

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023497.D
 Acq On : 20 Oct 2025 10:07
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBS01

Quant Time: Oct 21 03:54:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	523739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	742947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	663321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	353337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201834	46.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.180%		
35) Dibromofluoromethane	7.634	113	229832	50.346	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.700%		
50) Toluene-d8	10.109	98	853532	50.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.420%		
62) 4-Bromofluorobenzene	12.408	95	277115	49.372	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77468	20.550	ug/l	97
3) Chloromethane	2.074	50	96902	18.869	ug/l	99
4) Vinyl Chloride	2.208	62	131187	19.613	ug/l	99
5) Bromomethane	2.592	94	118051	21.031	ug/l	99
6) Chloroethane	2.739	64	92174	20.216	ug/l	99
7) Trichlorofluoromethane	3.056	101	193473	20.832	ug/l	97
8) Diethyl Ether	3.458	74	46390	19.115	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	105173	21.823	ug/l	99
10) Methyl Iodide	4.007	142	105809	19.721	ug/l	99
11) Tert butyl alcohol	4.854	59	32322	99.203	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	96483	20.652	ug/l	98
13) Acrolein	3.659	56	23875	51.859	ug/l	95
14) Allyl chloride	4.385	41	105896	18.599	ug/l	98
15) Acrylonitrile	5.061	53	87542	94.259	ug/l	99
16) Acetone	3.866	43	136934	131.334	ug/l	99
17) Carbon Disulfide	4.110	76	269483	20.154	ug/l	99
18) Methyl Acetate	4.391	43	44512	16.275	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	212783	18.950	ug/l	94
20) Methylene Chloride	4.622	84	107272	19.027	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	106769	20.758	ug/l	98
22) Diisopropyl ether	6.025	45	241713	19.192	ug/l	96
23) Vinyl Acetate	5.964	43	646610	94.852	ug/l	97
24) 1,1-Dichloroethane	5.921	63	169150	20.276	ug/l	99
25) 2-Butanone	6.896	43	142543	111.983	ug/l	96
26) 2,2-Dichloropropane	6.890	77	163000	21.293	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	121042	20.372	ug/l	98
28) Bromochloromethane	7.244	49	62645	20.115	ug/l	98
29) Tetrahydrofuran	7.268	42	61631	85.382	ug/l	94
30) Chloroform	7.421	83	190902	20.827	ug/l	98
31) Cyclohexane	7.707	56	138372	18.993	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	174243	20.918	ug/l	99
36) 1,1-Dichloropropene	7.841	75	129736	21.466	ug/l	99
37) Ethyl Acetate	6.988	43	47097	19.670	ug/l	95
38) Carbon Tetrachloride	7.823	117	165108	22.530	ug/l	97
39) Methylcyclohexane	9.109	83	160443	20.389	ug/l	97
40) Benzene	8.085	78	407322	21.281	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023497.D
 Acq On : 20 Oct 2025 10:07
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBS01

Quant Time: Oct 21 03:54:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	27651m	21.353	ug/l	
42) 1,2-Dichloroethane	8.158	62	102253	20.715	ug/l	99
43) Isopropyl Acetate	8.201	43	89728	18.794	ug/l	99
44) Trichloroethene	8.866	130	124158	22.163	ug/l	98
45) 1,2-Dichloropropane	9.146	63	89402	21.148	ug/l	100
46) Dibromomethane	9.231	93	57801	21.622	ug/l	97
47) Bromodichloromethane	9.426	83	146088	21.699	ug/l	98
48) Methyl methacrylate	9.225	41	40192	17.919	ug/l	91
49) 1,4-Dioxane	9.231	88	11618	374.851	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	241172	97.770	ug/l	99
52) Toluene	10.170	92	269261	21.667	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	119883	20.479	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	145166	21.011	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	78656	21.881	ug/l	96
56) Ethyl methacrylate	10.438	69	79990	19.290	ug/l	96
57) 1,3-Dichloropropane	10.719	76	121022	21.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	168775	90.858	ug/l	100
59) 2-Hexanone	10.762	43	192433	109.161	ug/l	99
60) Dibromochloromethane	10.914	129	110798	21.984	ug/l	100
61) 1,2-Dibromoethane	11.018	107	72250	21.075	ug/l	99
64) Tetrachloroethene	10.646	164	151867	22.173	ug/l	98
65) Chlorobenzene	11.444	112	302485	20.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	110179	21.431	ug/l	98
67) Ethyl Benzene	11.517	91	476476	20.403	ug/l	100
68) m/p-Xylenes	11.627	106	394831	42.153	ug/l	100
69) o-Xylene	11.956	106	180028	20.491	ug/l	99
70) Styrene	11.969	104	305623	21.154	ug/l	99
71) Bromoform	12.133	173	69820	21.894	ug/l #	97
73) Isopropylbenzene	12.255	105	471638	20.255	ug/l	100
74) N-amyl acetate	12.072	43	73717	17.626	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	74362	19.525	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	58372m	18.725	ug/l	
77) Bromobenzene	12.530	156	126770	20.478	ug/l	99
78) n-propylbenzene	12.597	91	564399	20.946	ug/l	100
79) 2-Chlorotoluene	12.682	91	319779	20.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	389889	20.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25105	19.748	ug/l	99
82) 4-Chlorotoluene	12.779	91	337426	20.763	ug/l	100
83) tert-Butylbenzene	12.999	119	351553	20.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	388491	20.688	ug/l	100
85) sec-Butylbenzene	13.176	105	519789	20.857	ug/l	100
86) p-Isopropyltoluene	13.292	119	441147	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	248425	20.608	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	244966	20.575	ug/l	99
89) n-Butylbenzene	13.615	91	373193	20.185	ug/l	98
90) Hexachloroethane	13.877	117	96938	21.241	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	217576	20.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11872	18.998	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	128052	19.435	ug/l	98
94) Hexachlorobutadiene	15.023	225	86443	21.047	ug/l	99
95) Naphthalene	15.145	128	175261	16.704	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	107165	18.778	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
Data File : VY023497.D
Acq On : 20 Oct 2025 10:07
Operator : SY/MD
Sample : VY1020SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

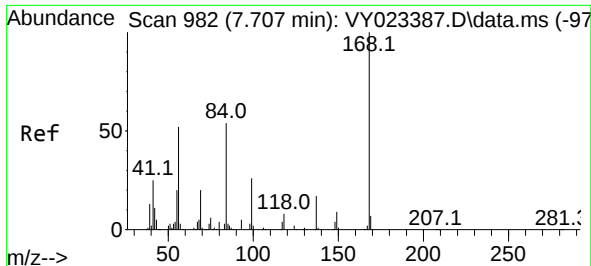
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 03:54:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



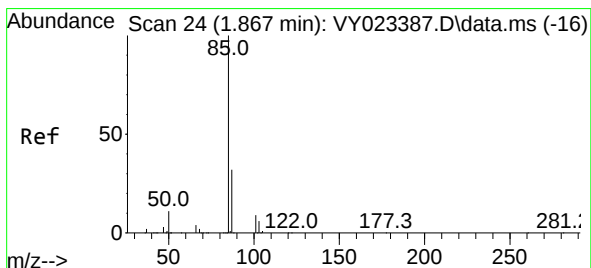
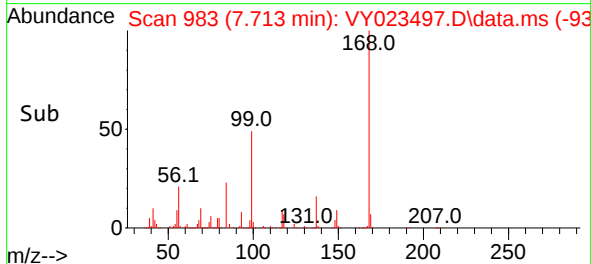
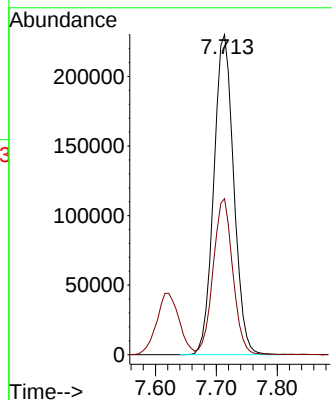
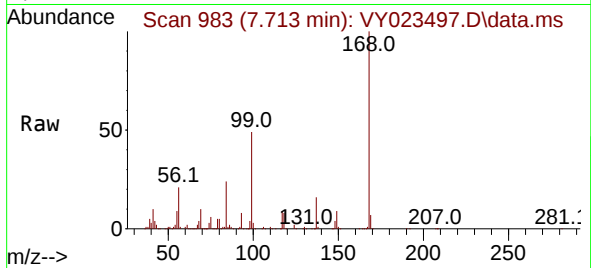
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion:168 Resp: 523739
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5

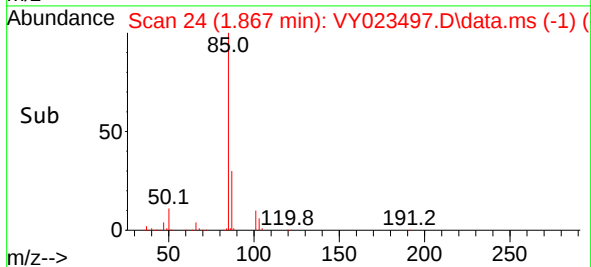
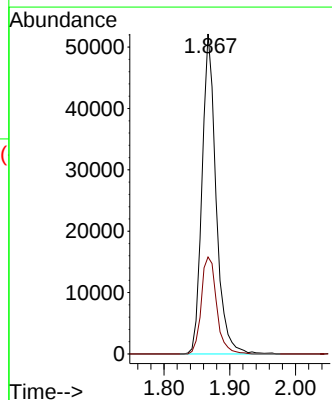
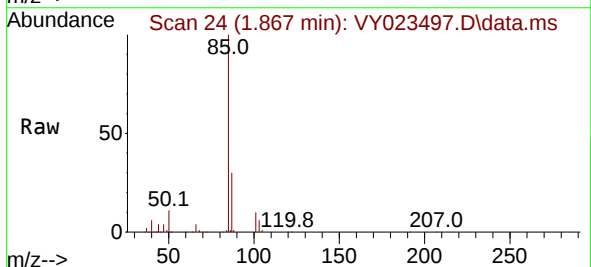
Manual Integrations
APPROVED

