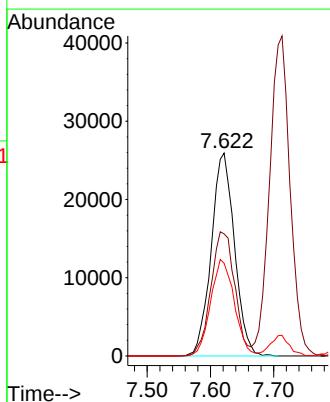
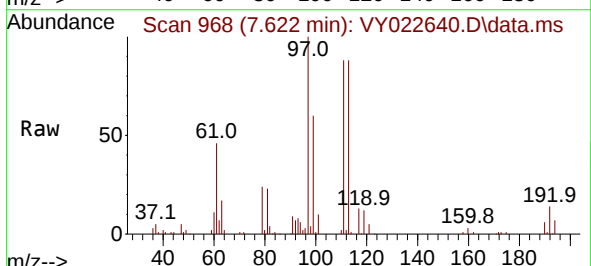
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 21.833 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 97 Resp: 66165
Ion Ratio Lower Upper
97 100
99 63.0 50.9 76.3
61 48.4 38.5 57.7





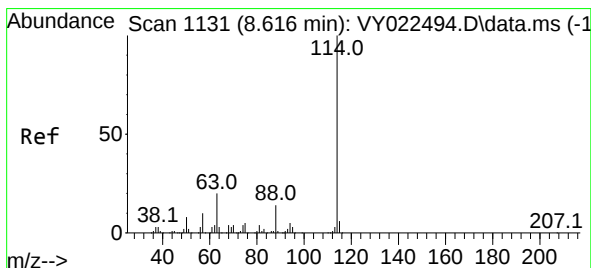
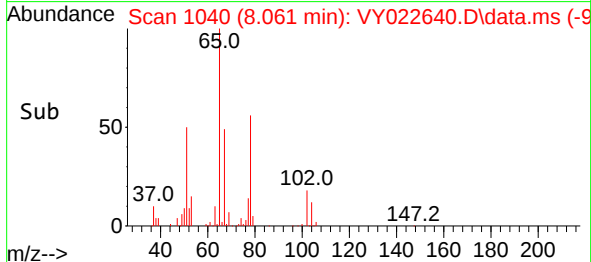
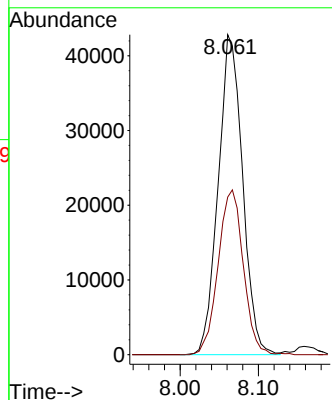
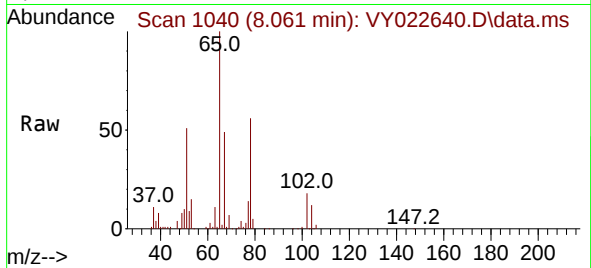
#33
1,2-Dichloroethane-d4
Concen: 51.895 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 65 Resp: 9266
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4

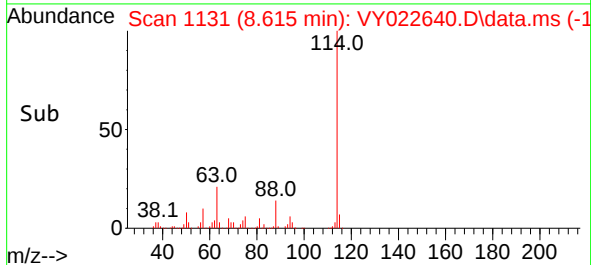
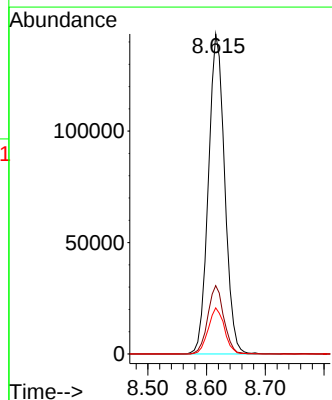
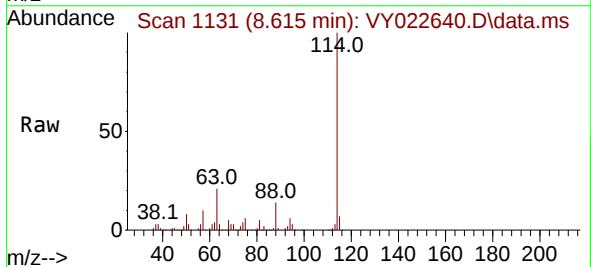
Manual Integrations
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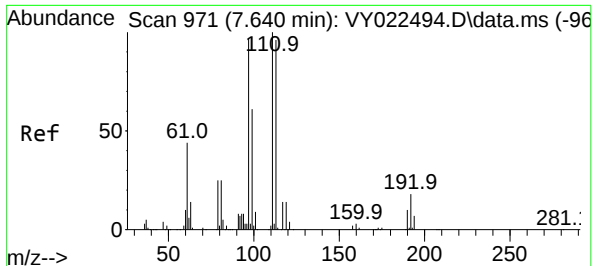
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:114 Resp: 276426
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 14.4 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.372 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 113 Resp: 86410

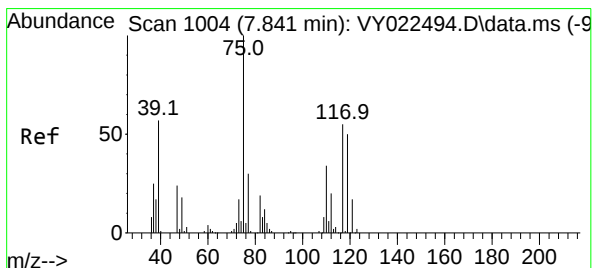
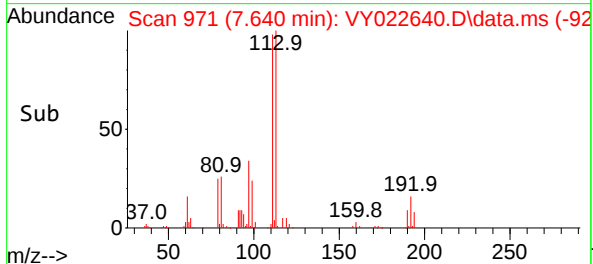
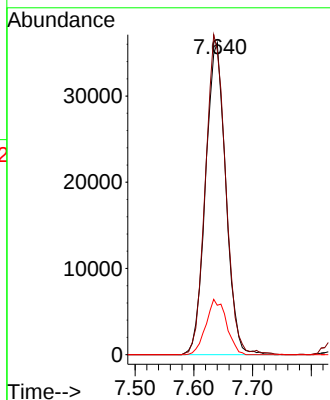
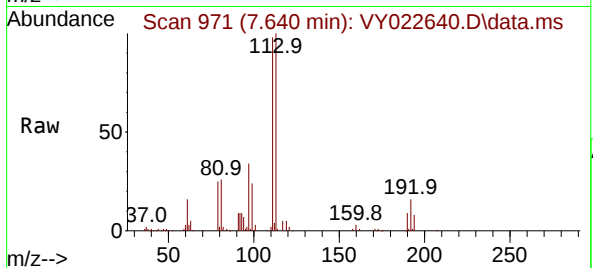
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.0	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#36

1,1-Dichloropropene

Concen: 20.327 ug/l

RT: 7.835 min Scan# 1003

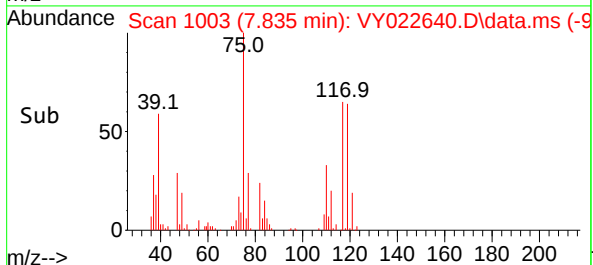
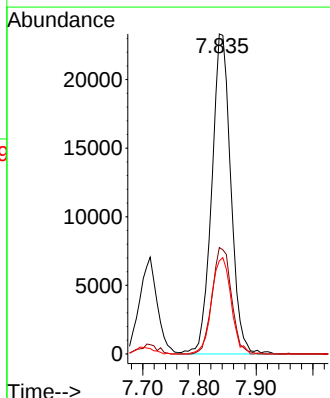
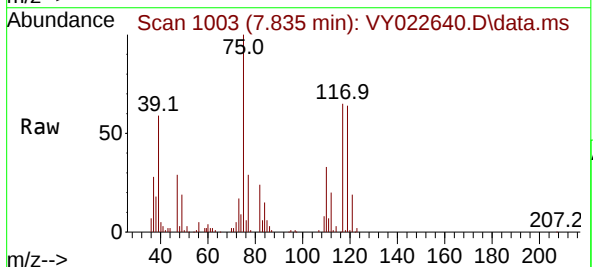
Delta R.T. -0.006 min

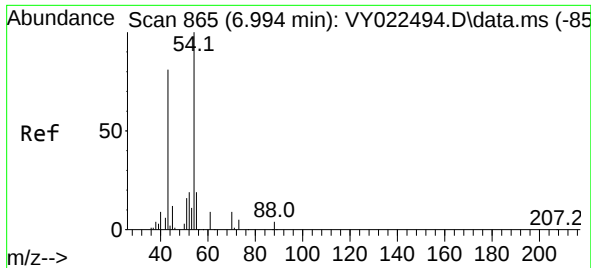
Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion: 75 Resp: 54432

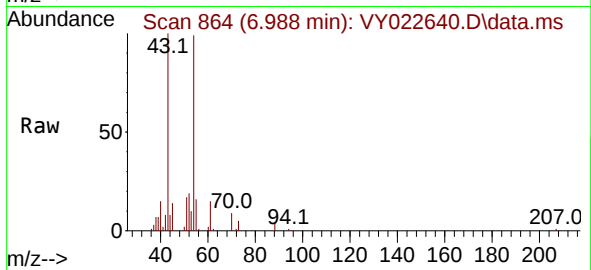
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	30.8	24.8	37.2





#37
Ethyl Acetate
Concen: 19.175 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

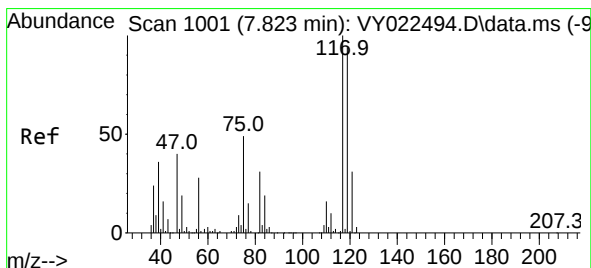
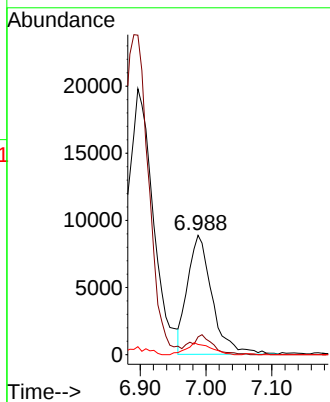
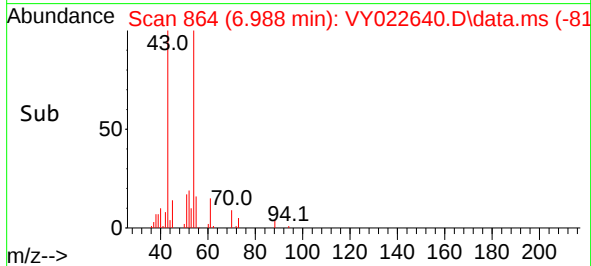
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 9.9 7.2 10.8

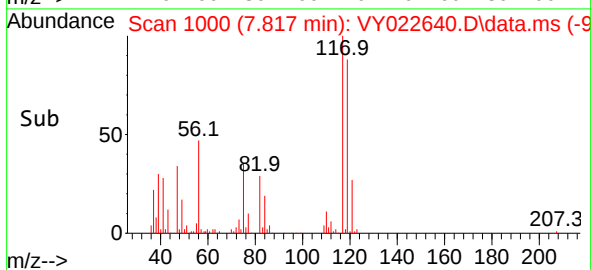
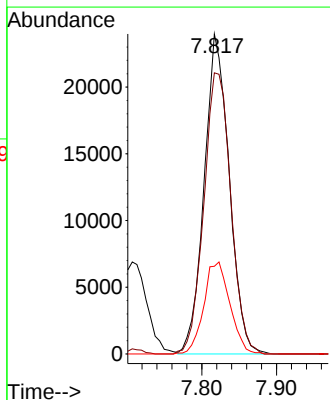
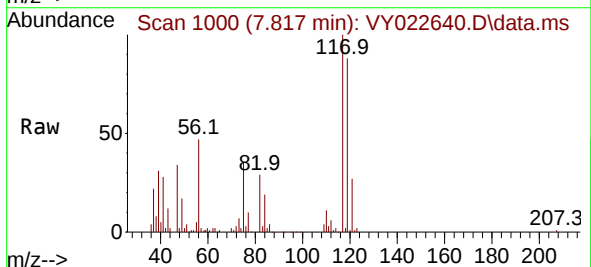
Manual Integrations
APPROVED

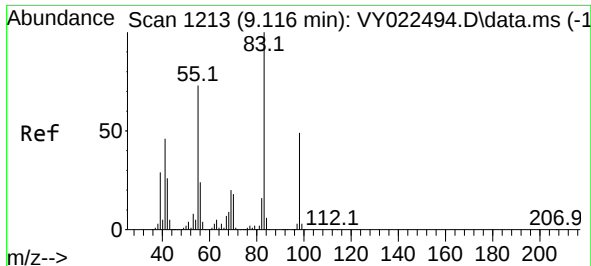
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#38
Carbon Tetrachloride
Concen: 20.365 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:117 Resp: 55944
Ion Ratio Lower Upper
117 100
119 87.9 75.0 112.6
121 27.4 25.0 37.4





#39

Methylcyclohexane

Concen: 19.262 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 83 Resp: 69318

Ion Ratio Lower Upper

83 100

55 76.1 58.1 87.1

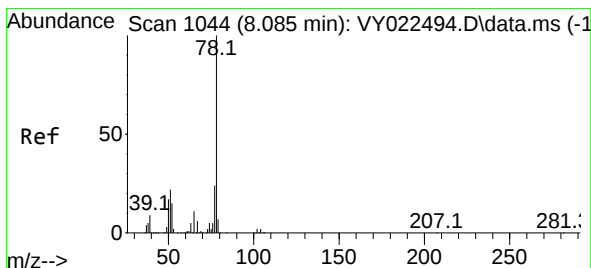
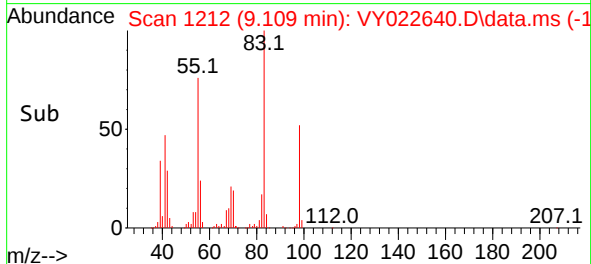
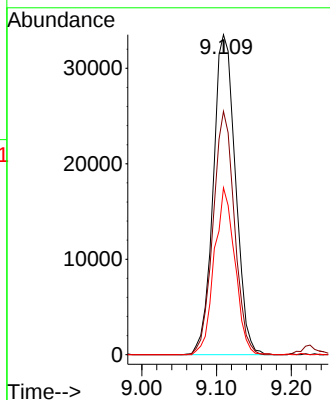
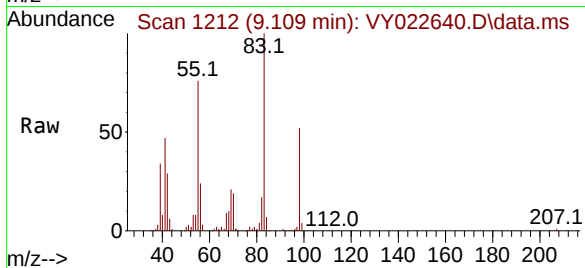
98 52.2 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#40

Benzene

Concen: 21.150 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022640.D

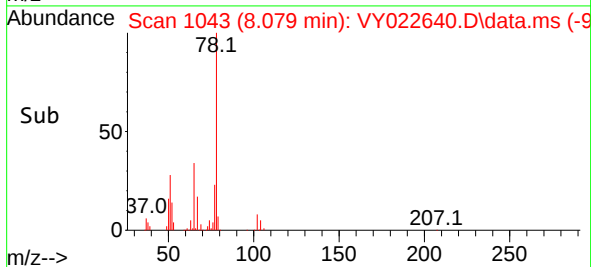
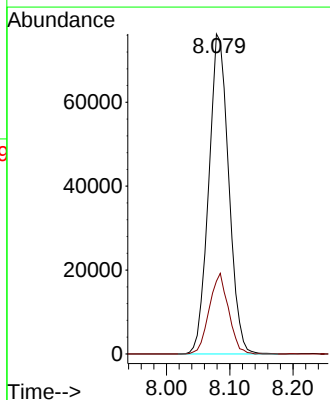
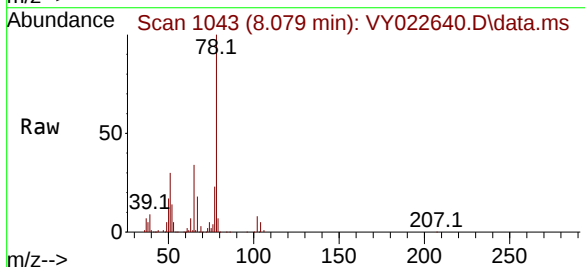
Acq: 10 Jun 2025 10:56