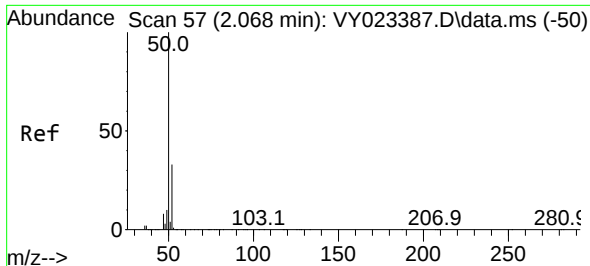
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 20.550 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

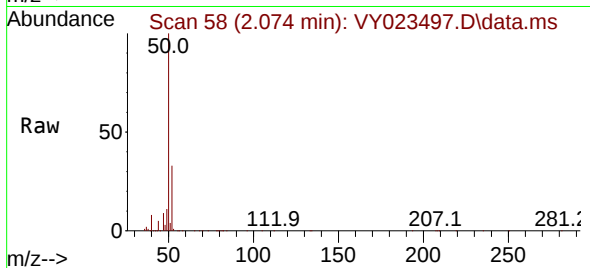
Tgt Ion: 85 Resp: 77468
Ion Ratio Lower Upper
85 100
87 30.3 16.0 47.9





#3
Chloromethane
Concen: 18.869 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

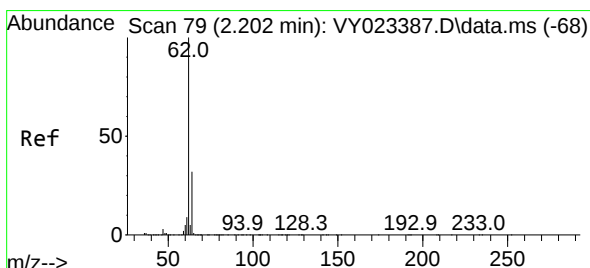
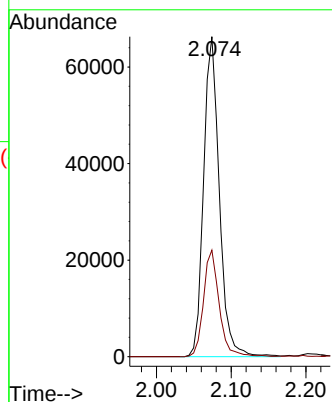
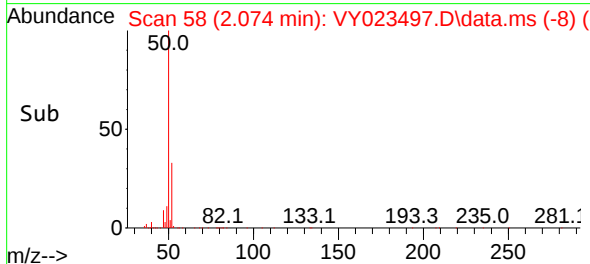
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 50 Resp: 96902
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2

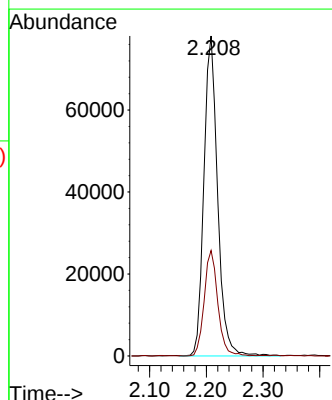
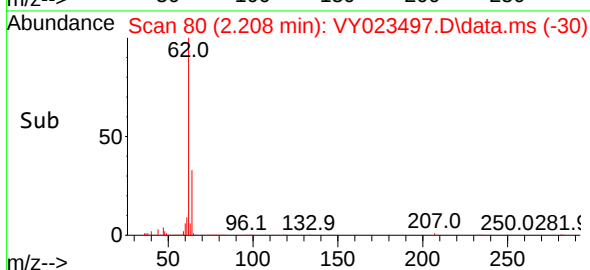
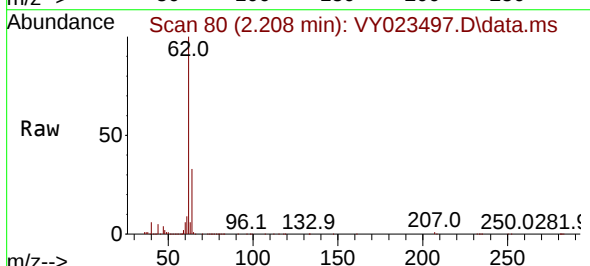
Manual Integrations
APPROVED

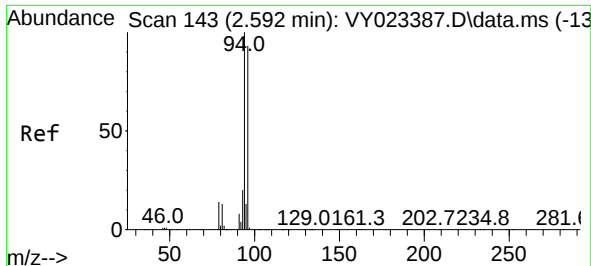
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 19.613 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

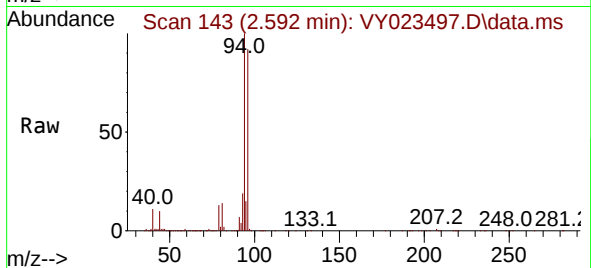
Tgt Ion: 62 Resp: 131187
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.8





#5
Bromomethane
Concen: 21.031 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

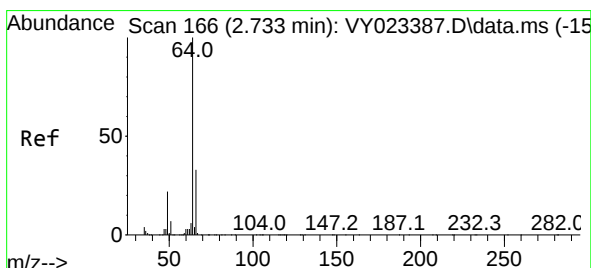
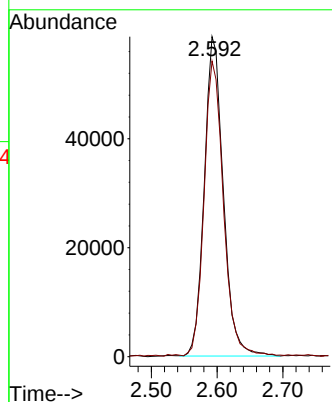
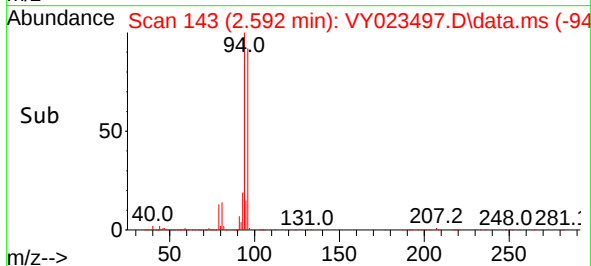
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



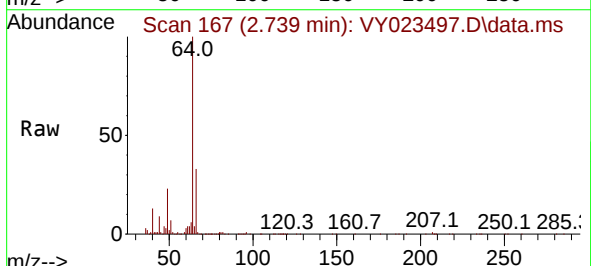
Tgt Ion: 94 Resp: 11805
Ion Ratio Lower Upper
94 100
96 92.1 74.5 111.7

Manual Integrations
APPROVED

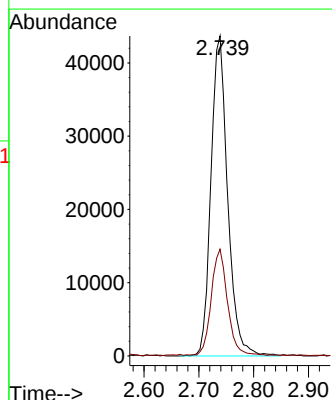
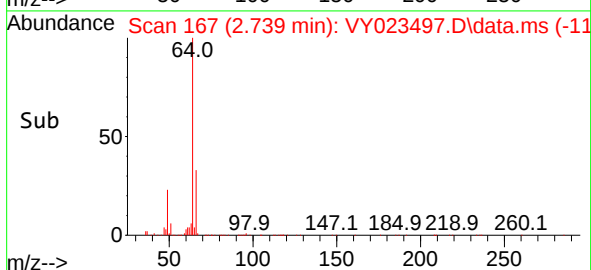
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

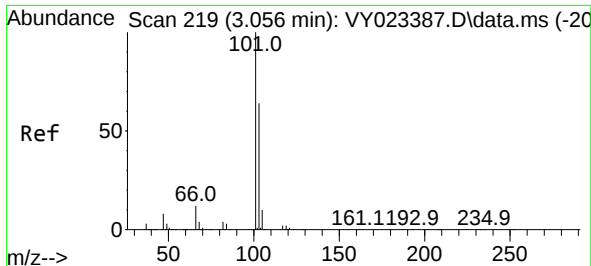


#6
Chloroethane
Concen: 20.216 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



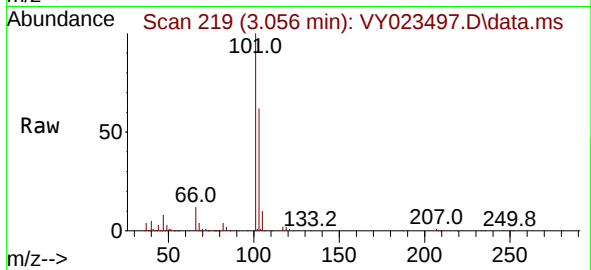
Tgt Ion: 64 Resp: 92174
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.832 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