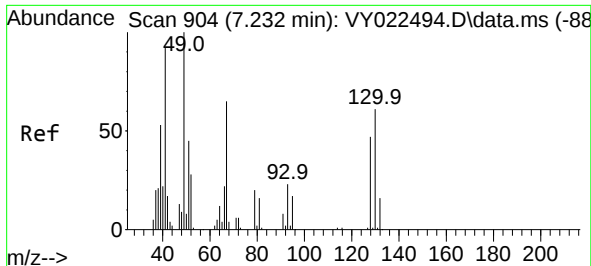
Tgt Ion: 78 Resp: 167280

Ion Ratio Lower Upper

78 100

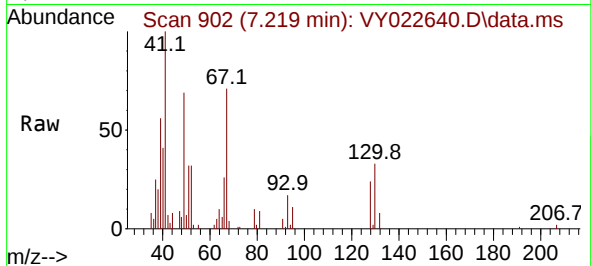
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 19.893 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

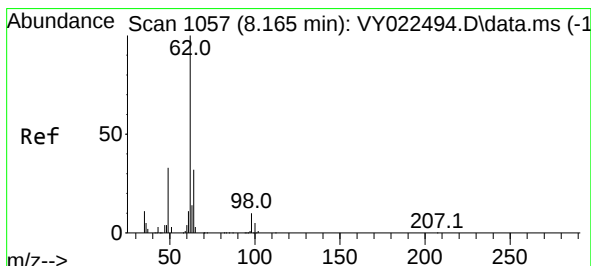
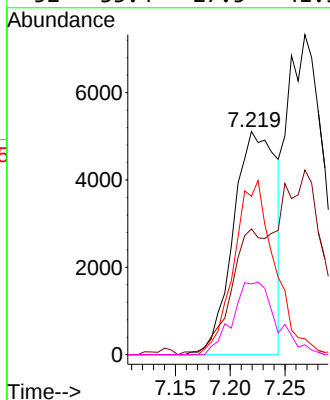
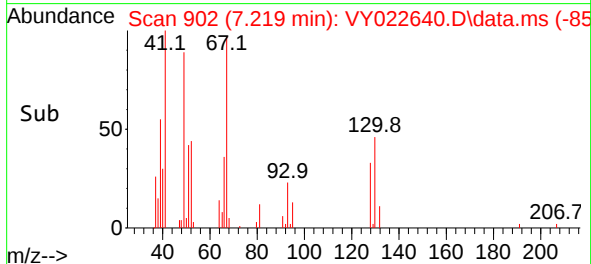
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 41 Resp: 13870
Ion Ratio Lower Upper
41 100
39 44.5 46.6 69.8
67 74.3 63.3 94.9
52 33.4 27.5 41.3

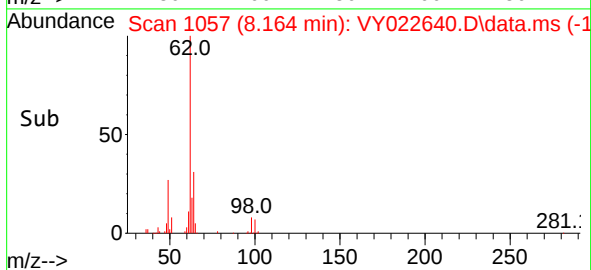
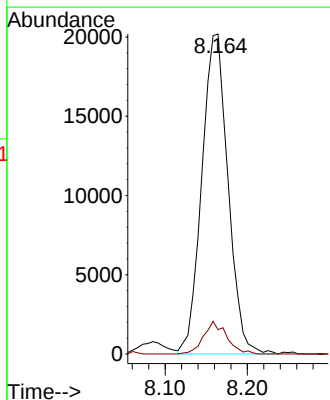
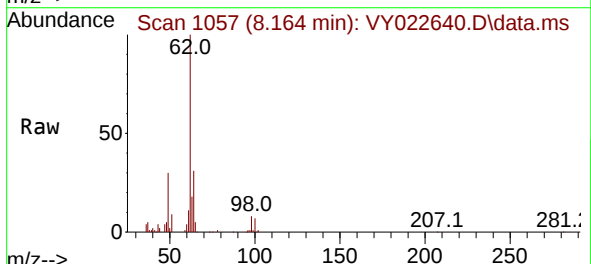
Manual Integrations
APPROVED

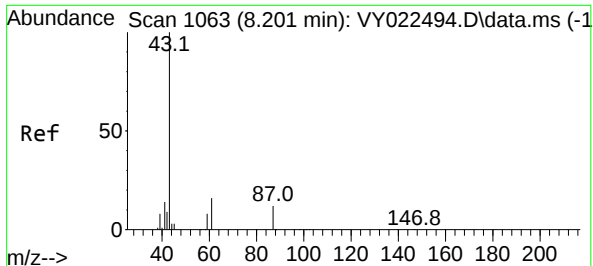
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#42
1,2-Dichloroethane
Concen: 20.752 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

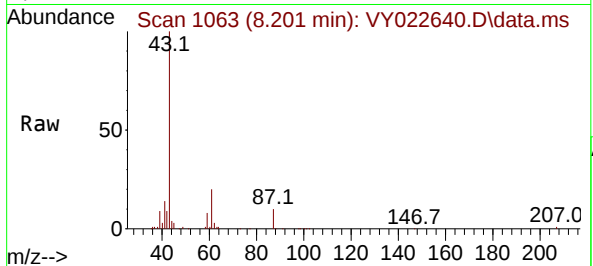
Tgt Ion: 62 Resp: 44816
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.2





#43
Isopropyl Acetate
Concen: 18.600 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

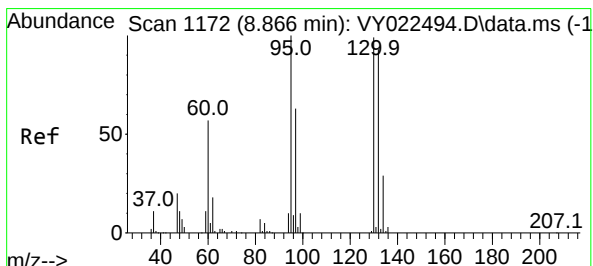
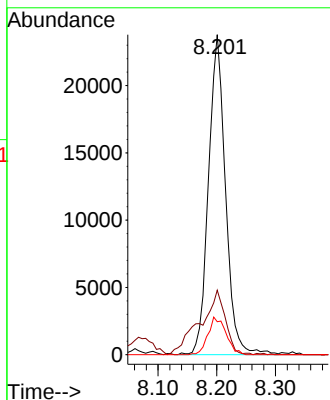
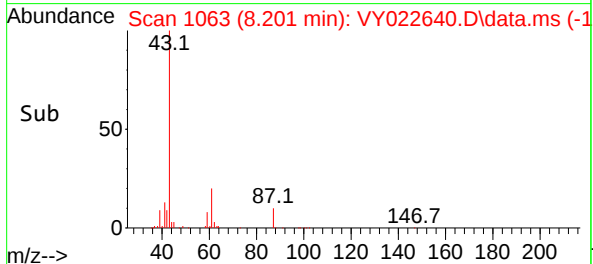
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 4797
Ion Ratio Lower Upper
43 100
61 29.8 15.6 23.4
87 12.5 10.2 15.4

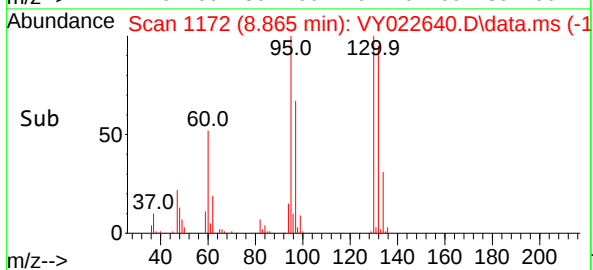
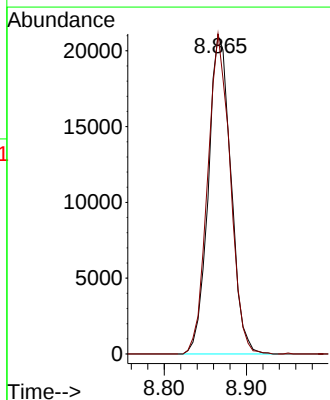
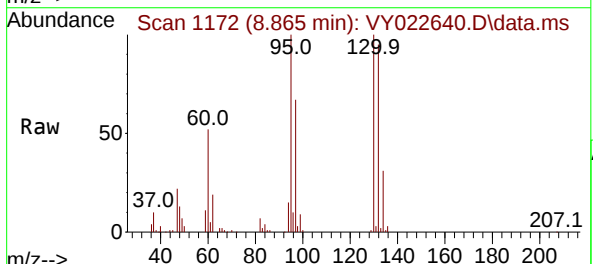
Manual Integrations
APPROVED

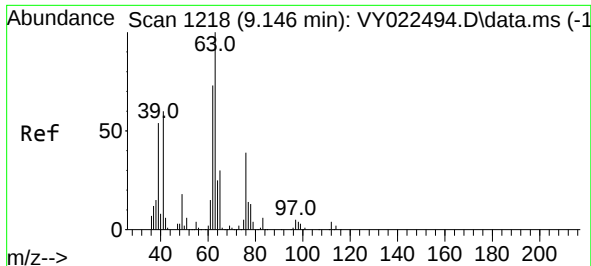
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#44
Trichloroethene
Concen: 20.844 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:130 Resp: 40292
Ion Ratio Lower Upper
130 100
95 100.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.514 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 63 Resp: 4021

Ion Ratio Lower Upper

63 100

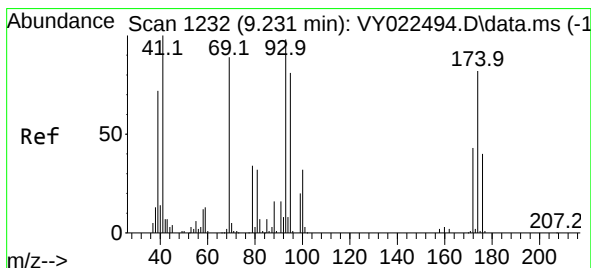
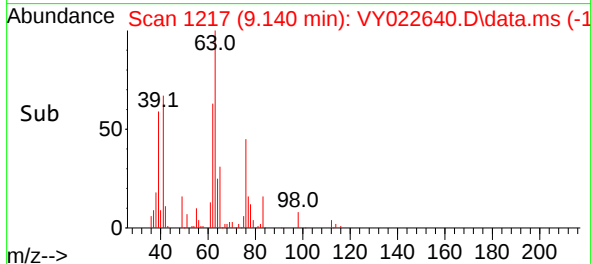
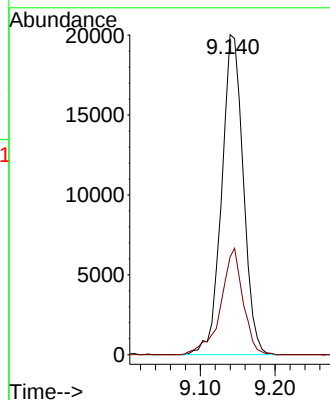
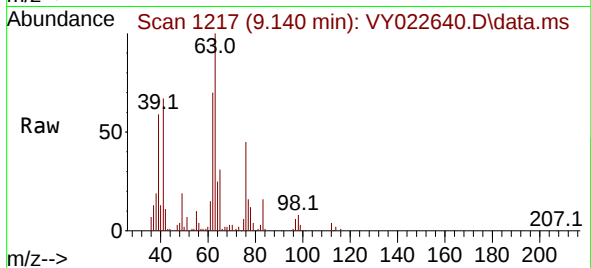
65 30.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#46

Dibromomethane

Concen: 21.291 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

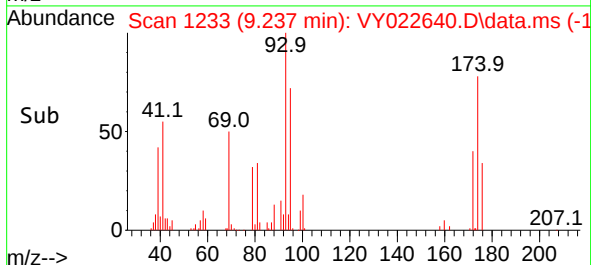
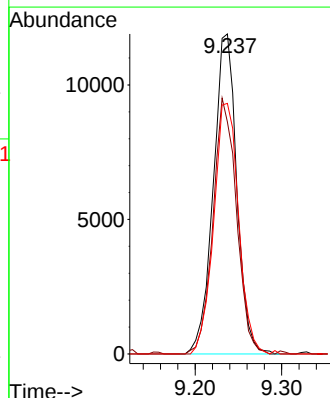
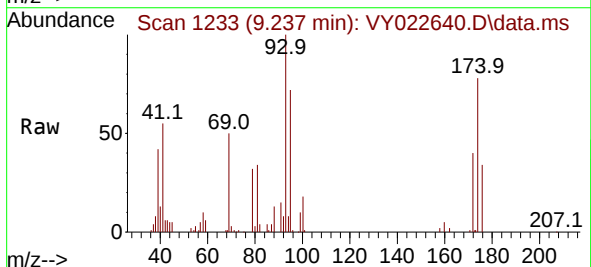
Tgt Ion: 93 Resp: 22390

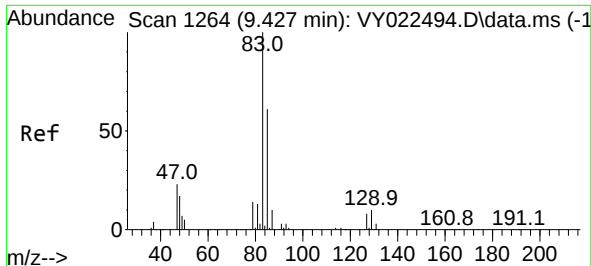
Ion Ratio Lower Upper

93 100

95 79.9 65.6 98.4

174 82.9 70.4 105.6





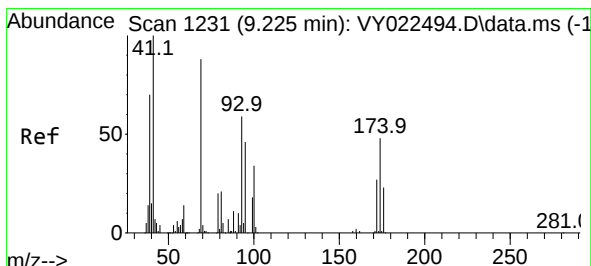
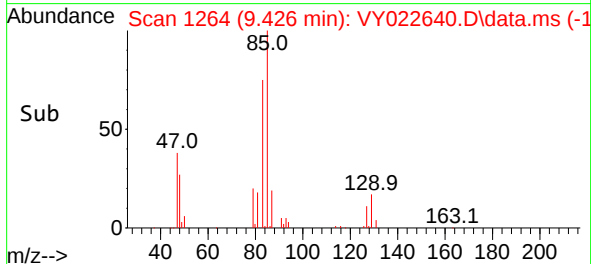
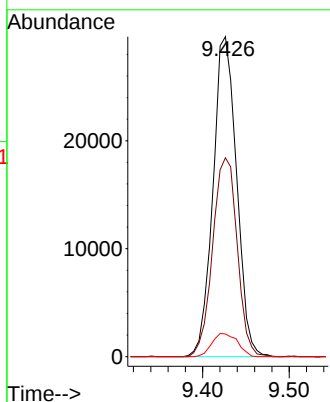
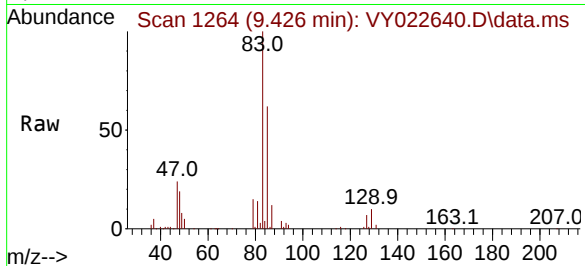
#47
Bromodichloromethane
Concen: 21.048 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 83 Resp: 5612
Ion Ratio Lower Upper
83 100
85 62.1 49.1 73.7
127 7.1 6.2 9.4