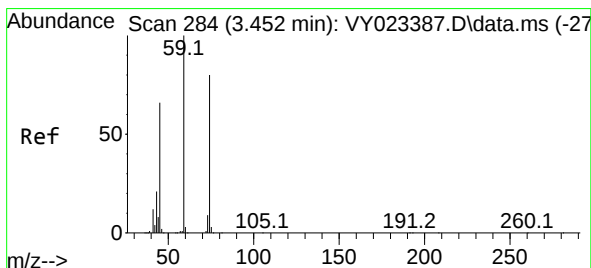
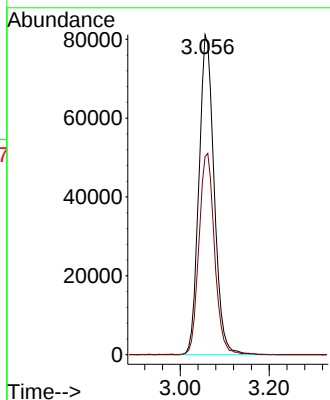
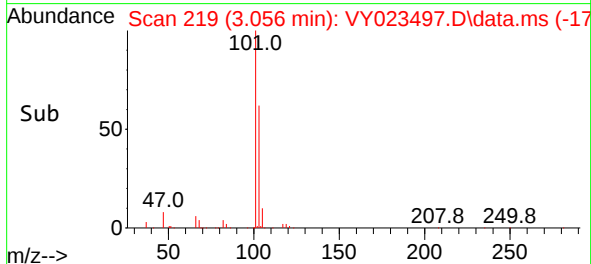
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



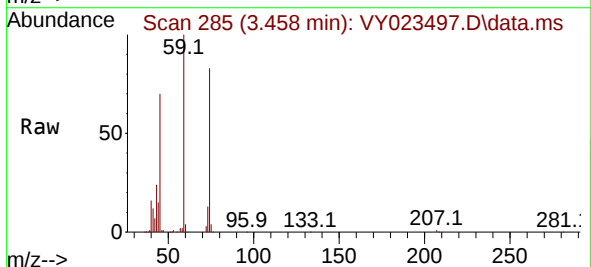
Tgt Ion:101 Resp: 19347
Ion Ratio Lower Upper
101 100
103 61.9 51.3 76.9

Manual Integrations
APPROVED

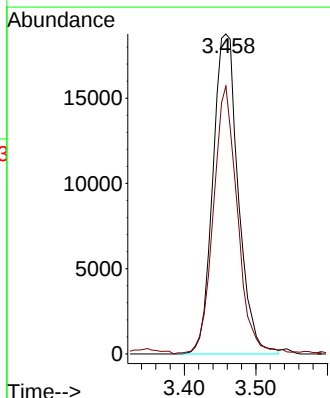
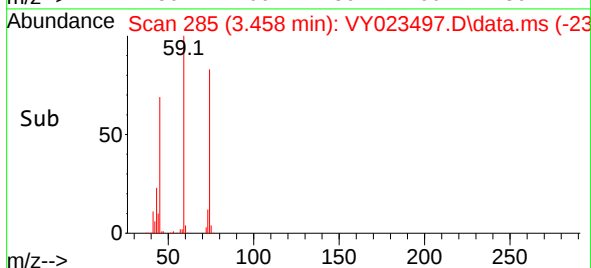
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

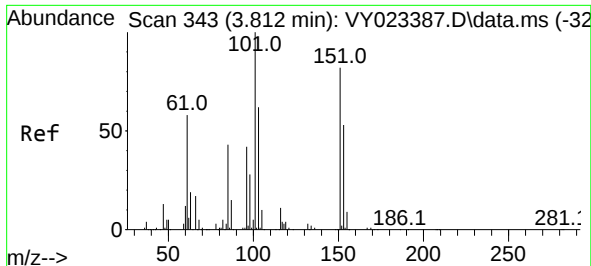


#8
Diethyl Ether
Concen: 19.115 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 74 Resp: 46390
Ion Ratio Lower Upper
74 100
45 78.3 39.9 119.7





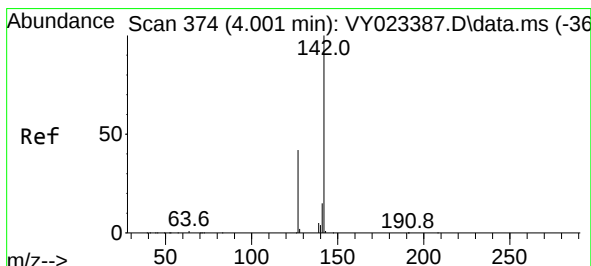
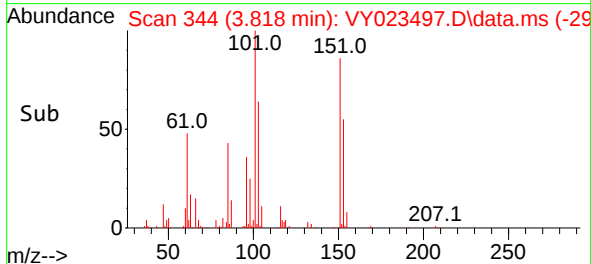
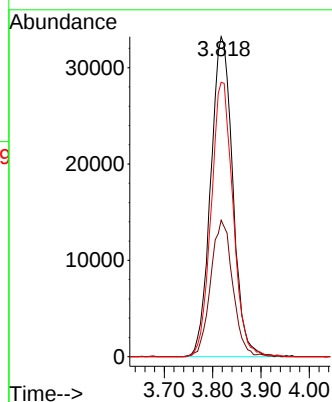
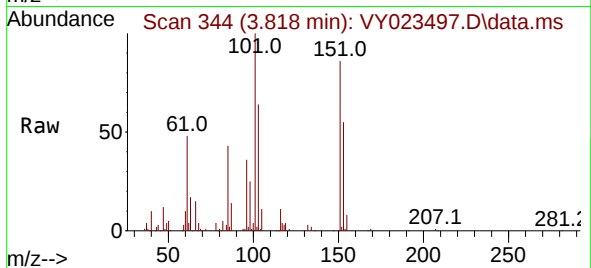
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.823 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion:101 Resp: 10517
Ion Ratio Lower Upper
101 100
85 42.4 34.6 51.8
151 85.1 67.0 100.6

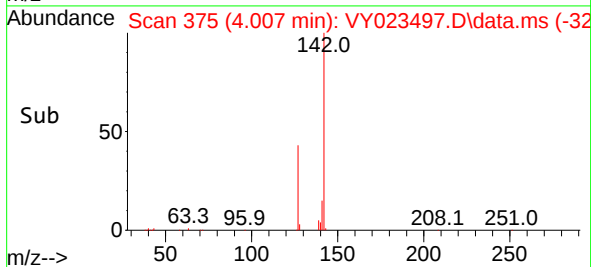
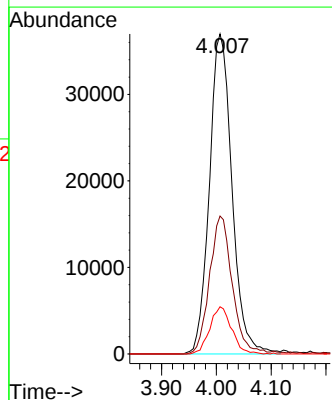
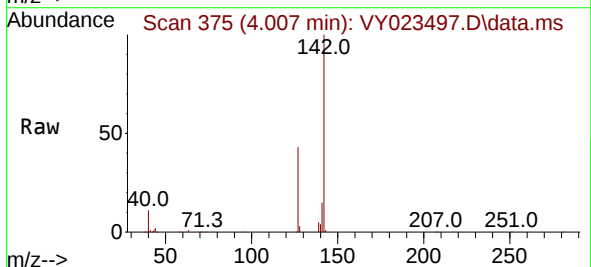
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 19.721 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

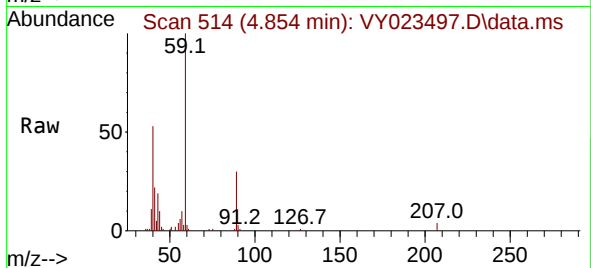
Tgt Ion:142 Resp: 105809
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 99.203 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

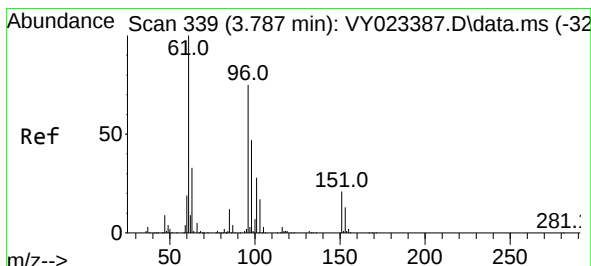
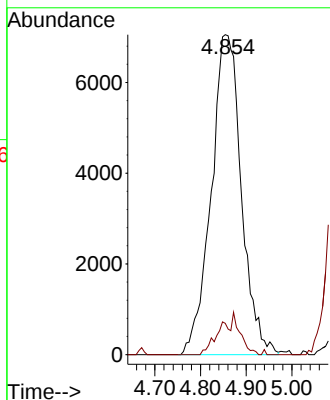
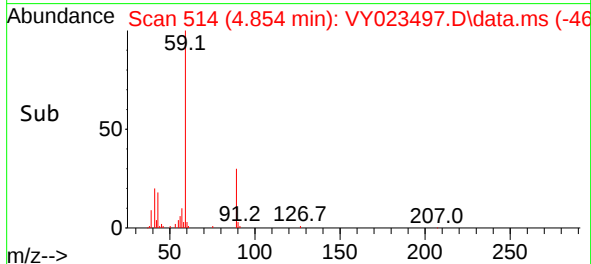
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



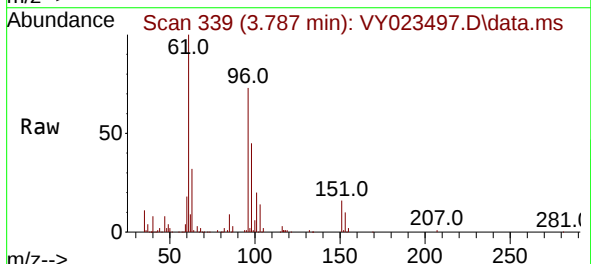
Tgt Ion: 59 Resp: 3232
Ion Ratio Lower Upper
59 100
57 5.1 8.3 12.5

Manual Integrations
APPROVED

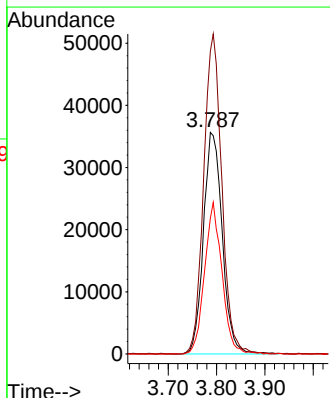
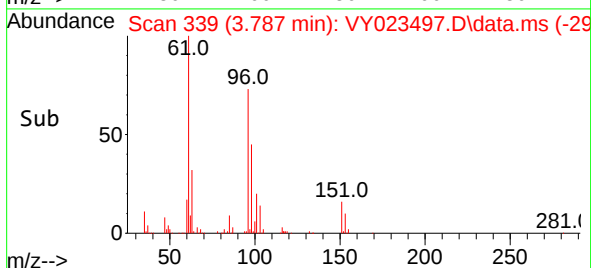
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

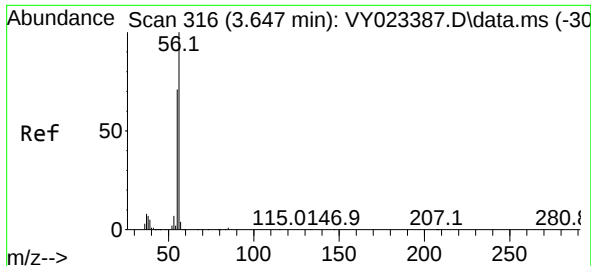


#12
1,1-Dichloroethene
Concen: 20.652 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



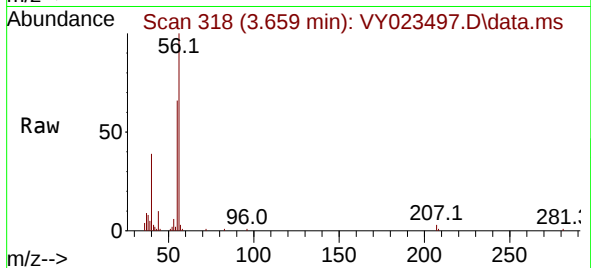
Tgt Ion: 96 Resp: 96483
Ion Ratio Lower Upper
96 100
61 136.6 106.7 160.1
98 61.2 50.2 75.4





#13
Acrolein
Concen: 51.859 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

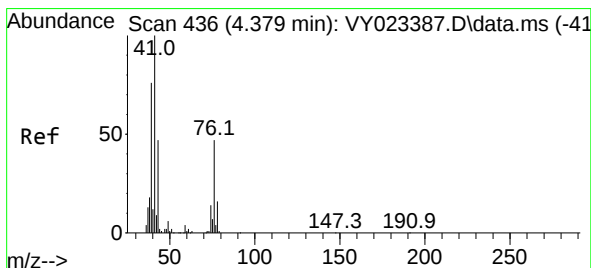
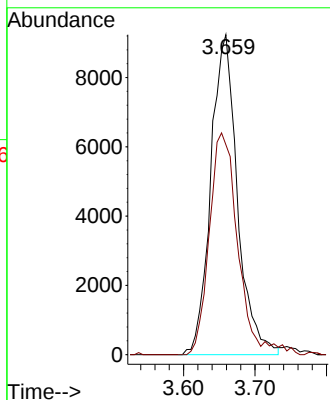
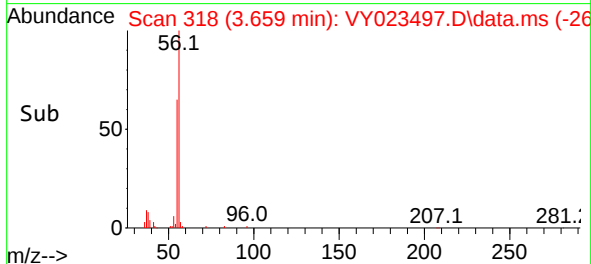
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 56 Resp: 2387
Ion Ratio Lower Upper
56 100
55 74.4 56.1 84.1

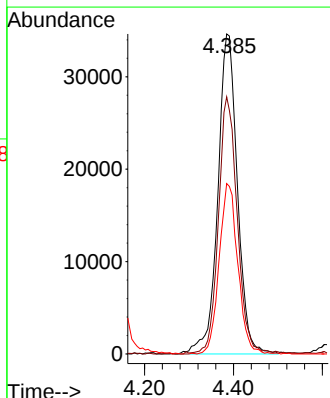
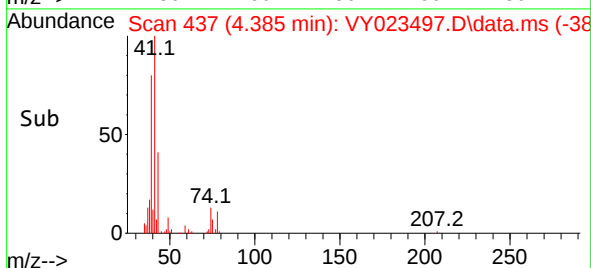
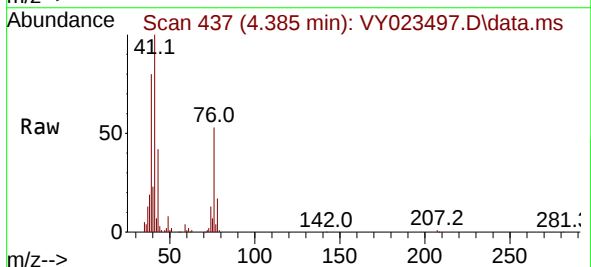
Manual Integrations
APPROVED

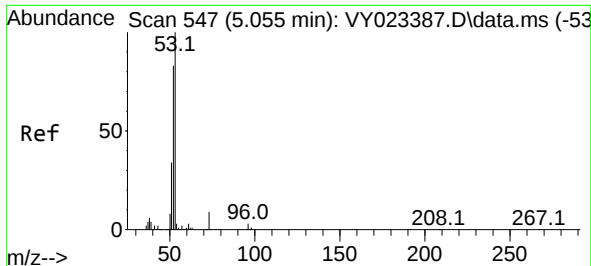
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 18.599 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

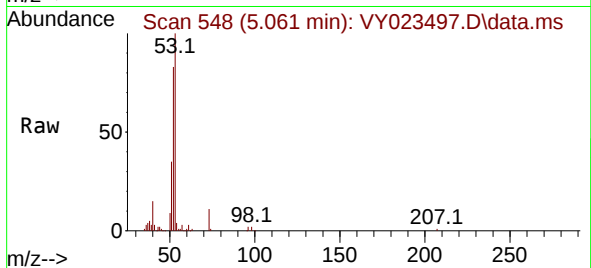
Tgt Ion: 41 Resp: 105896
Ion Ratio Lower Upper
41 100
39 75.4 59.9 89.9
76 50.7 38.0 57.0





#15
Acrylonitrile
Concen: 94.259 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

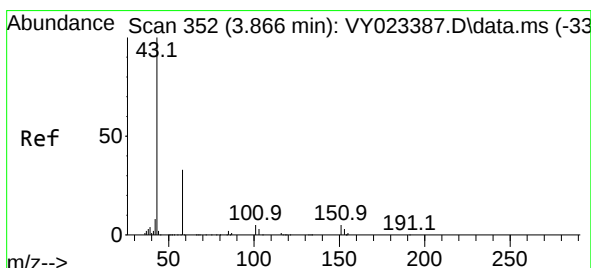
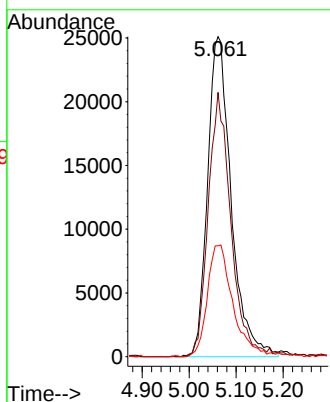
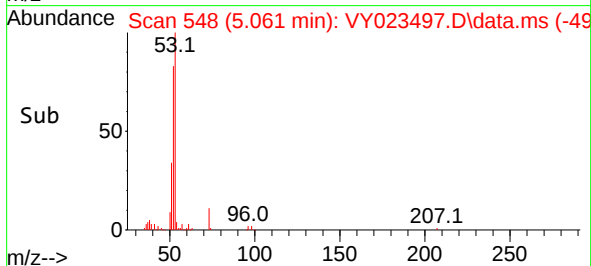
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 53 Resp: 87542
Ion Ratio Lower Upper
53 100
52 79.3 64.6 97.0
51 37.5 29.5 44.3

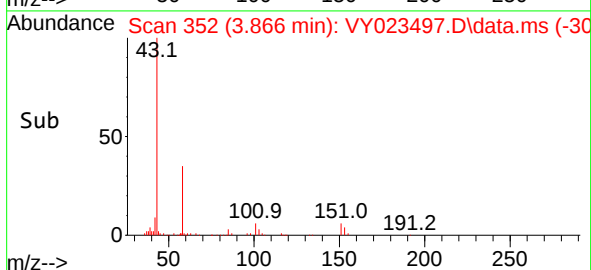
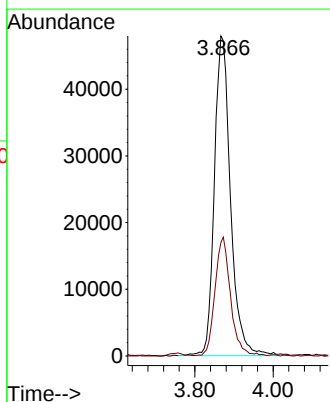
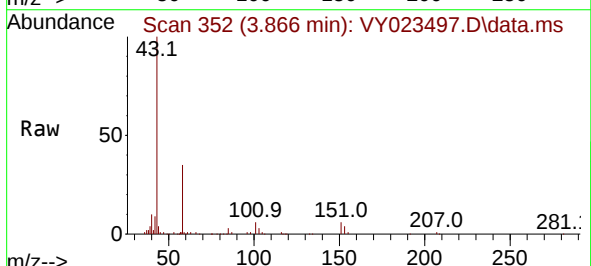
Manual Integrations
APPROVED