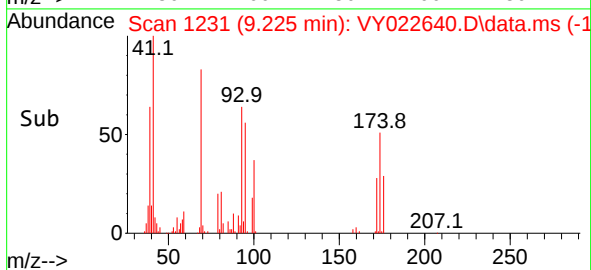
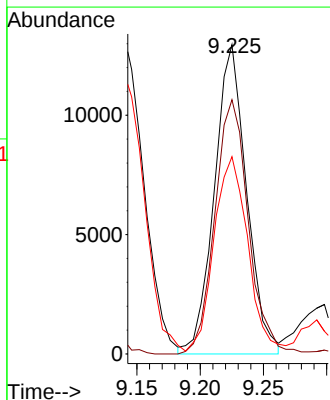
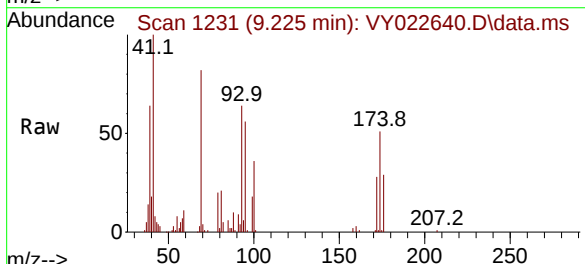
Manual Integrations
APPROVED

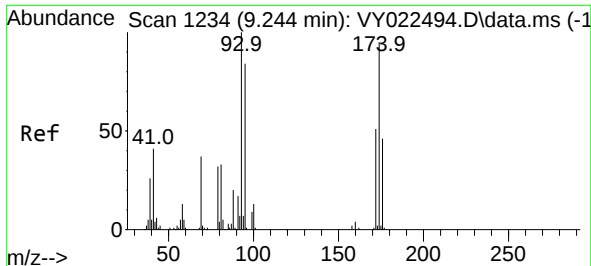
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#48
Methyl methacrylate
Concen: 18.943 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 41 Resp: 22929
Ion Ratio Lower Upper
41 100
69 85.8 67.8 101.8
39 66.1 55.0 82.4





#49

1,4-Dioxane

Concen: 339.613 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

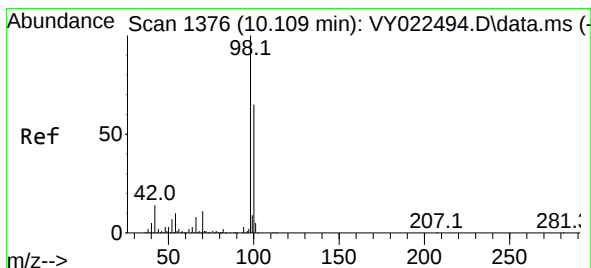
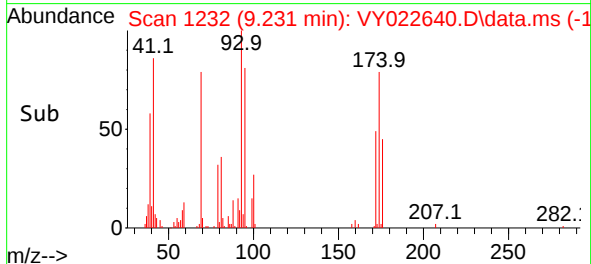
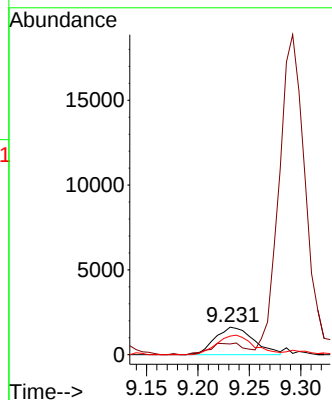
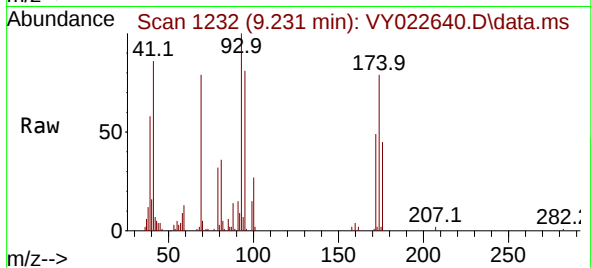
Tgt Ion: 88	Resp: 423
Ion Ratio	Lower Upper
88 100	
43 38.7	25.4 38.2
58 67.4	54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#50

Toluene-d8

Concen: 52.215 ug/l

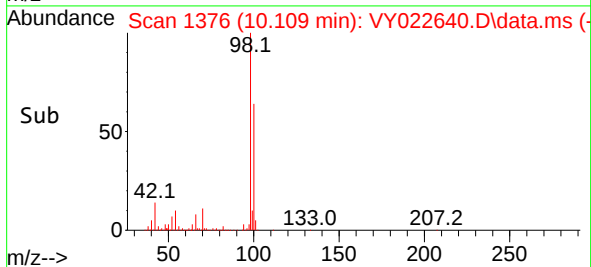
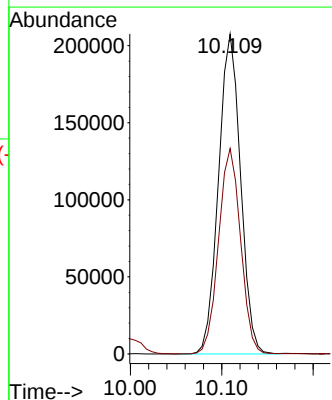
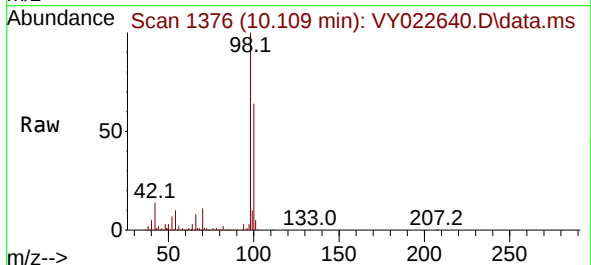
RT: 10.109 min Scan# 1376

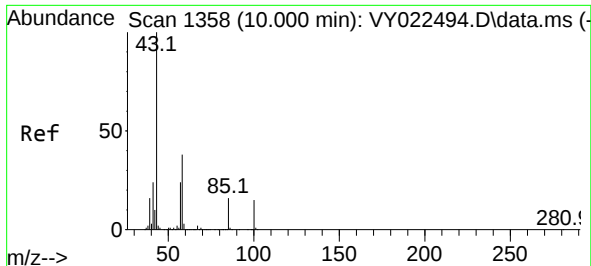
Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

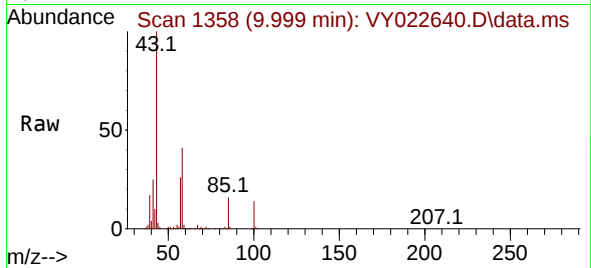
Tgt Ion: 98	Resp: 348107
Ion Ratio	Lower Upper
98 100	
100 64.2	51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 93.102 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

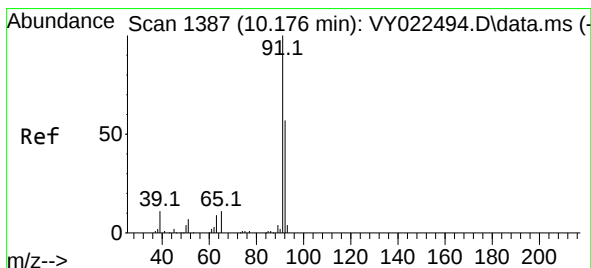
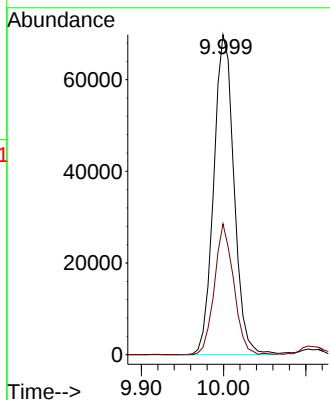
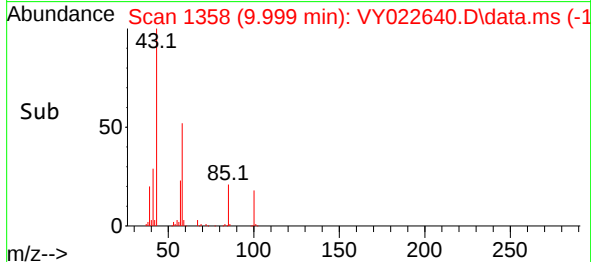
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 119710
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

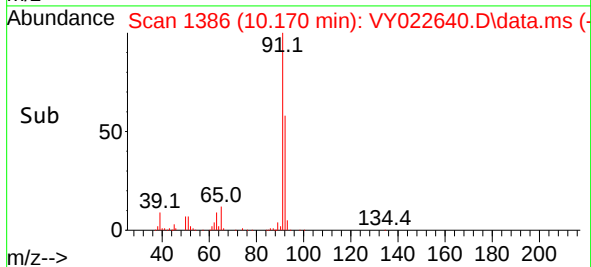
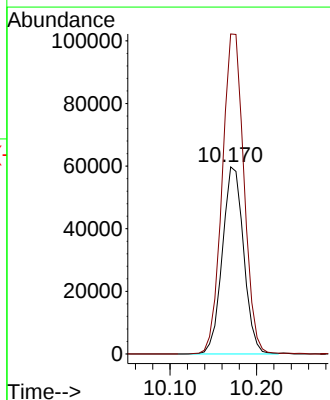
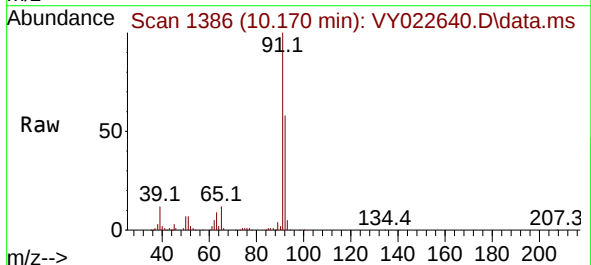
Manual Integrations
APPROVED

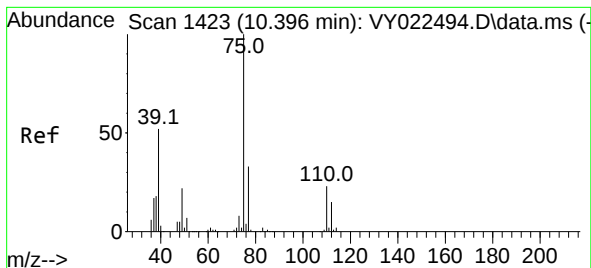
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#52
Toluene
Concen: 20.513 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

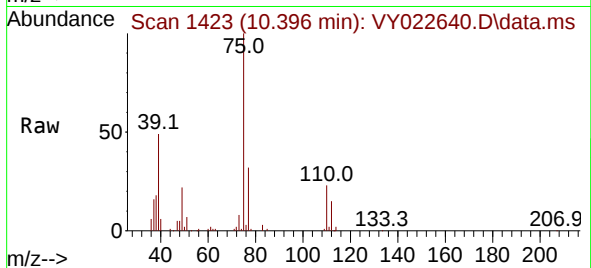
Tgt Ion: 92 Resp: 101960
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 19.383 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

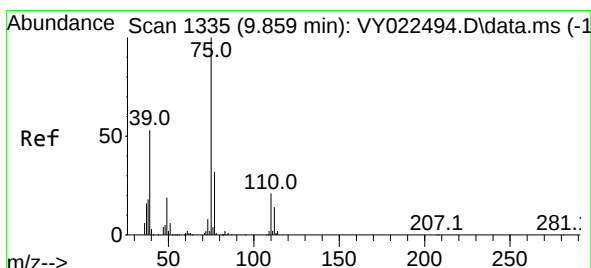
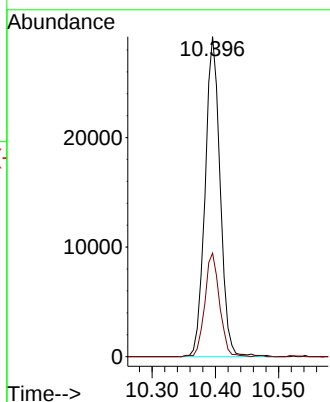
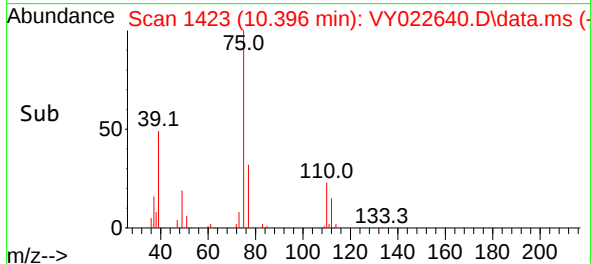
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



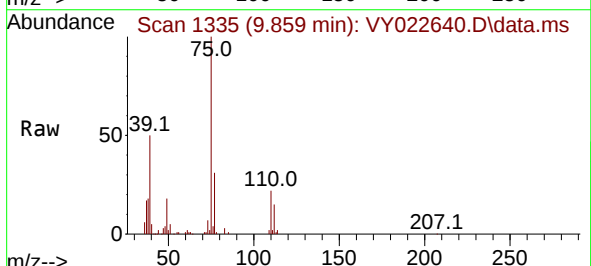
Tgt Ion: 75 Resp: 4842
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7

Manual Integrations
APPROVED

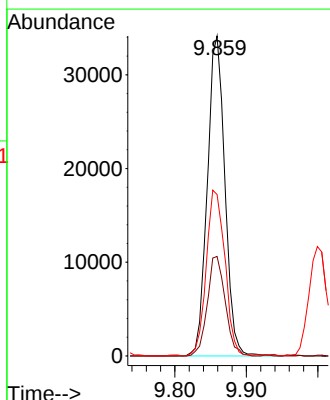
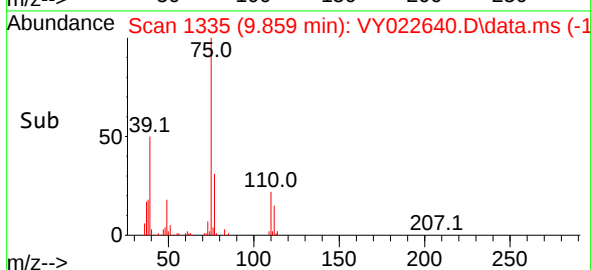
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

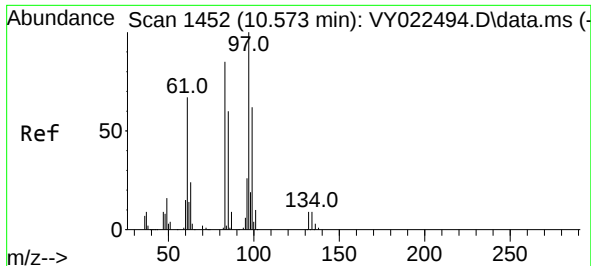


#54
cis-1,3-Dichloropropene
Concen: 20.005 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



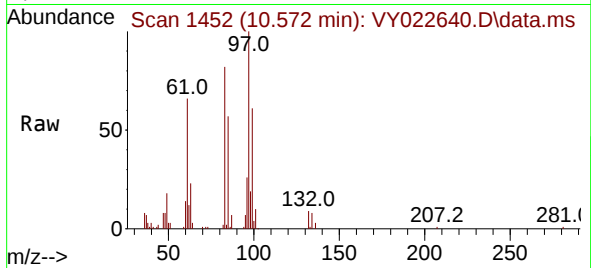
Tgt Ion: 75 Resp: 58179
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 50.3 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 20.568 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

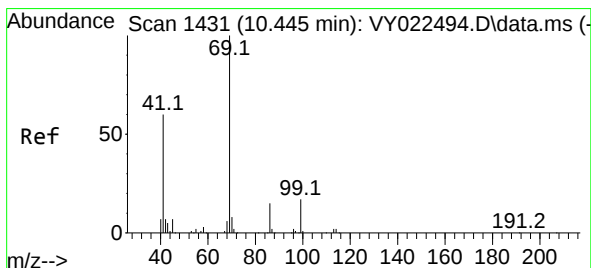
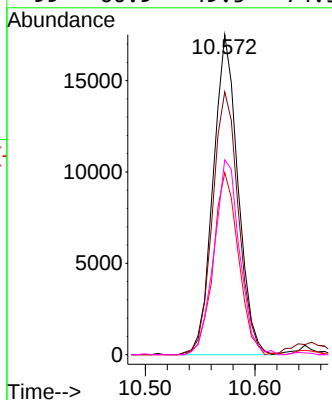
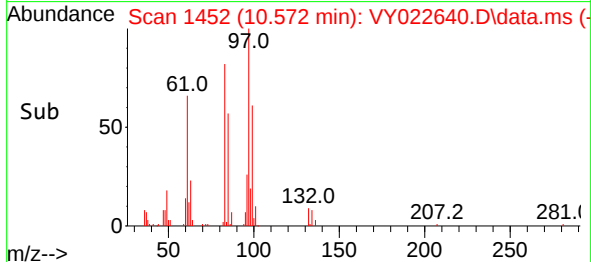
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



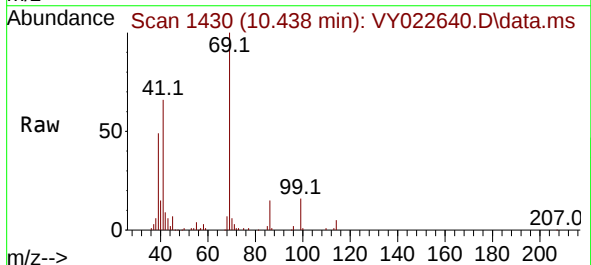
Tgt Ion: 97 Resp: 27580
Ion Ratio Lower Upper
97 100
83 82.2 68.1 102.1
85 56.9 48.2 72.2
99 60.9 49.5 74.3