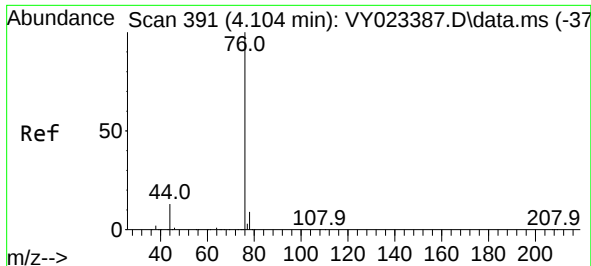
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 131.334 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

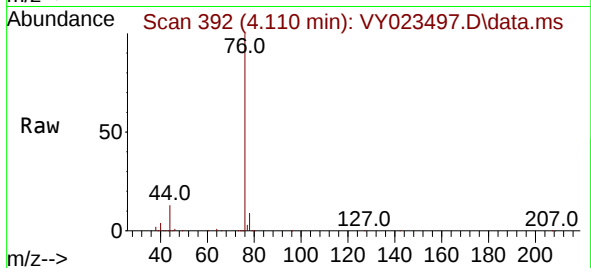
Tgt Ion: 43 Resp: 136934
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5





#17
Carbon Disulfide
Concen: 20.154 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

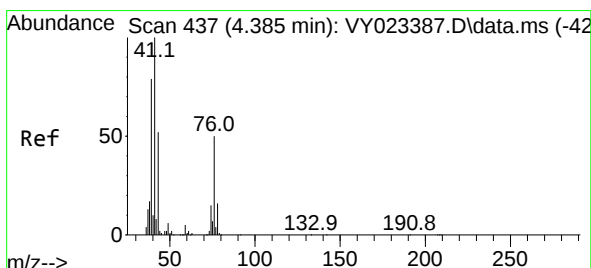
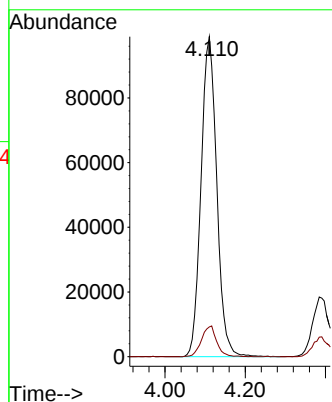
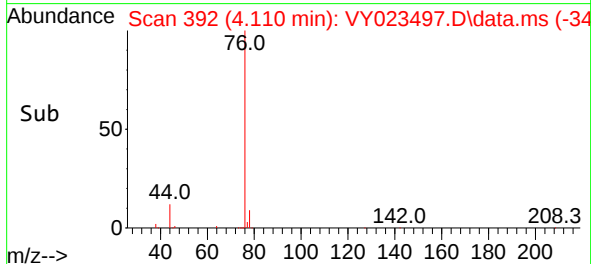
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 76 Resp: 26948
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

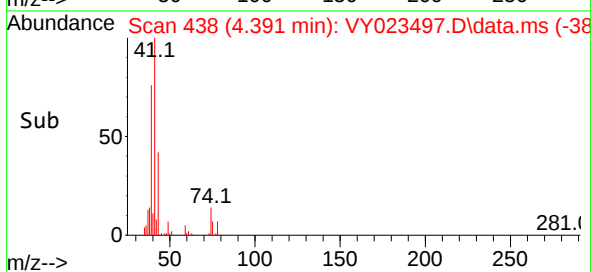
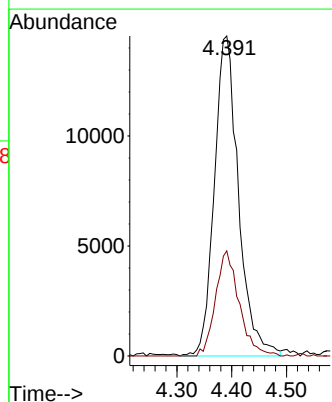
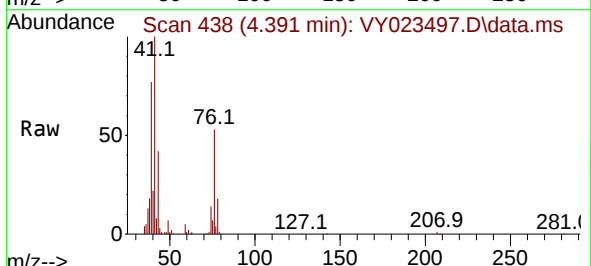
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 16.275 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 43 Resp: 44512
Ion Ratio Lower Upper
43 100
74 32.1 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.950 ug/l

RT: 5.116 min Scan# 557

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion: 73 Resp: 21278

Ion Ratio Lower Upper

73 100

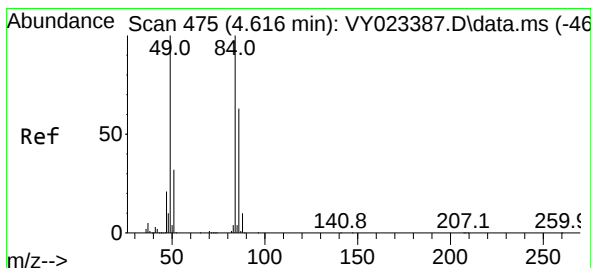
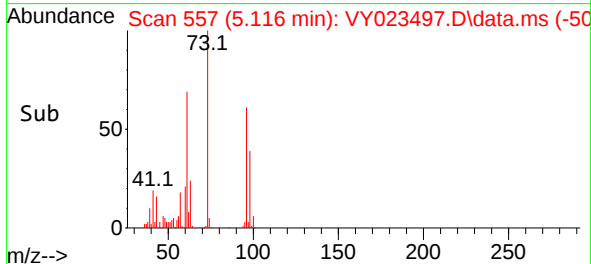
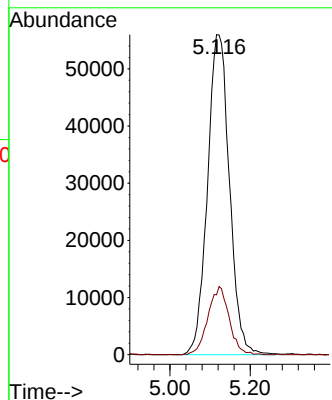
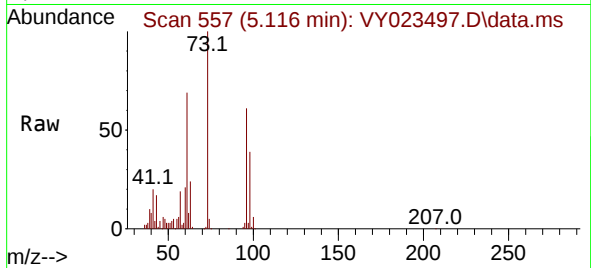
57 18.7 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#20

Methylene Chloride

Concen: 19.027 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion: 84 Resp: 107272

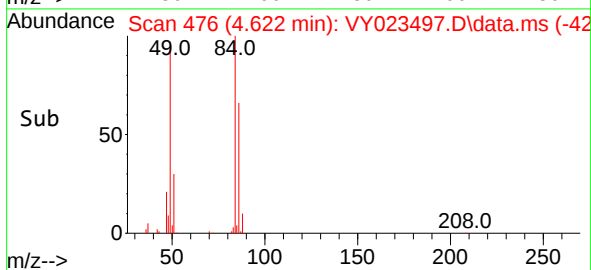
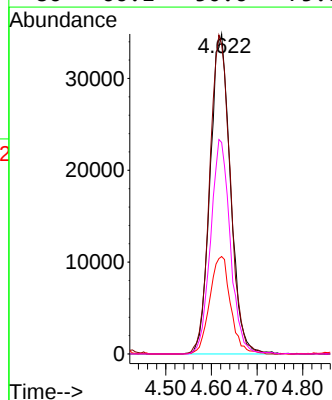
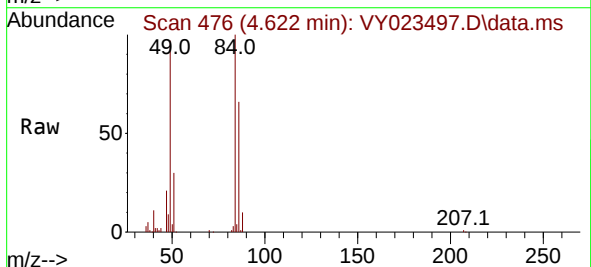
Ion Ratio Lower Upper

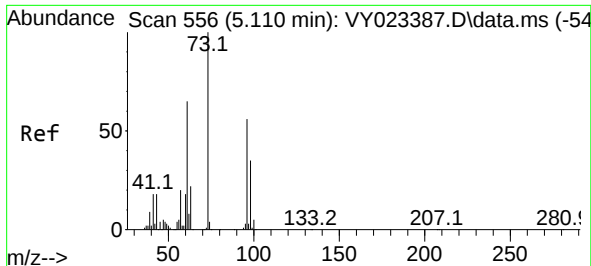
84 100

49 96.8 80.2 120.4

51 30.5 25.9 38.9

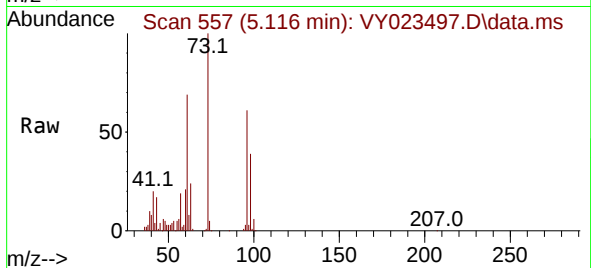
86 66.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.758 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