Manual Integrations
APPROVED

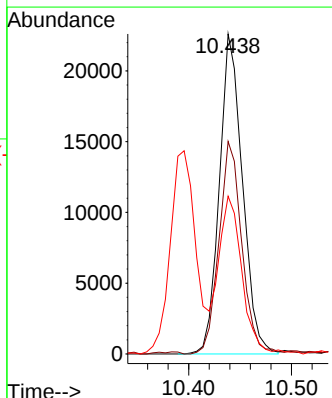
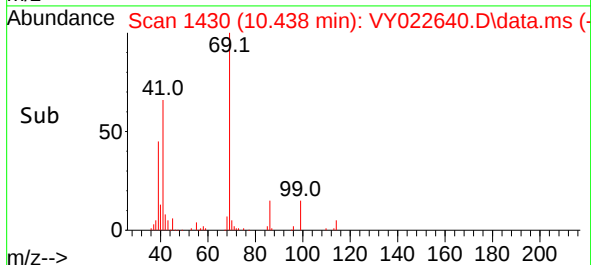
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

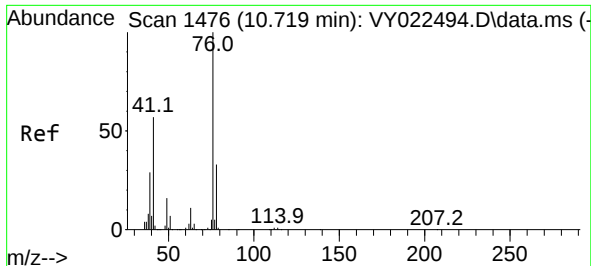


#56
Ethyl methacrylate
Concen: 18.159 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion: 69 Resp: 35194
Ion Ratio Lower Upper
69 100
41 65.7 52.2 78.2
39 49.5 36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.937 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 76 Resp: 49760

Ion Ratio Lower Upper

76 100

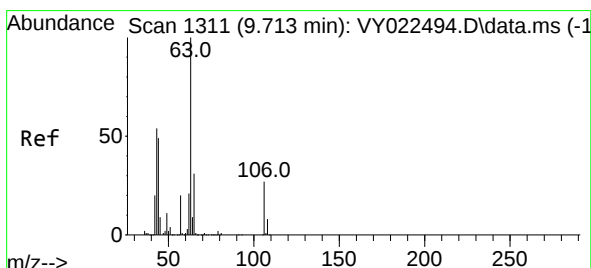
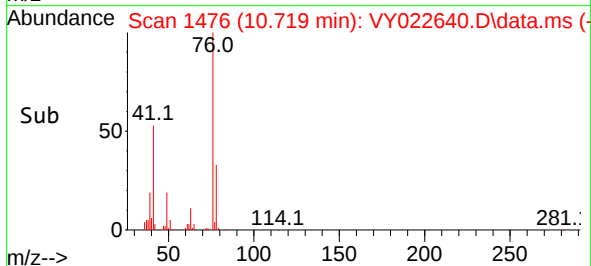
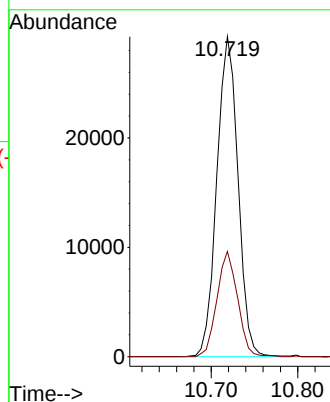
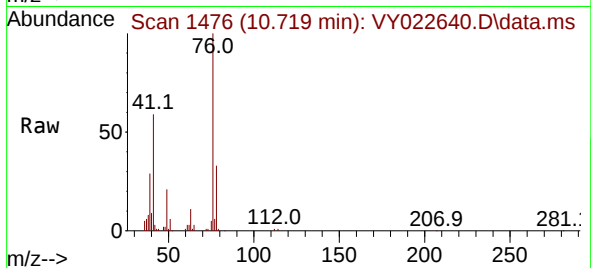
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.960 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022640.D

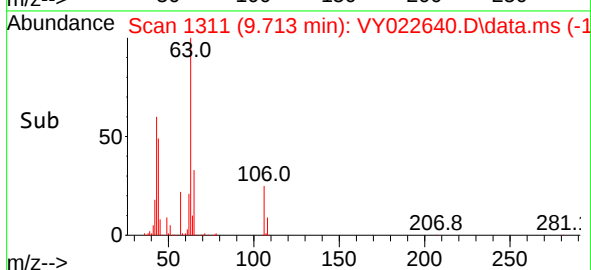
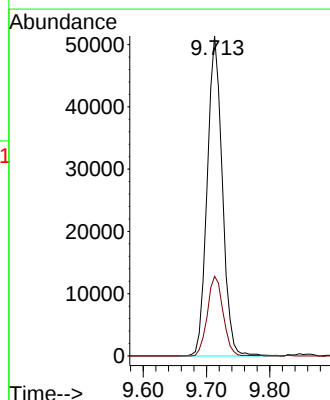
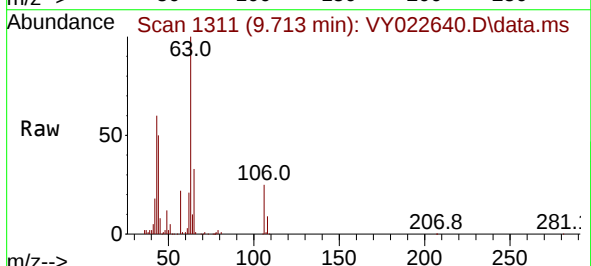
Acq: 10 Jun 2025 10:56

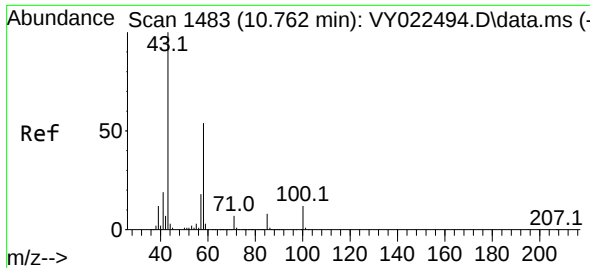
Tgt Ion: 63 Resp: 85318

Ion Ratio Lower Upper

63 100

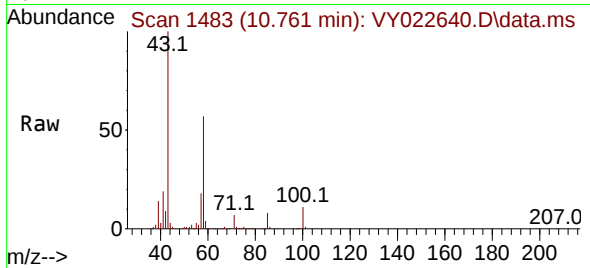
106 26.0 21.6 32.4





#59
2-Hexanone
Concen: 92.188 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

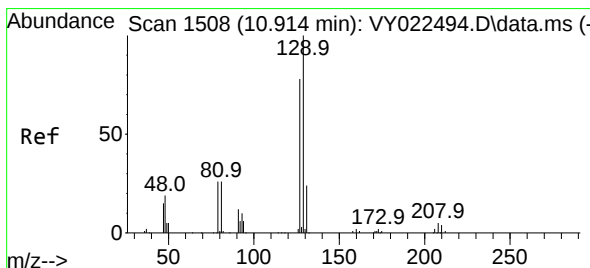
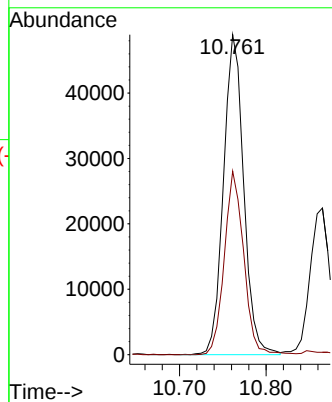
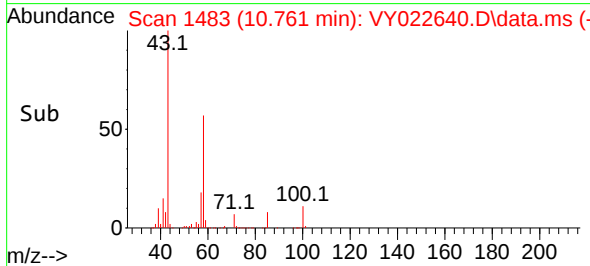
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 79279
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

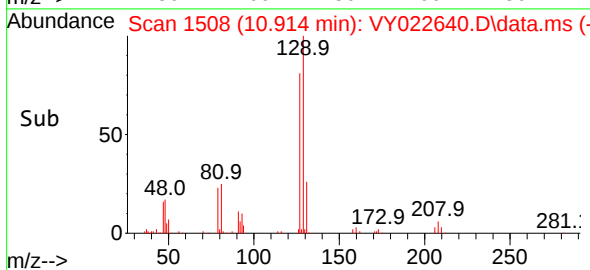
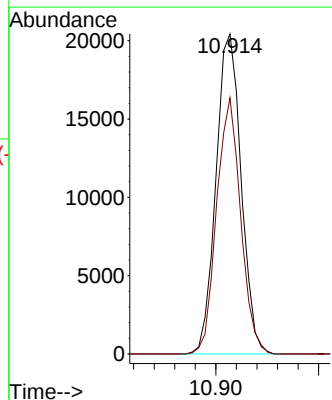
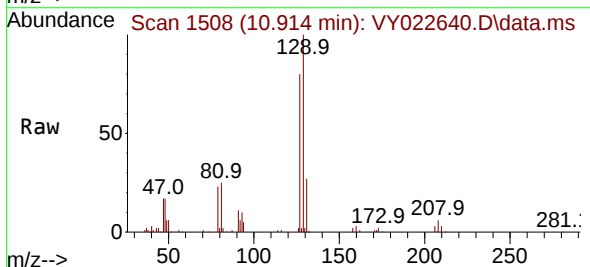
Manual Integrations
APPROVED

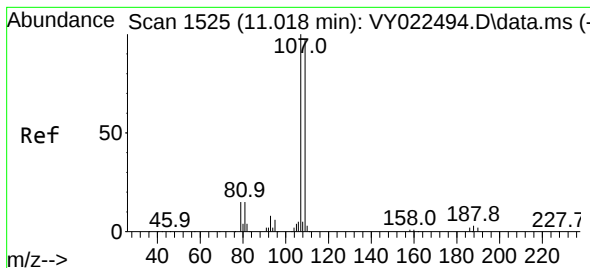
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#60
Dibromochloromethane
Concen: 20.362 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

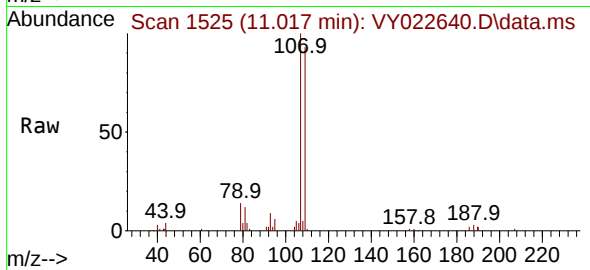
Tgt Ion:129 Resp: 34698
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61
1,2-Dibromoethane
Concen: 20.126 ug/l
RT: 11.017 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

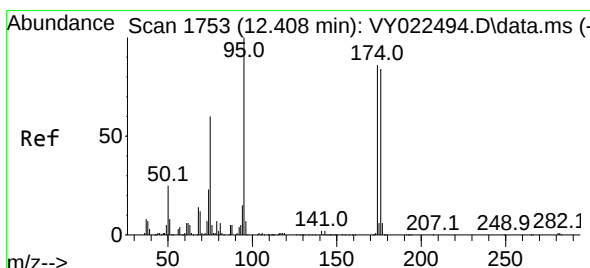
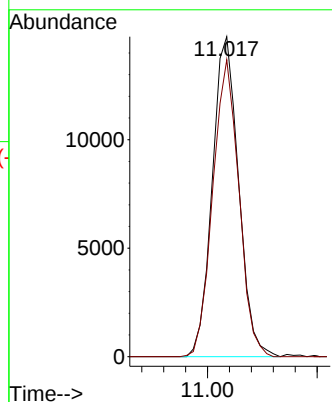
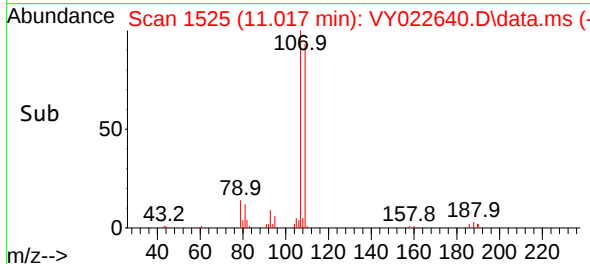
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



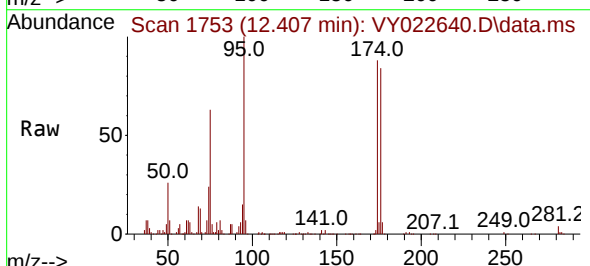
Tgt Ion:107 Resp: 2459
Ion Ratio Lower Upper
107 100
109 92.0 77.7 116.5

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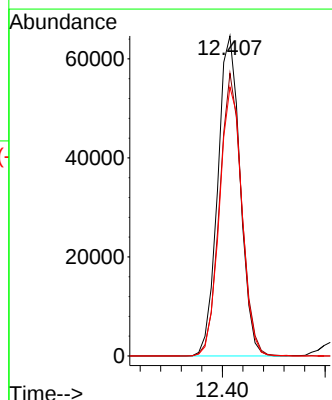
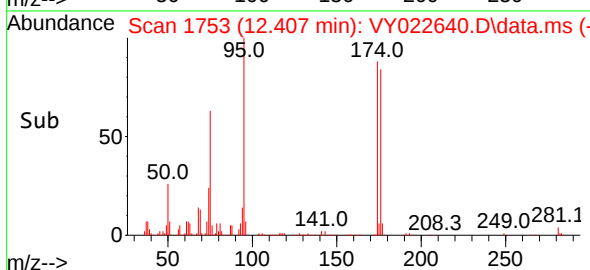
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

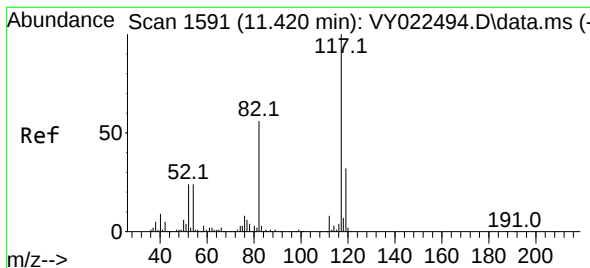


#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion: 95 Resp: 97801
Ion Ratio Lower Upper
95 100
174 86.8 0.0 170.0
176 84.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion:117 Resp: 23581

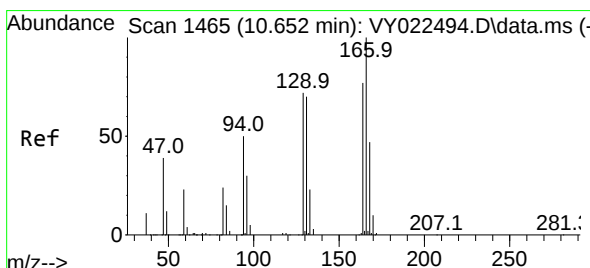
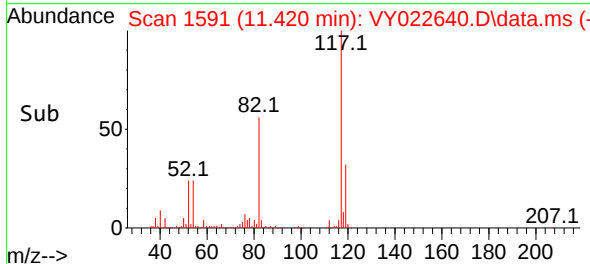
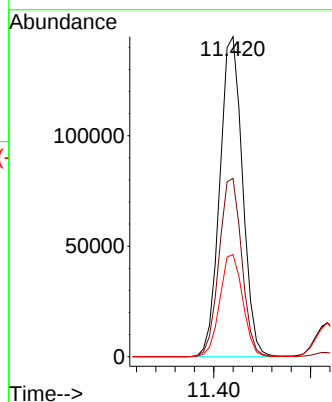
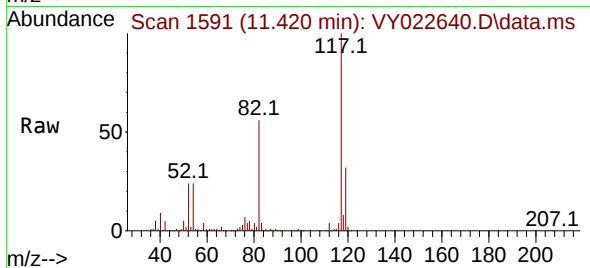
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.9	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#64

Tetrachloroethene

Concen: 21.427 ug/l

RT: 10.646 min Scan# 1464

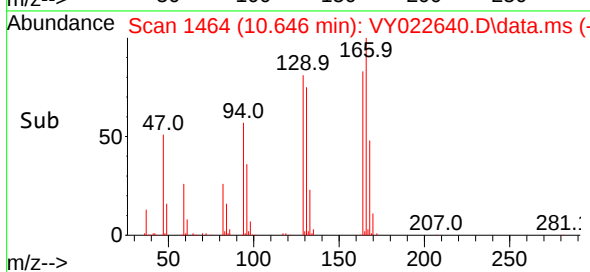
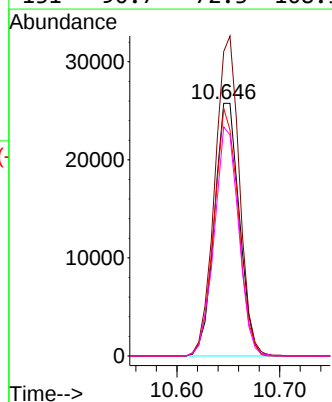
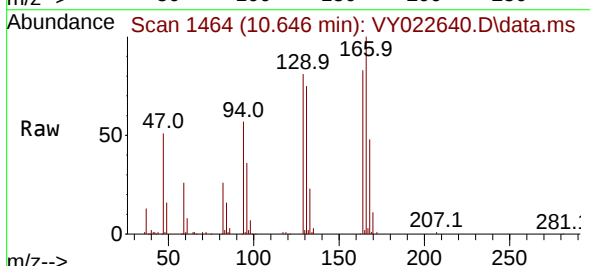
Delta R.T. -0.006 min

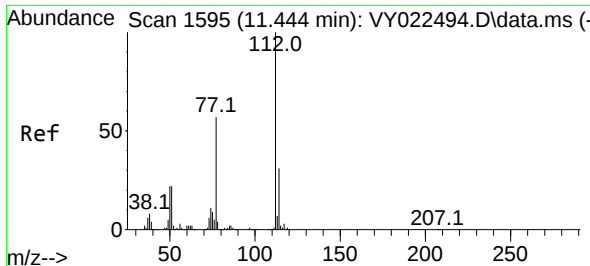
Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion:164 Resp: 43465

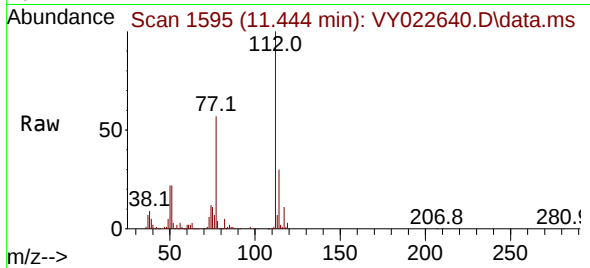
Ion	Ratio	Lower	Upper
164	100		
166	120.5	104.0	156.0
129	98.0	74.5	111.7
131	90.7	72.3	108.5





#65
Chlorobenzene
Concen: 20.445 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

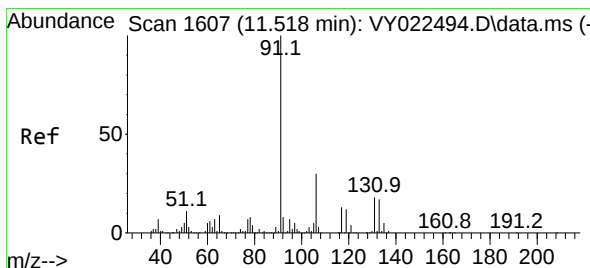
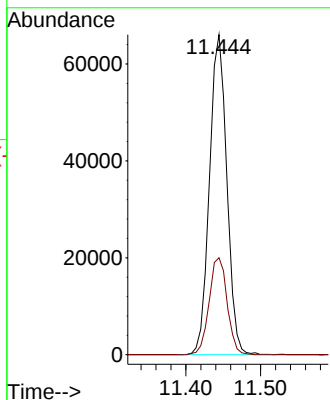
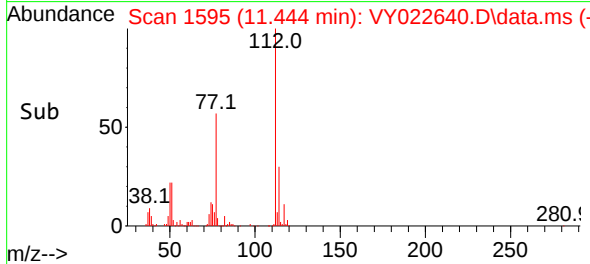
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



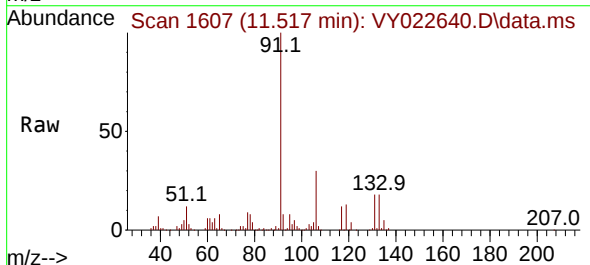
Tgt Ion:112 Resp: 106690
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.6

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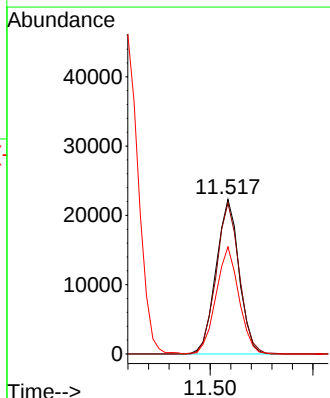
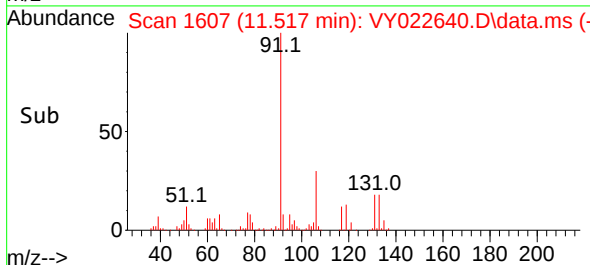
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

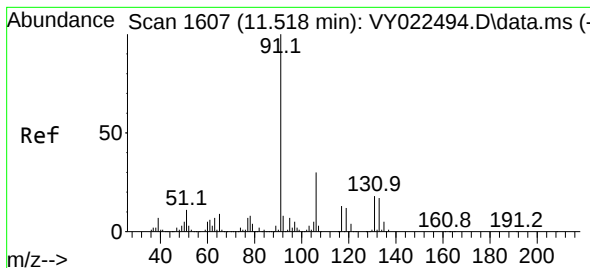


#66
1,1,1,2-Tetrachloroethane
Concen: 19.698 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion:131 Resp: 34627
Ion Ratio Lower Upper
131 100
133 98.3 47.3 141.8
119 69.1 33.1 99.3





#67

Ethyl Benzene

Concen: 19.876 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 91 Resp: 192370

Ion Ratio Lower Upper

91 100

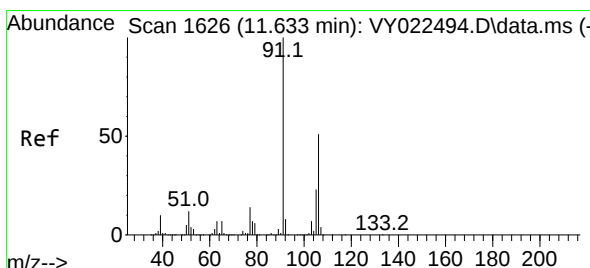
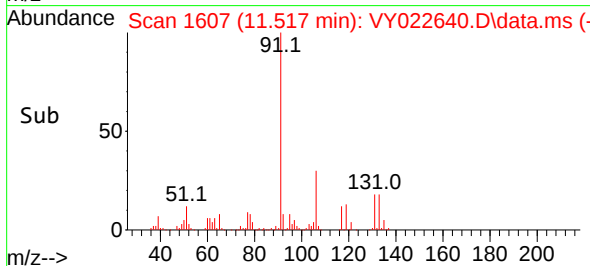
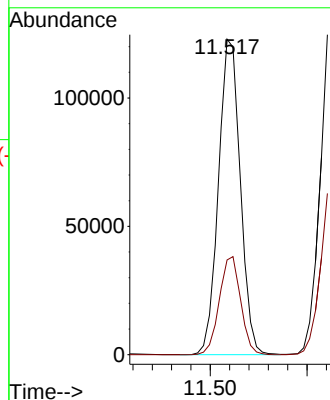
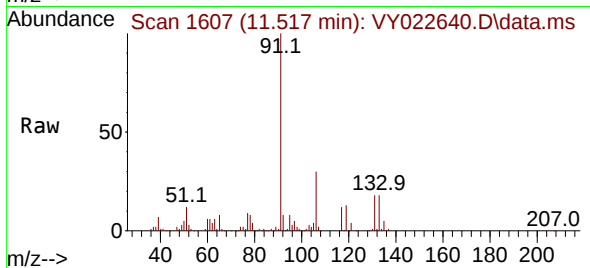
106 30.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#68

m/p-Xylenes

Concen: 39.698 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022640.D

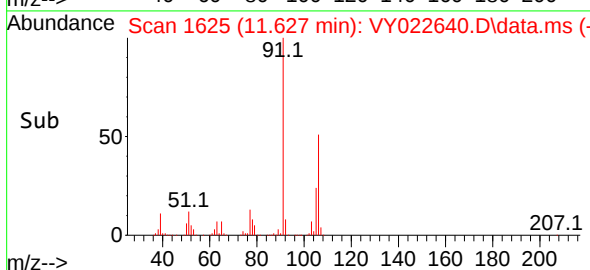
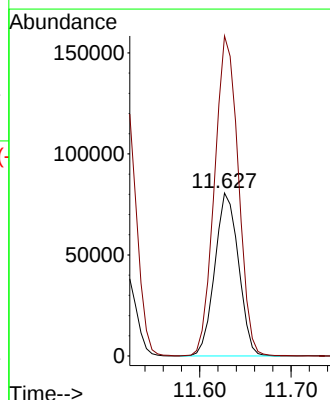
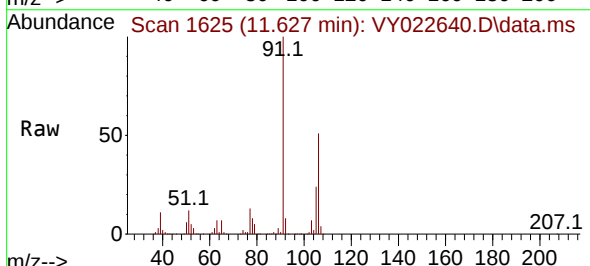
Acq: 10 Jun 2025 10:56

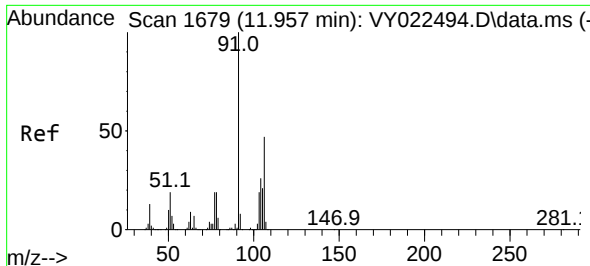
Tgt Ion:106 Resp: 145656

Ion Ratio Lower Upper

106 100

91 197.0 159.4 239.0





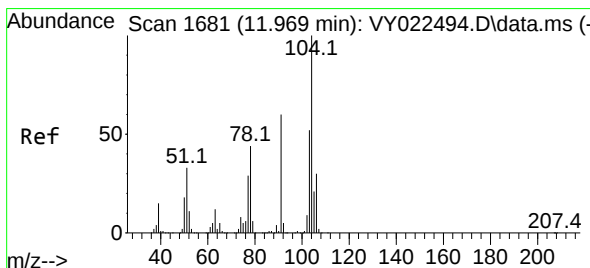
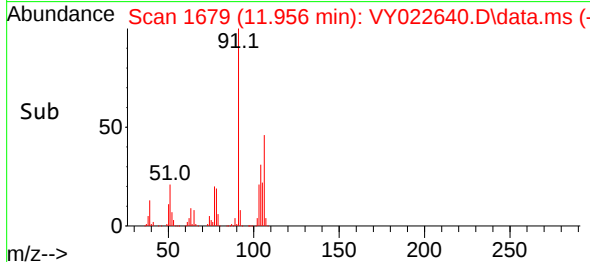
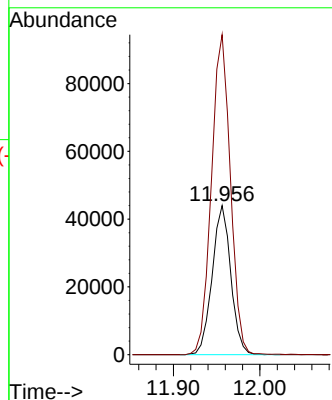
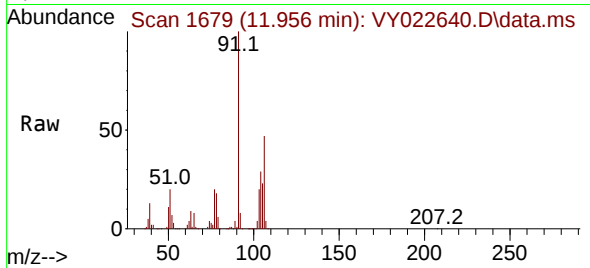
#69
o-Xylene
Concen: 19.102 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion:106 Resp: 65712
Ion Ratio Lower Upper
106 100
91 218.6 105.8 317.3

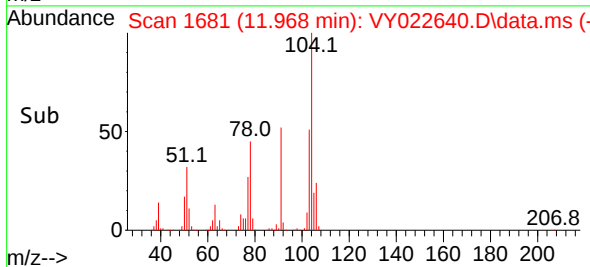
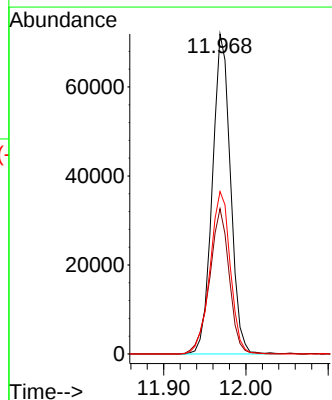
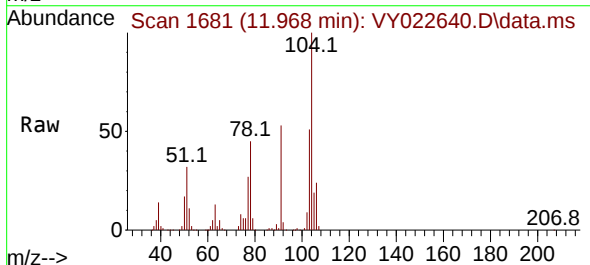
Manual Integrations
APPROVED

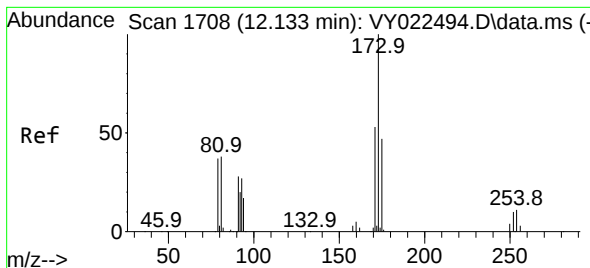
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#70
Styrene
Concen: 19.382 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion:104 Resp: 110213
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 56.6 44.1 66.1





#71

Bromoform

Concen: 18.914 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion:173 Resp: 1769

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.5

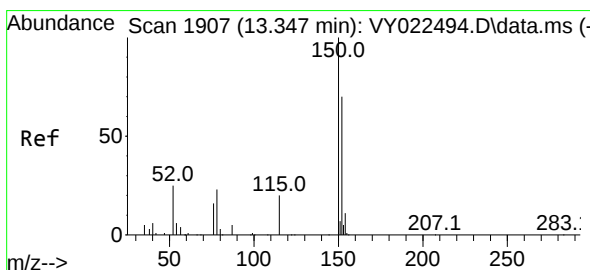
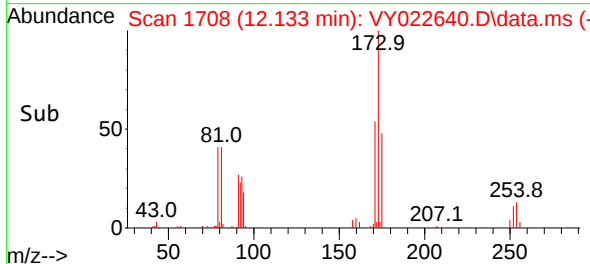
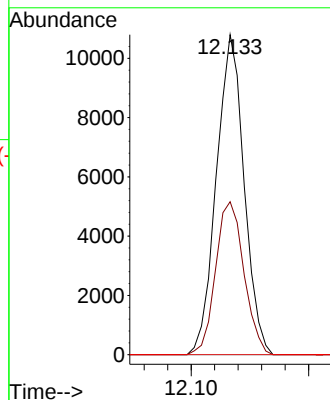
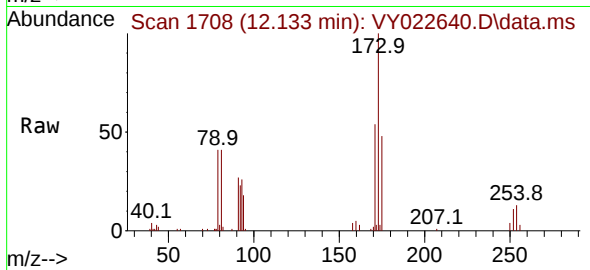
254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