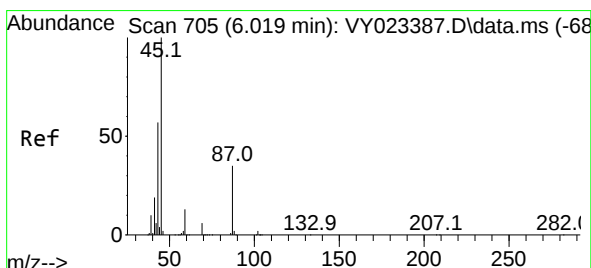
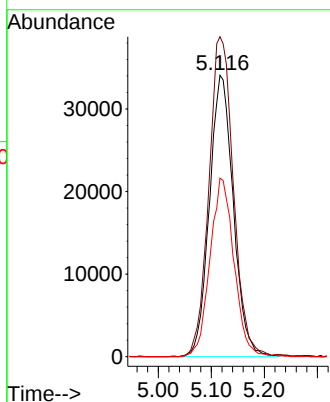
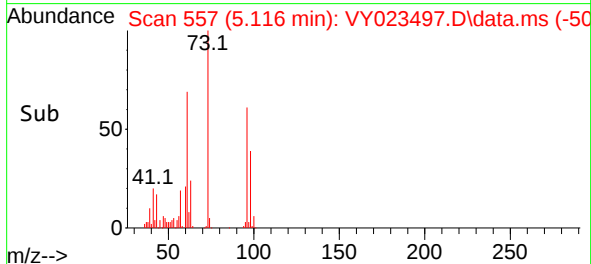
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



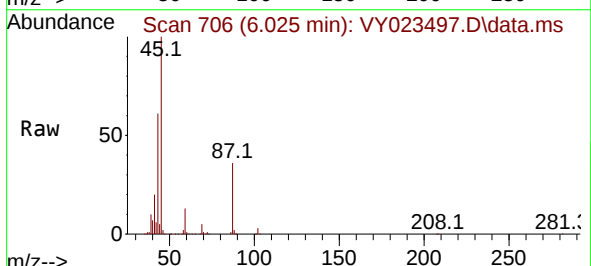
Tgt Ion: 96 Resp: 106769
Ion Ratio Lower Upper
96 100
61 113.7 92.7 139.1
98 63.4 49.7 74.5

Manual Integrations
APPROVED

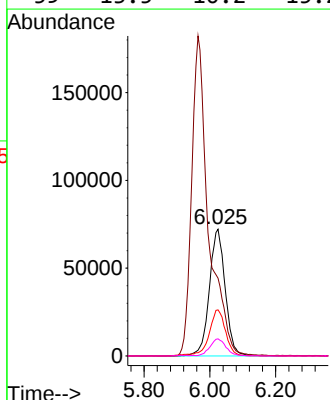
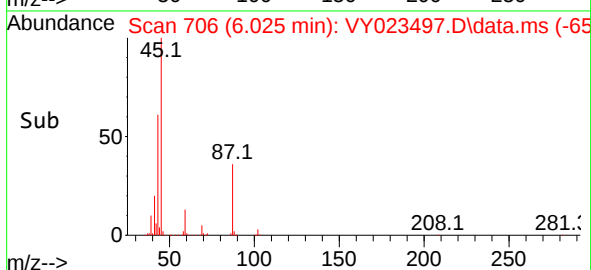
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

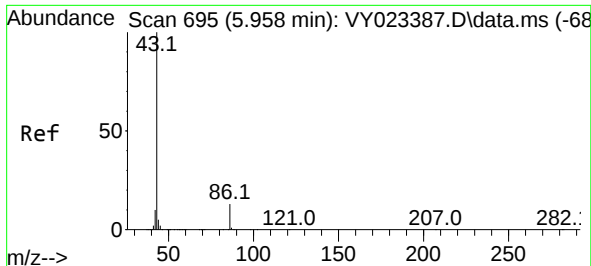


#22
Diisopropyl ether
Concen: 19.192 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



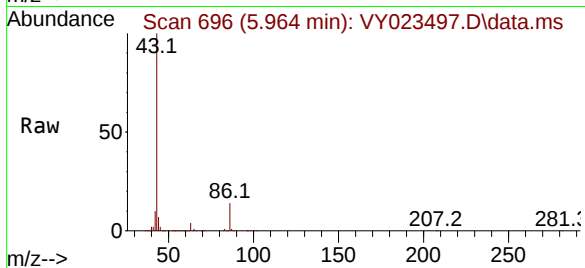
Tgt Ion: 45 Resp: 241713
Ion Ratio Lower Upper
45 100
43 61.0 45.6 68.4
87 36.4 28.1 42.1
59 13.5 10.2 15.2





#23
 Vinyl Acetate
 Concen: 94.852 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

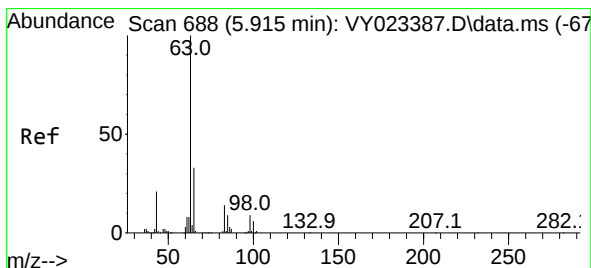
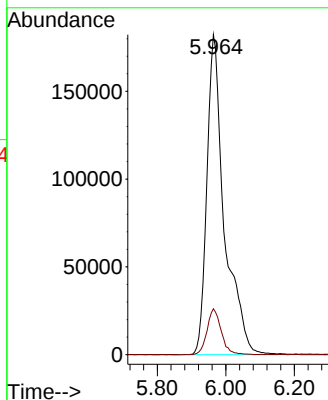
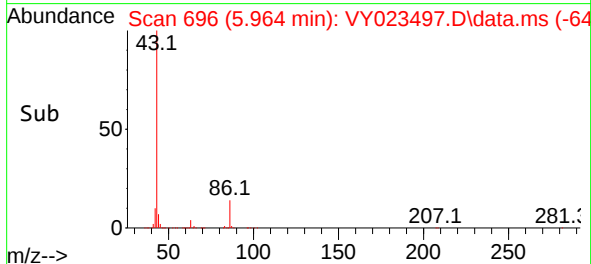
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBS01



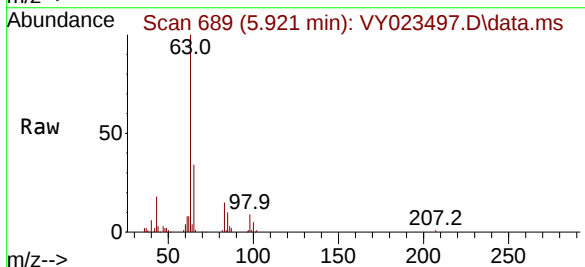
Tgt Ion: 43 Resp: 646610
 Ion Ratio Lower Upper
 43 100
 86 14.3 10.6 15.8

Manual Integrations
 APPROVED

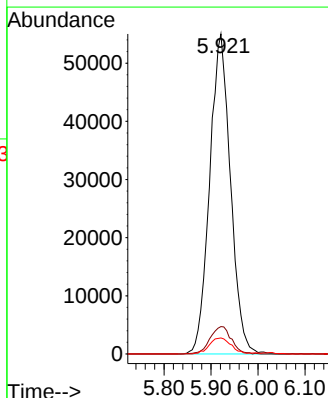
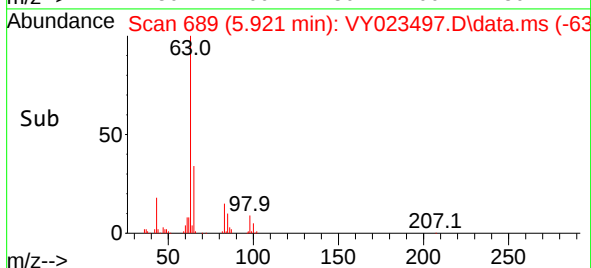
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#24
 1,1-Dichloroethane
 Concen: 20.276 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07



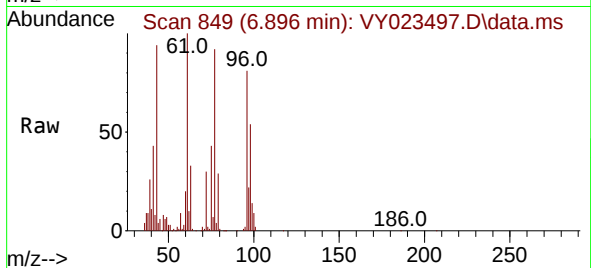
Tgt Ion: 63 Resp: 169150
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.0 2.8 8.4





#25
2-Butanone
Concen: 111.983 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

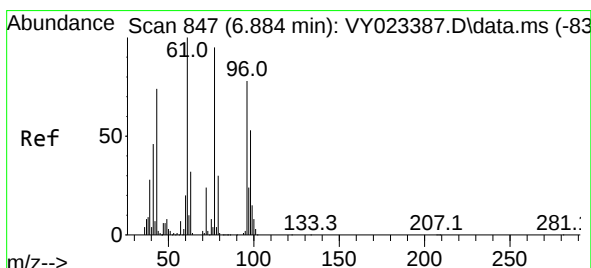
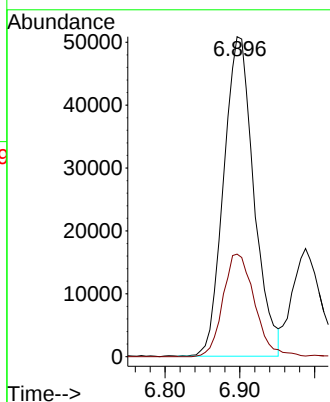
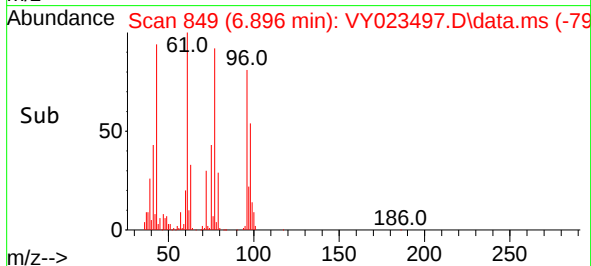
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