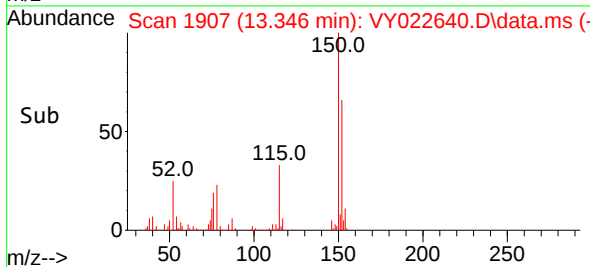
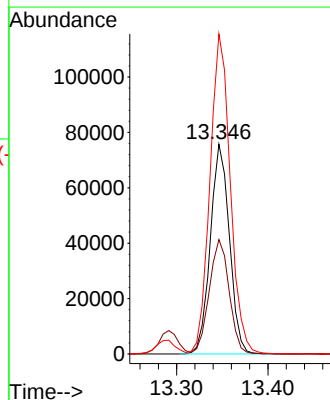
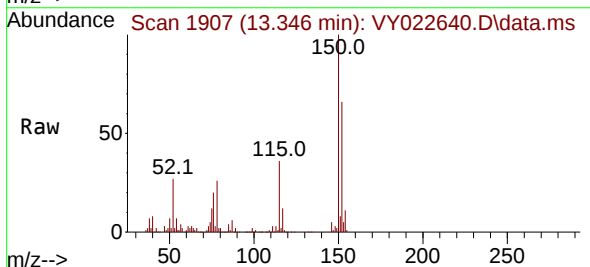
Tgt Ion:152 Resp: 109725

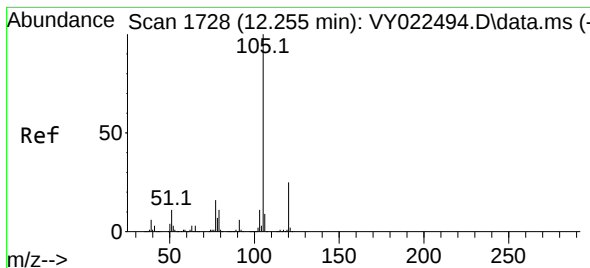
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 162.5 0.0 349.6





#73

Isopropylbenzene

Concen: 19.438 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion:105 Resp: 17510

Ion Ratio Lower Upper

105 100

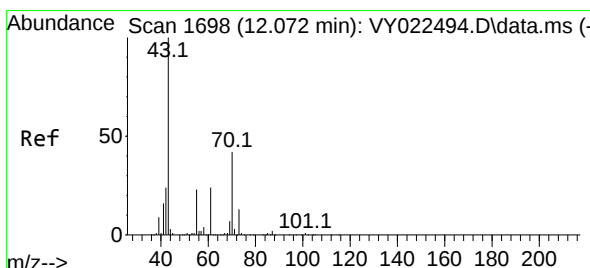
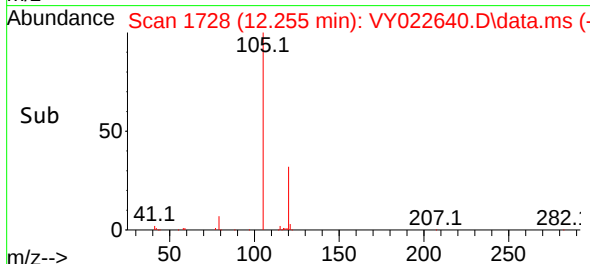
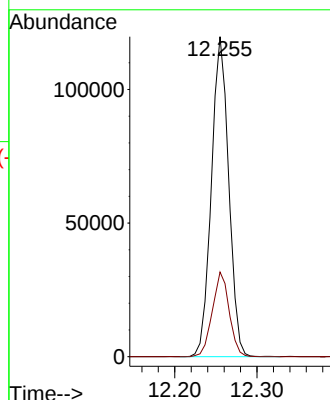
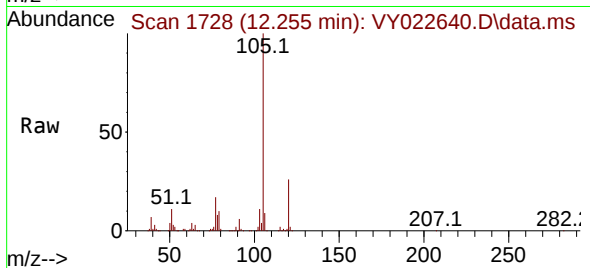
120 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#74

N-ethyl acetate

Concen: 17.073 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion: 43 Resp: 38808

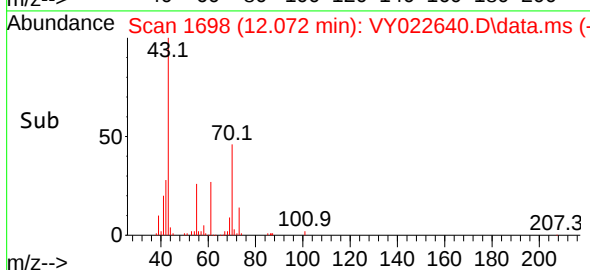
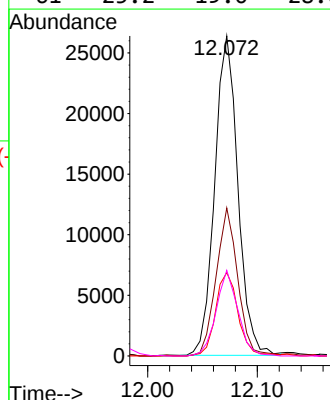
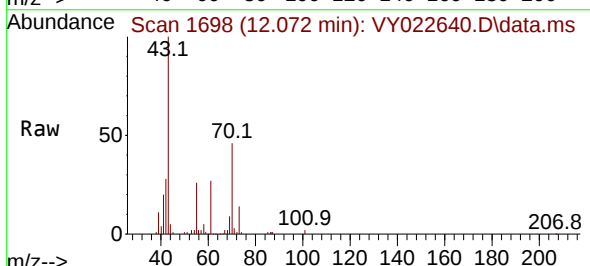
Ion Ratio Lower Upper

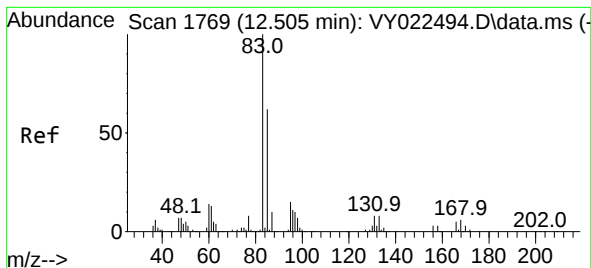
43 100

70 43.3 34.2 51.2

55 25.5 18.2 27.4

61 25.2 19.0 28.6





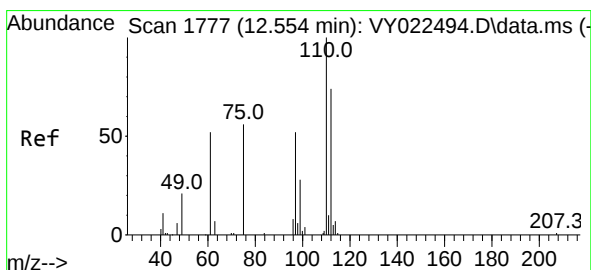
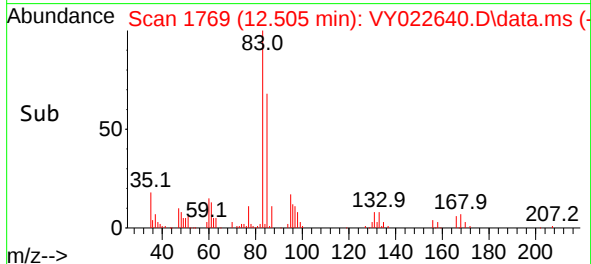
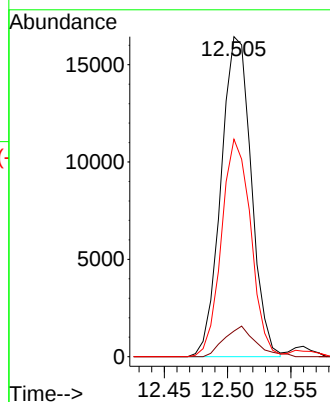
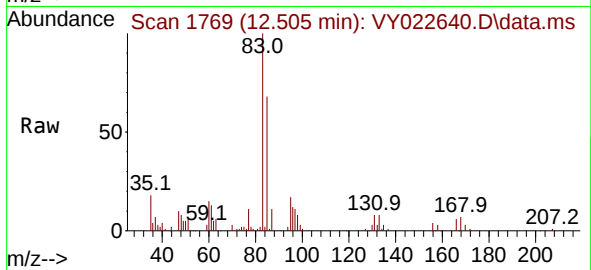
#75
1,1,2,2-Tetrachloroethane
Concen: 18.492 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 83 Resp: 2734
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.8 32.6 97.8

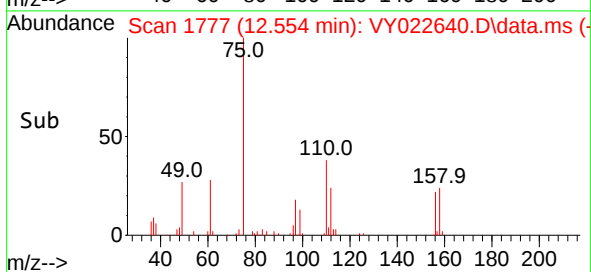
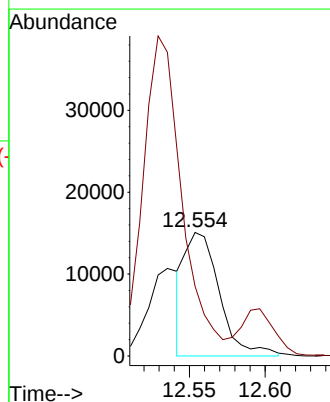
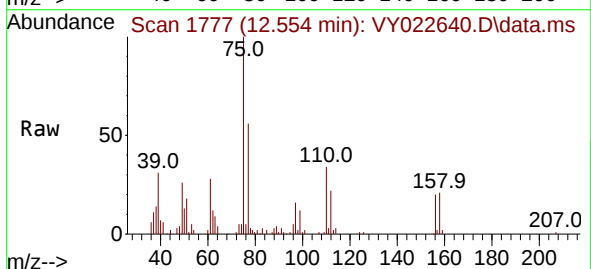
Manual Integrations
APPROVED

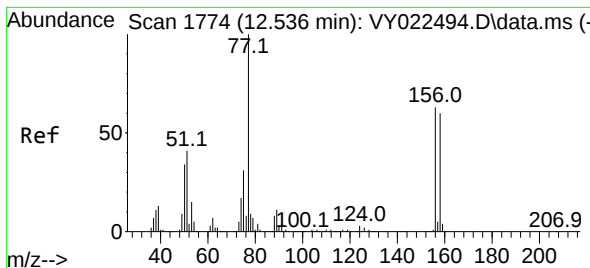
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#76
1,2,3-Trichloropropane
Concen: 19.255 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Tgt Ion: 75 Resp: 24171
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.614 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

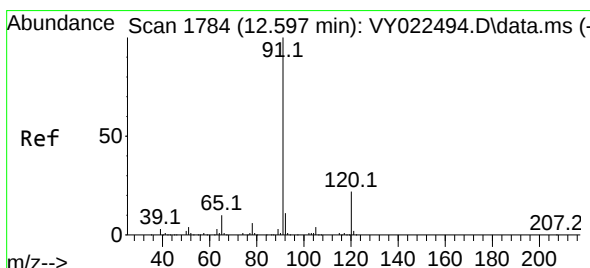
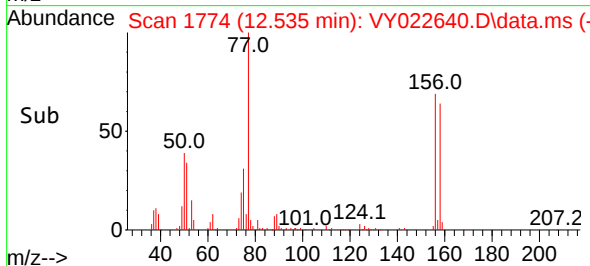
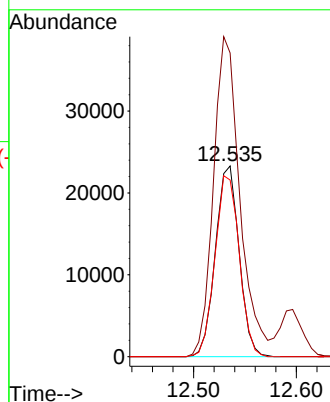
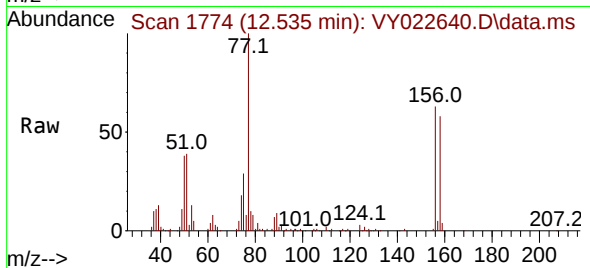
Tgt Ion:	156	Resp:	3728
Ion Ratio	Lower	Upper	
156	100		
77	186.8	94.0	282.1
158	97.2	48.2	144.6

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#78

n-propylbenzene

Concen: 19.750 ug/l

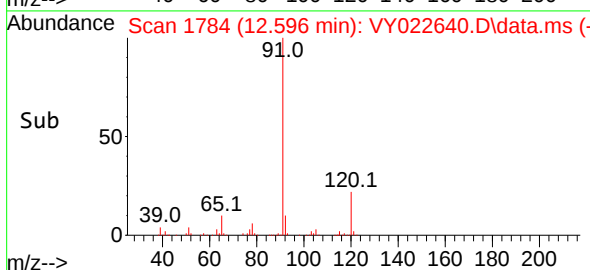
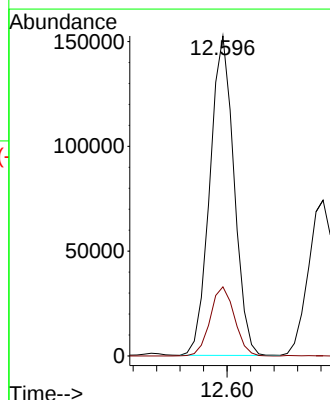
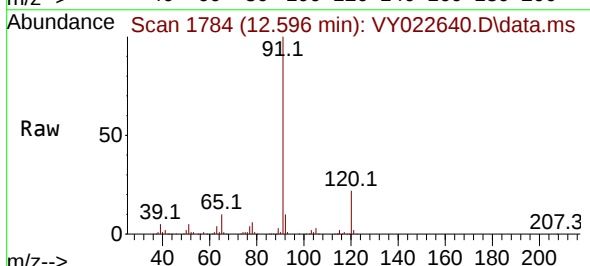
RT: 12.596 min Scan# 1784

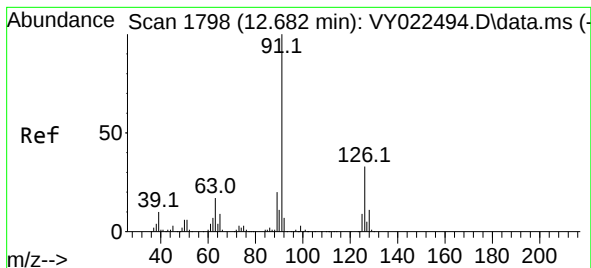
Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion:	91	Resp:	217303
Ion Ratio	Lower	Upper	
91	100		
120	21.8	10.8	32.4





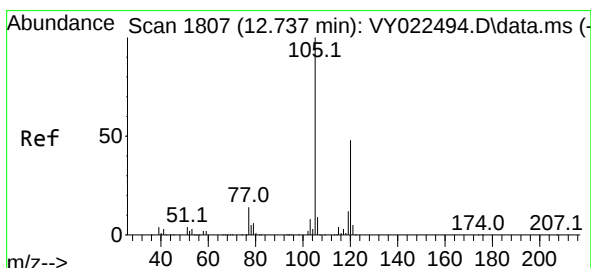
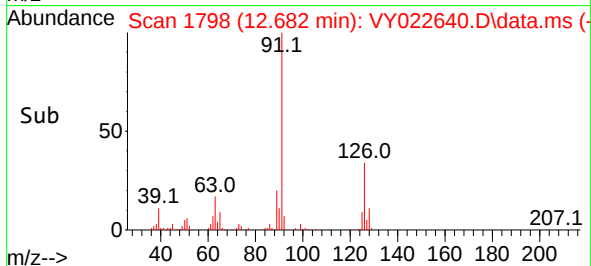
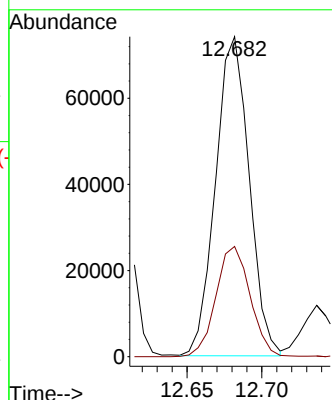
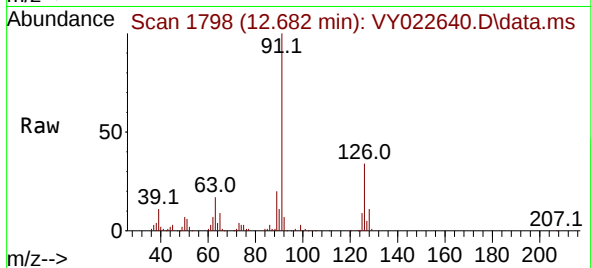
#79
2-Chlorotoluene
Concen: 19.876 ug/l
RT: 12.682 min Scan# 115909
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 91 Resp: 115909
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0

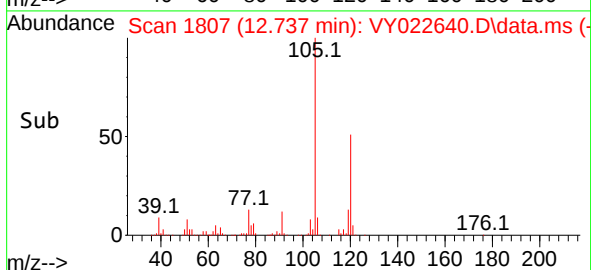
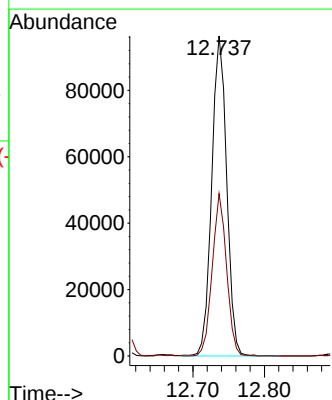
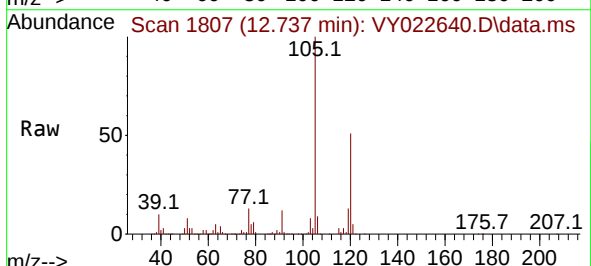
Manual Integrations
APPROVED

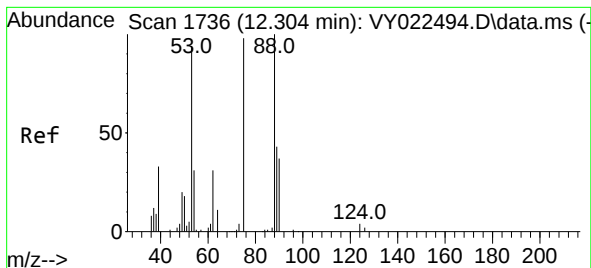
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

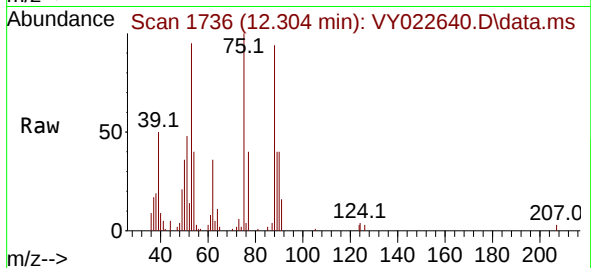
Tgt Ion:105 Resp: 140110
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 16.804 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

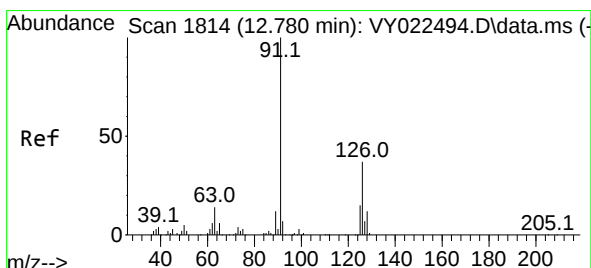
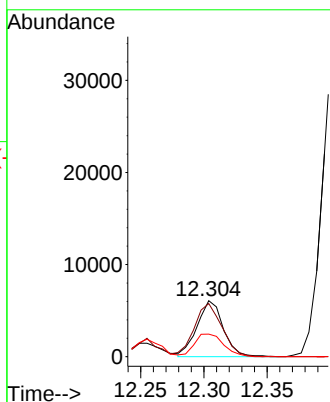
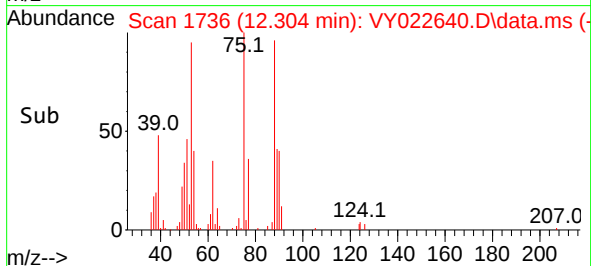
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
53 101.9 78.5 117.7
89 45.1 35.7 53.5

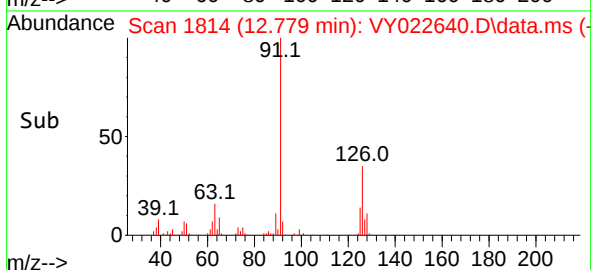
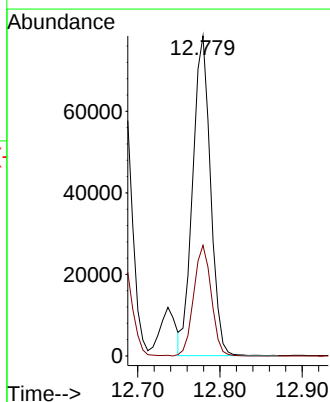
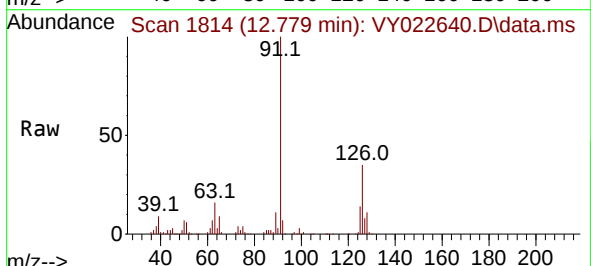
Manual Integrations
APPROVED

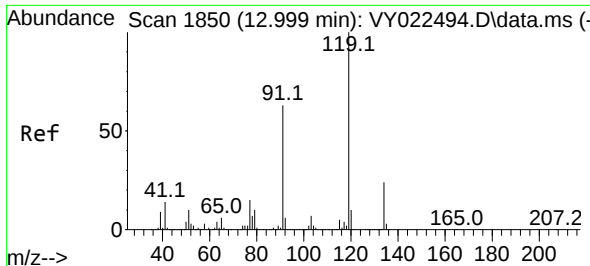
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#82
4-Chlorotoluene
Concen: 19.576 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

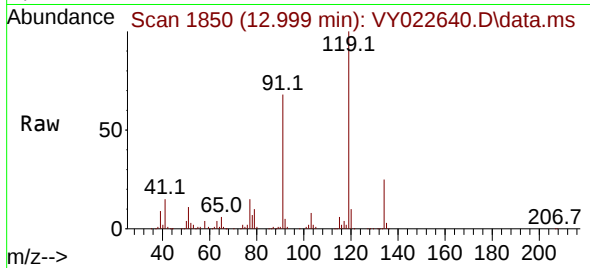
Tgt Ion: 91 Resp: 117763
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.374 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

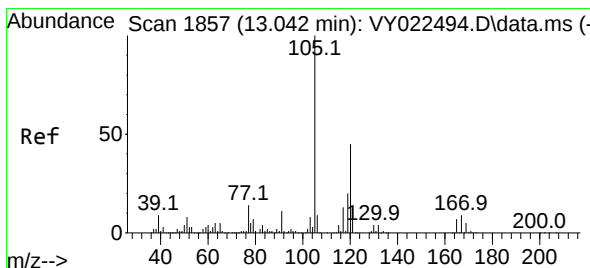
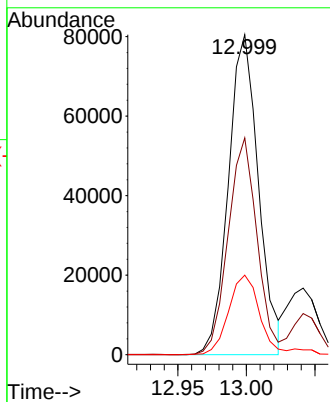
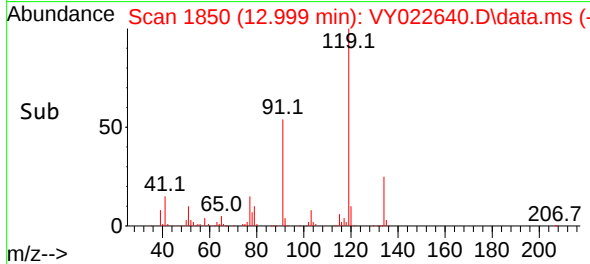
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



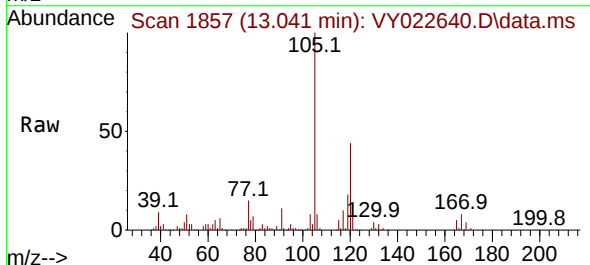
Tgt Ion:119 Resp: 122978
Ion Ratio Lower Upper
119 100
91 65.2 32.1 96.3
134 25.3 13.0 38.9

Manual Integrations
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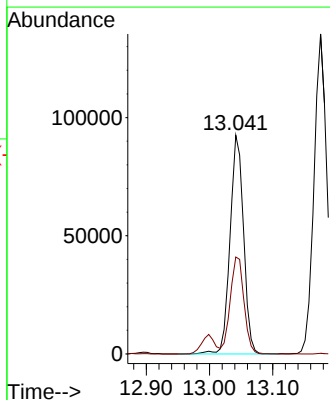
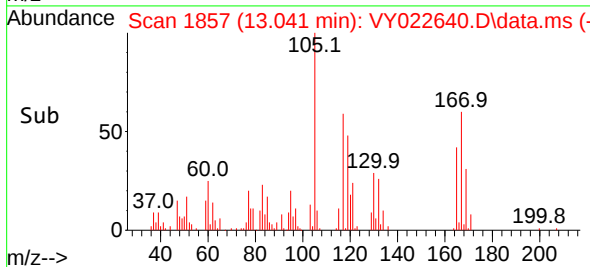
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

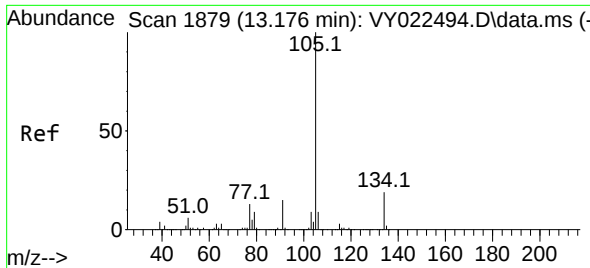


#84
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion:105 Resp: 137535
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





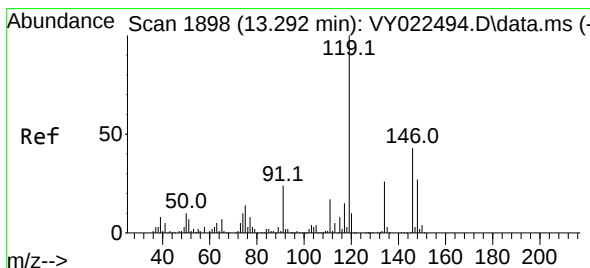
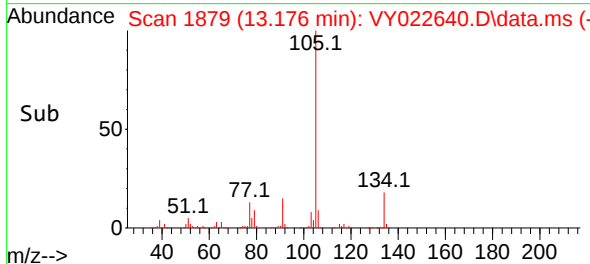
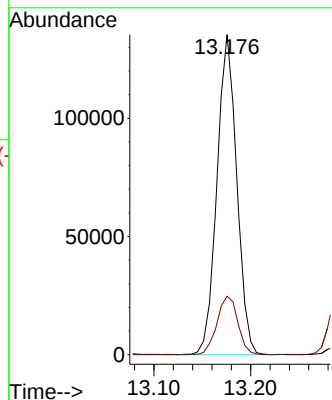
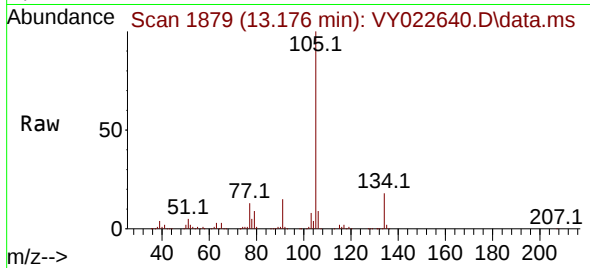
#85
 sec-Butylbenzene
 Concen: 19.753 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Tgt Ion:105 Resp: 192035
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

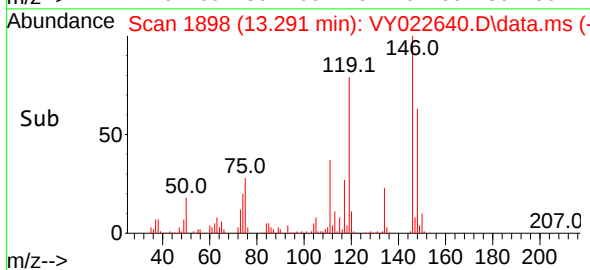
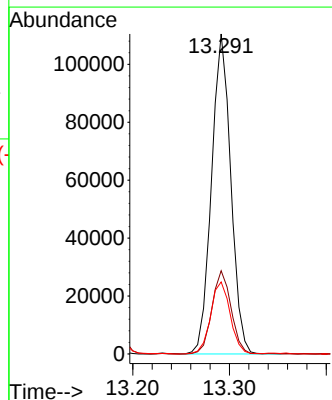
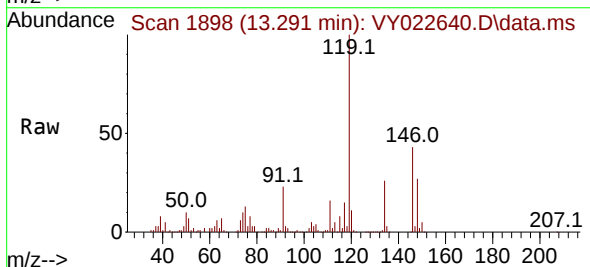
Manual Integrations
 APPROVED

Reviewed By :John Carbone 06/10/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025



#86
 p-Isopropyltoluene
 Concen: 19.088 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022640.D
 Acq: 10 Jun 2025 10:56

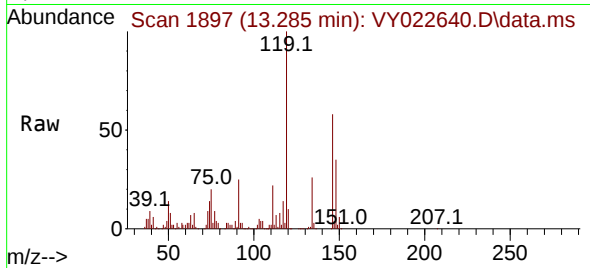
Tgt Ion:119 Resp: 152960
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.9 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 19.521 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

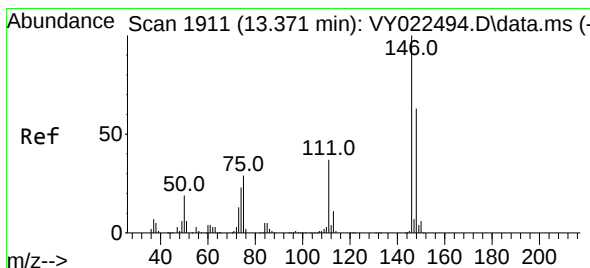
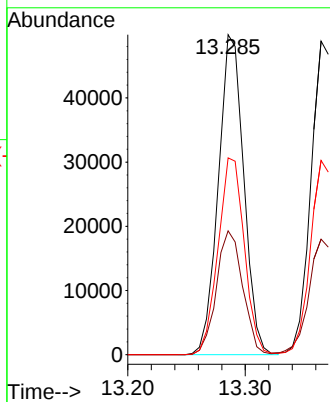
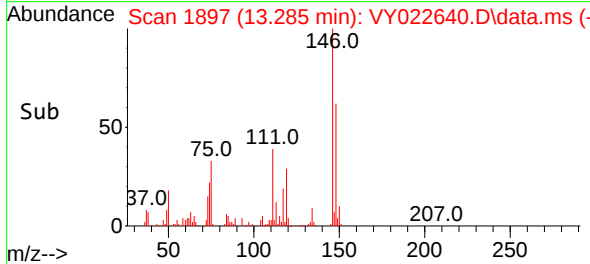
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion:146 Resp: 75188
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.2
148 63.3 32.1 96.3