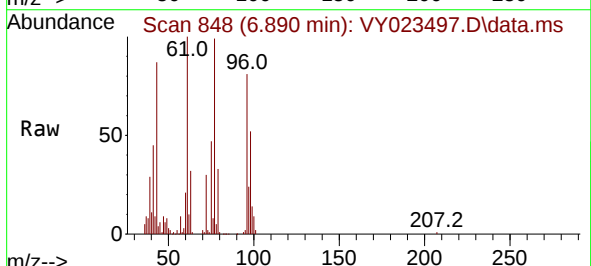
Tgt Ion: 43 Resp: 14254
Ion Ratio Lower Upper
43 100
72 32.1 27.4 41.2

Manual Integrations
APPROVED

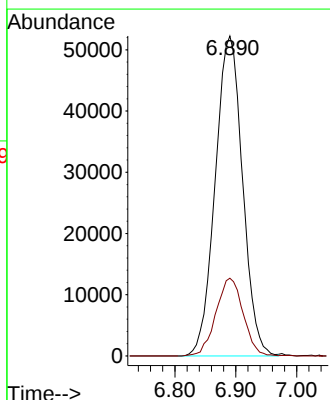
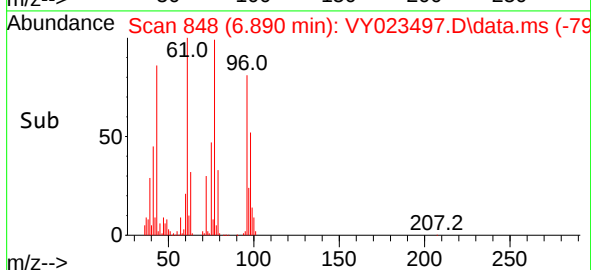
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 21.293 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 77 Resp: 163000
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.372 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023497.D

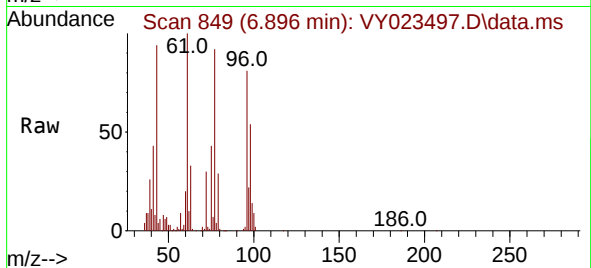
Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01



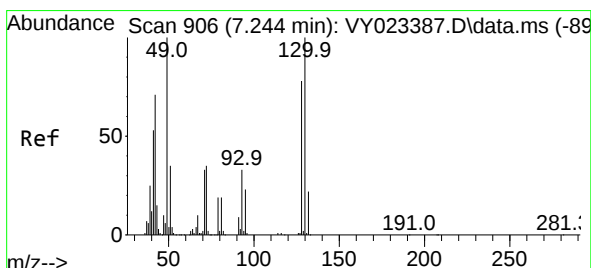
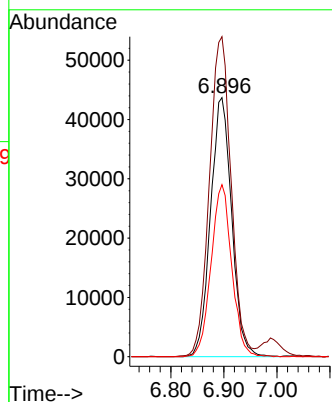
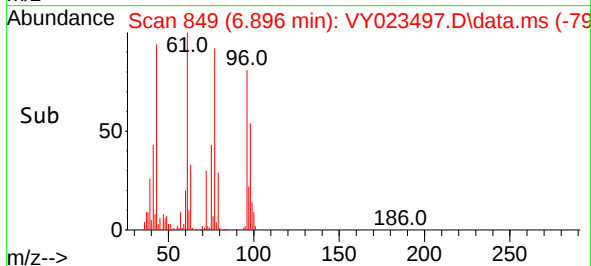
Tgt Ion:	96	Resp:	12104
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	258.2
98	64.9	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 20.115 ug/l

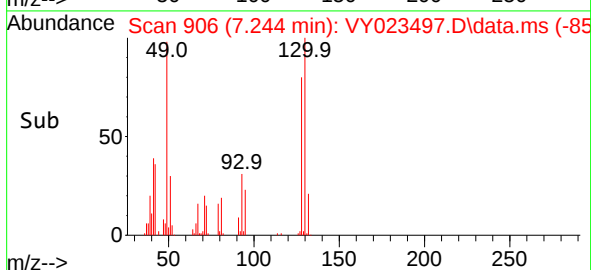
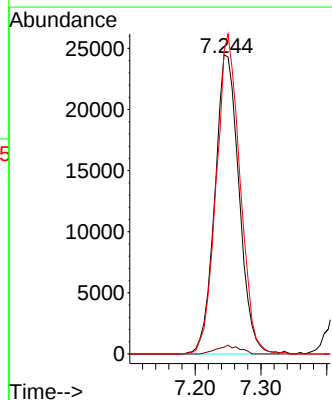
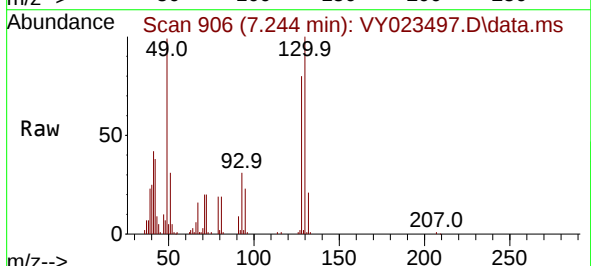
RT: 7.244 min Scan# 906

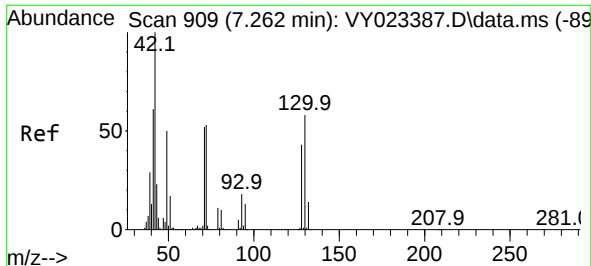
Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:	49	Resp:	62645
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	104.8	81.9	122.9





#29

Tetrahydrofuran

Concen: 85.382 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion: 42 Resp: 6163

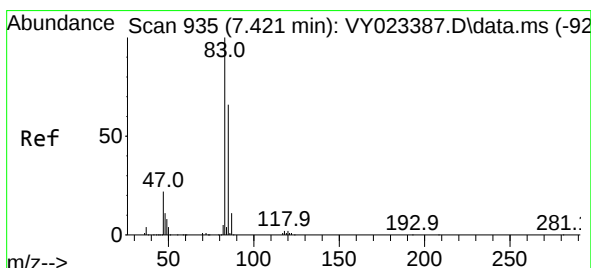
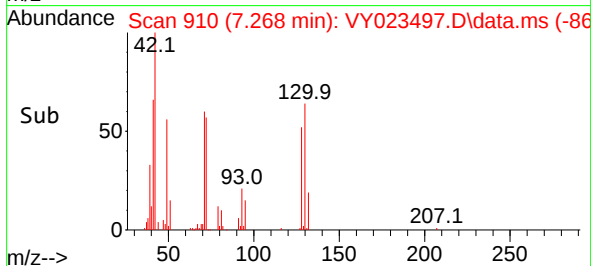
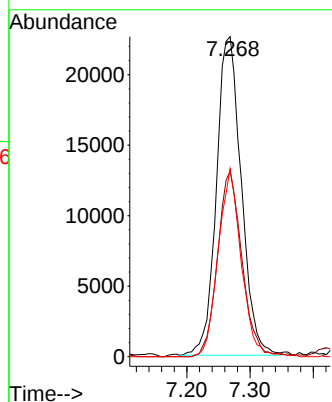
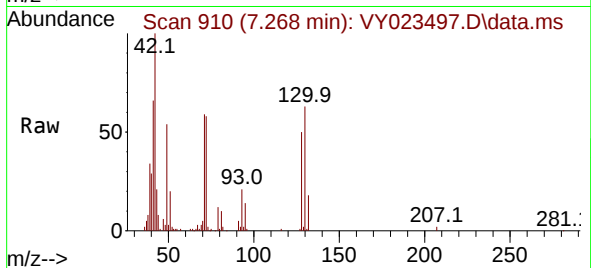
Ion	Ratio	Lower	Upper
42	100		
72	57.3	43.0	64.6
71	54.8	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 20.827 ug/l

RT: 7.421 min Scan# 935

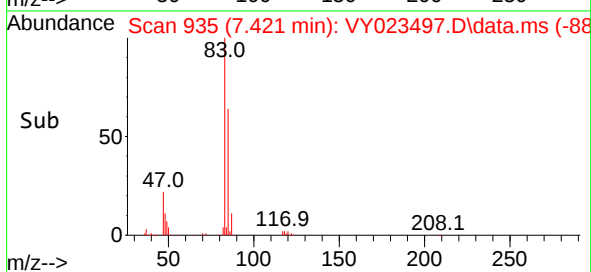
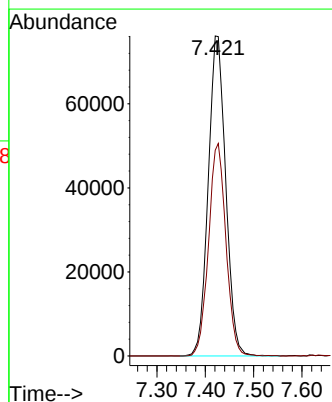
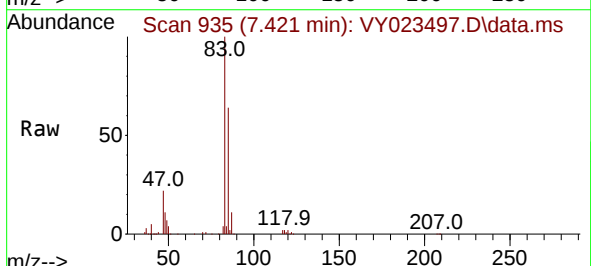
Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion: 83 Resp: 190902

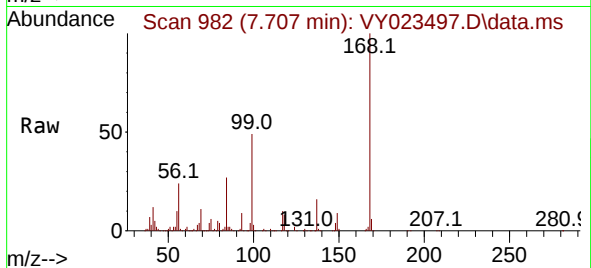
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