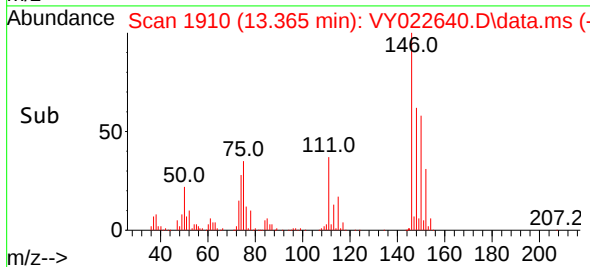
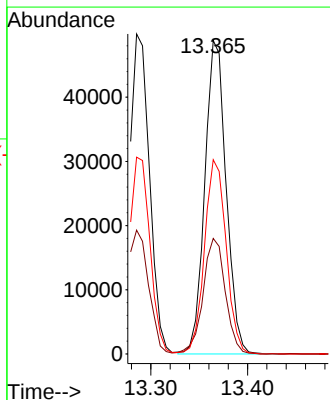
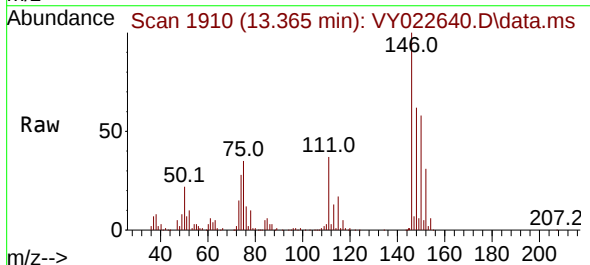
Manual Integrations
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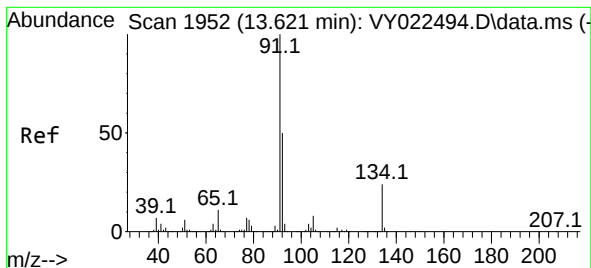
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#88
1,4-Dichlorobenzene
Concen: 20.018 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

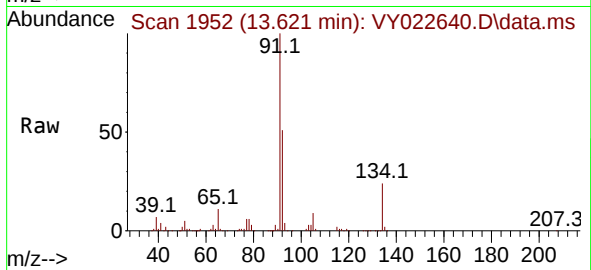
Tgt Ion:146 Resp: 74781
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 19.746 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

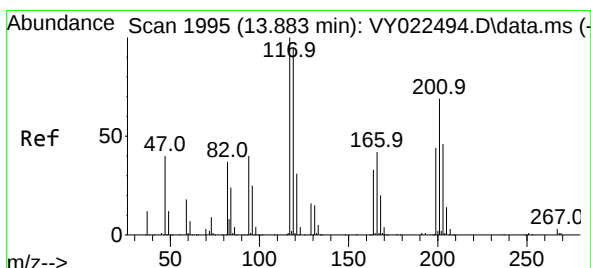
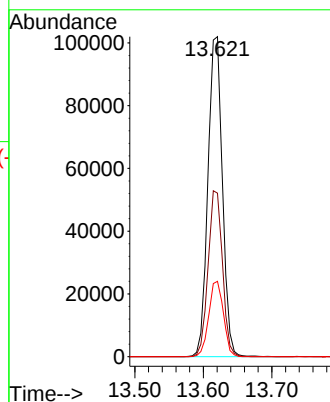
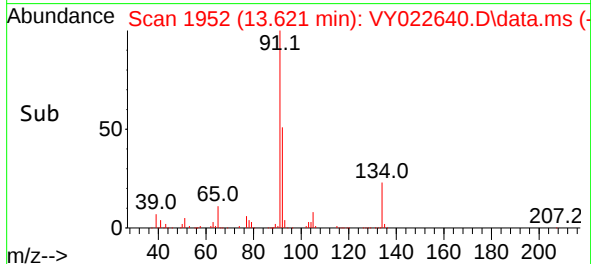
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 91 Resp: 150124
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.8
134 23.9 12.0 36.1

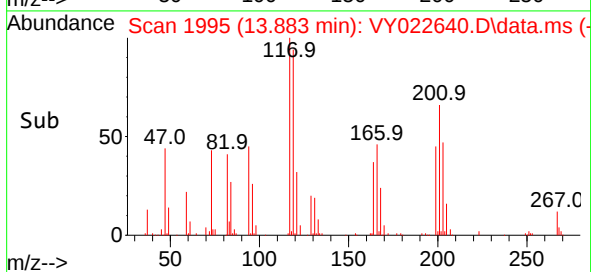
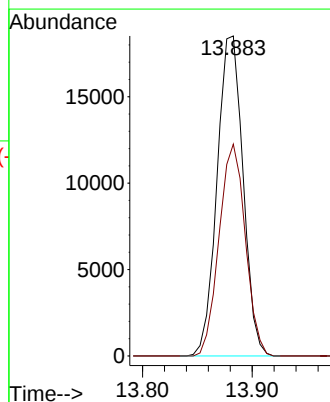
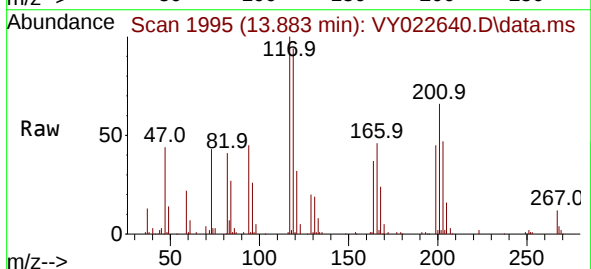
Manual Integrations
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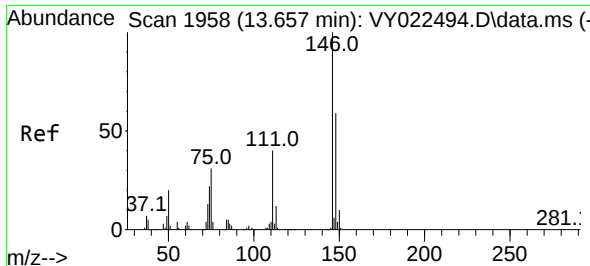
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#90
Hexachloroethane
Concen: 19.550 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

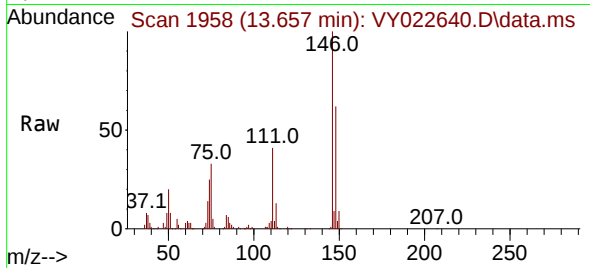
Tgt Ion:117 Resp: 30499
Ion Ratio Lower Upper
117 100
201 66.8 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 19.852 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

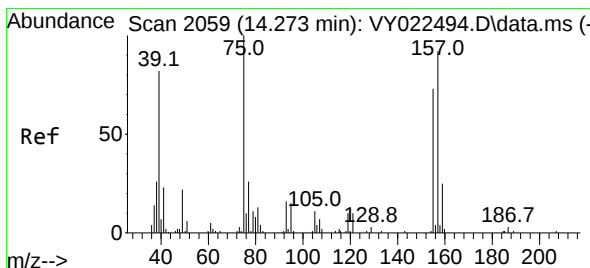
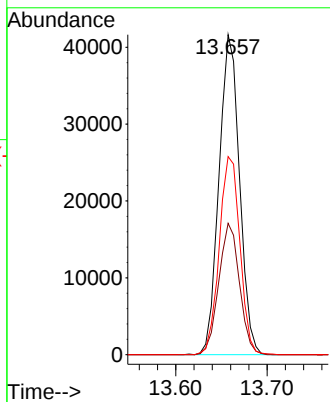
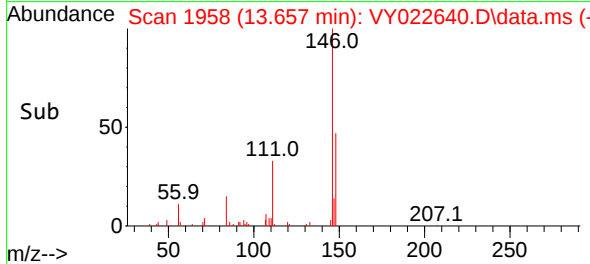
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



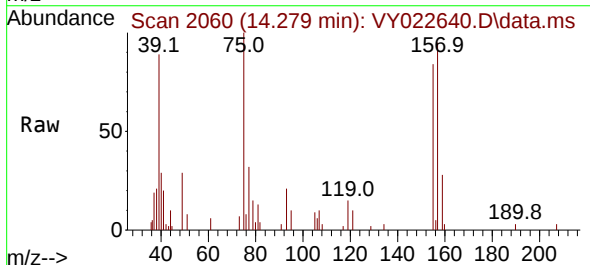
Tgt Ion:146 Resp: 64919
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.6
148 62.4 31.4 94.0

Manual Integrations
APPROVED

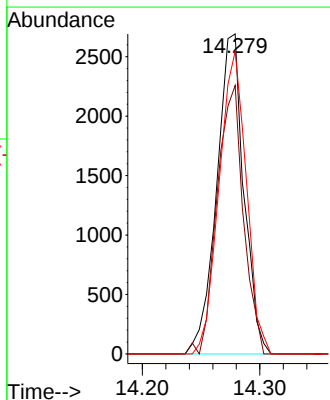
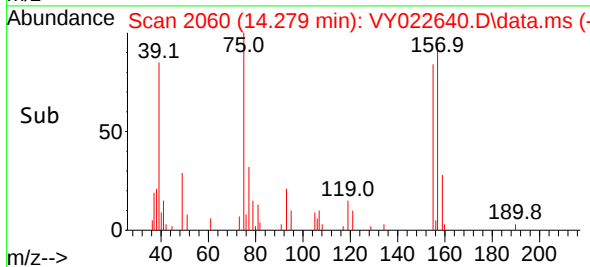
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

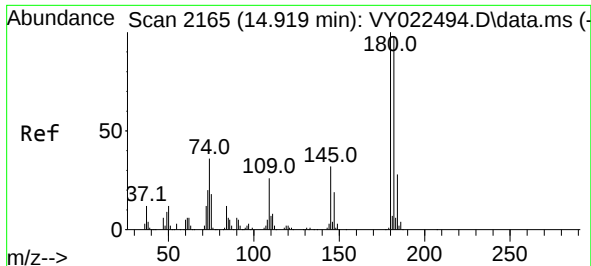


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.092 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



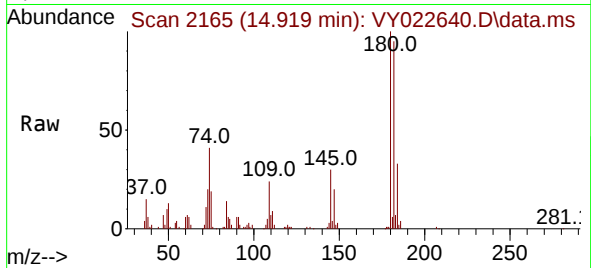
Tgt Ion: 75 Resp: 4325
Ion Ratio Lower Upper
75 100
155 81.2 39.9 119.6
157 94.6 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 18.702 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56

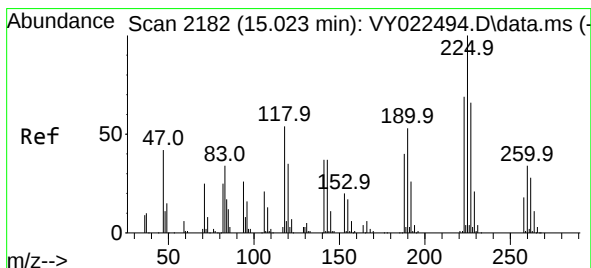
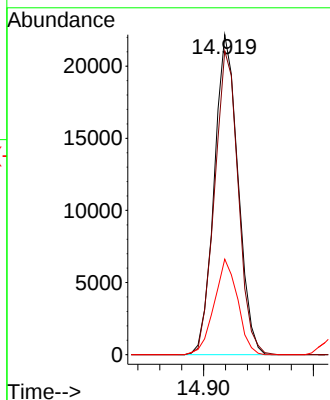
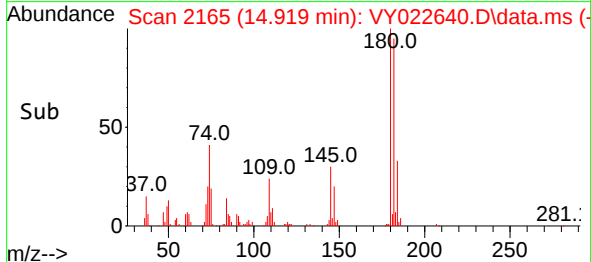
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



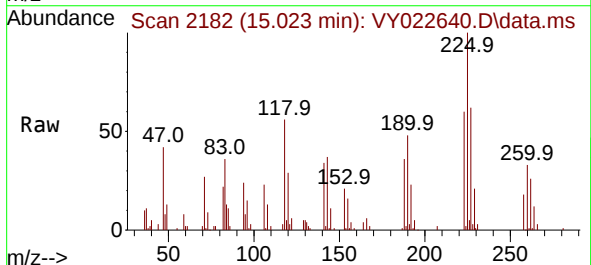
Tgt Ion:180 Resp: 3335
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.3
145 29.6 15.5 46.5

Manual Integrations
APPROVED

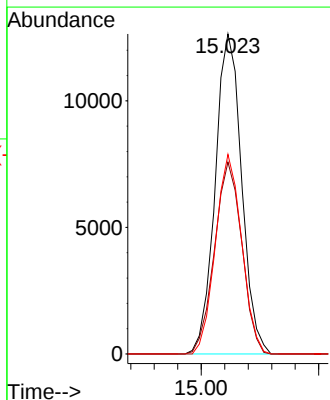
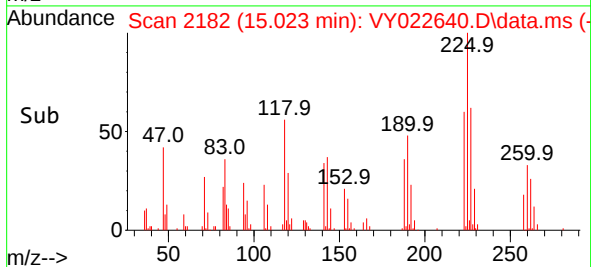
Reviewed By :John Carlone 06/10/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

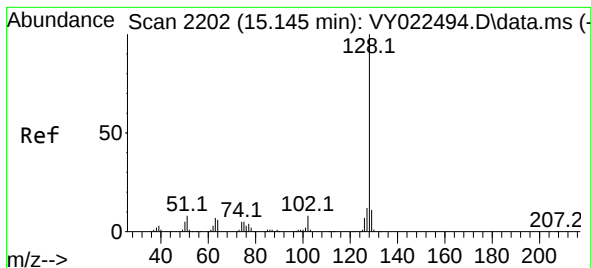


#94
Hexachlorobutadiene
Concen: 20.079 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022640.D
Acq: 10 Jun 2025 10:56



Tgt Ion:225 Resp: 19765
Ion Ratio Lower Upper
225 100
223 61.8 32.5 97.4
227 61.9 32.3 96.9





#95

Naphthalene

Concen: 17.640 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

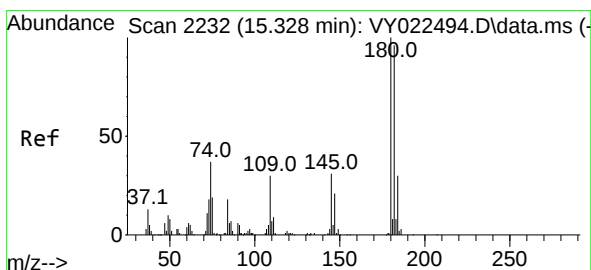
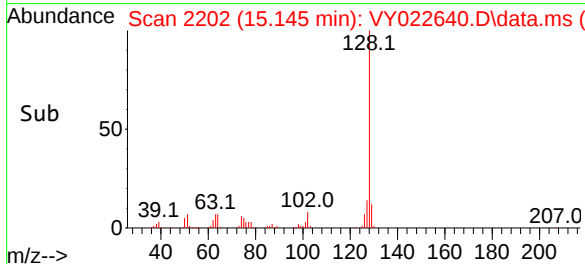
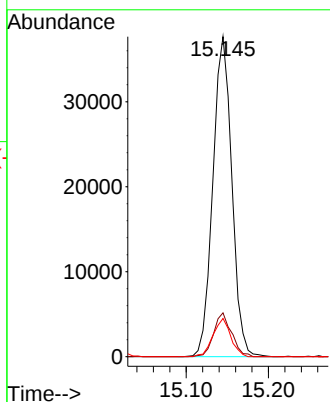
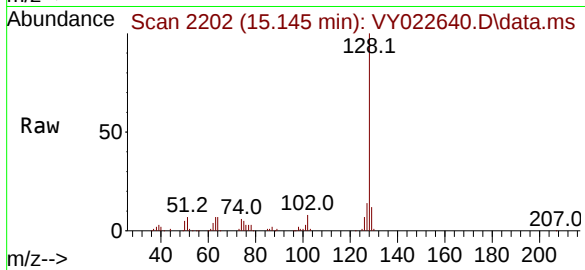
Tgt Ion:	128	Resp:	6037
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.537 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022640.D

Acq: 10 Jun 2025 10:56

Tgt Ion:	180	Resp:	28334
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.1	141.3
145	29.0	15.2	45.6