#31
Cyclohexane
Concen: 18.993 ug/l
RT: 7.707 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

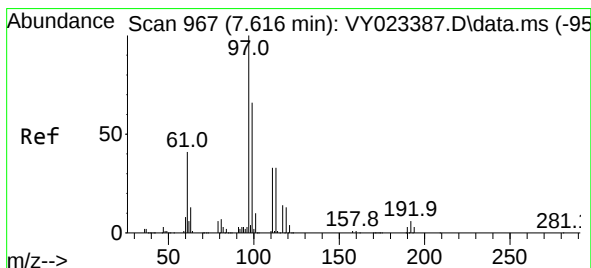
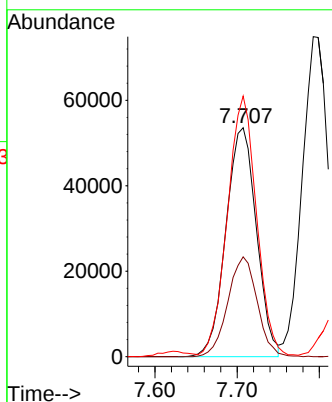
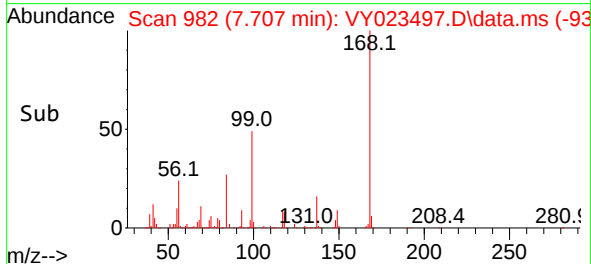
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



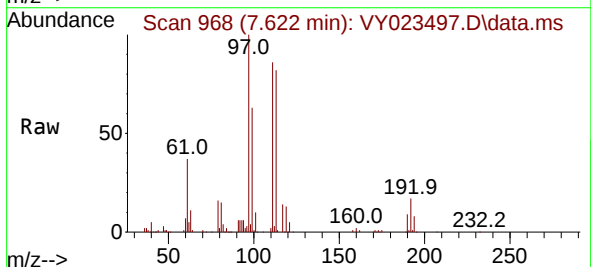
Tgt Ion: 56 Resp: 138372
Ion Ratio Lower Upper
56 100
69 43.6 30.0 45.0
84 111.6 81.2 121.8

Manual Integrations
APPROVED

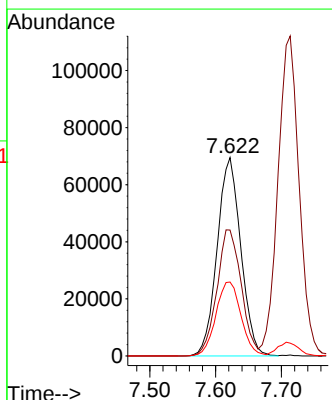
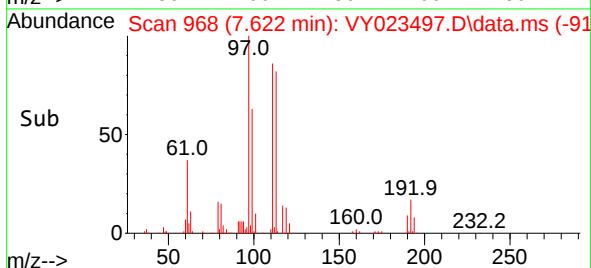
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

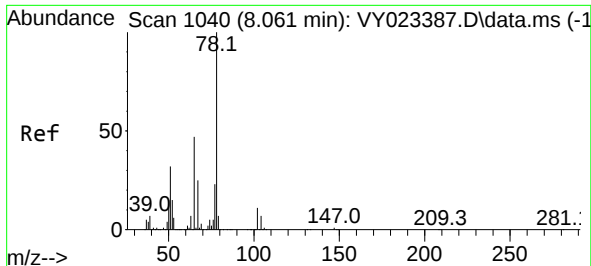


#32
1,1,1-Trichloroethane
Concen: 20.918 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 97 Resp: 174243
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 39.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.085 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion: 65 Resp: 201834

Ion Ratio Lower Upper

65 100

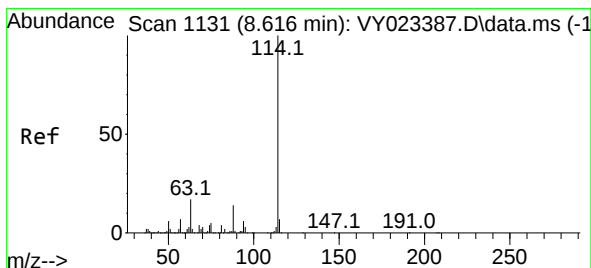
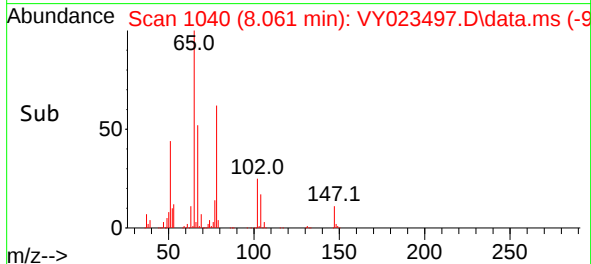
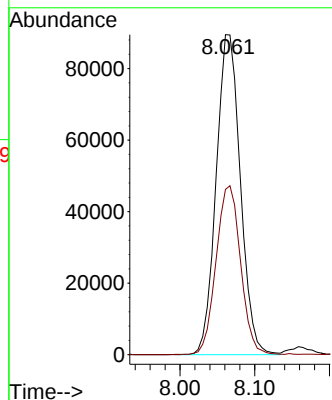
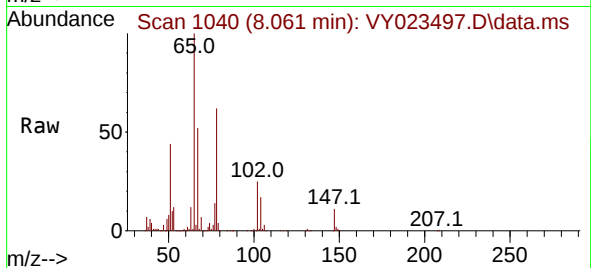
67 53.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

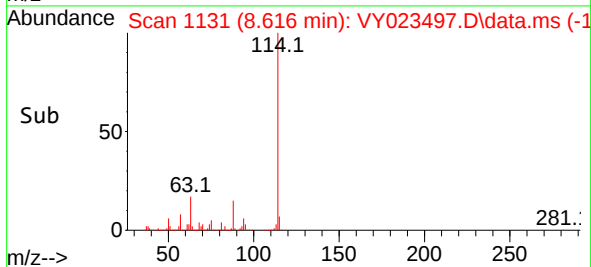
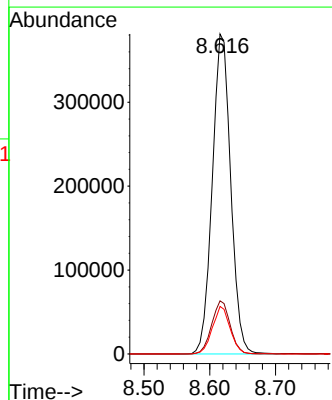
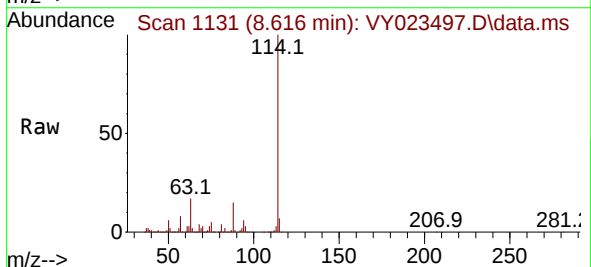
Tgt Ion:114 Resp: 742947

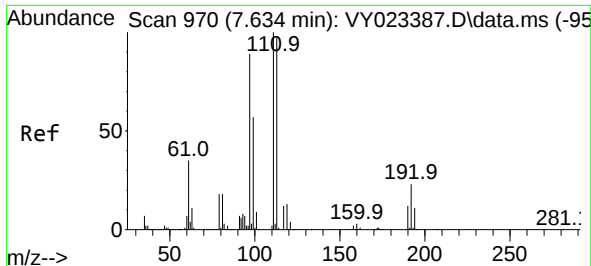
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.2

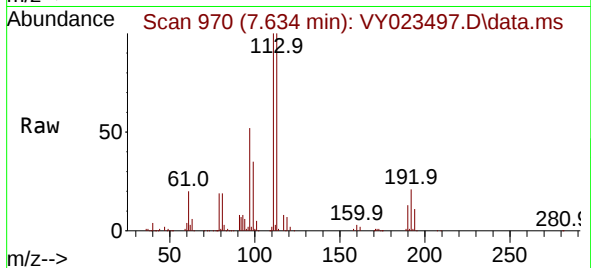
88 14.8 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

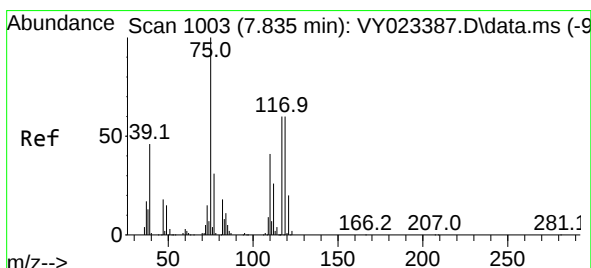
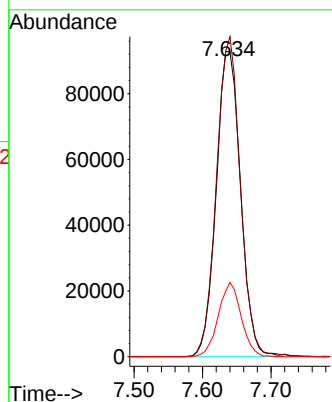
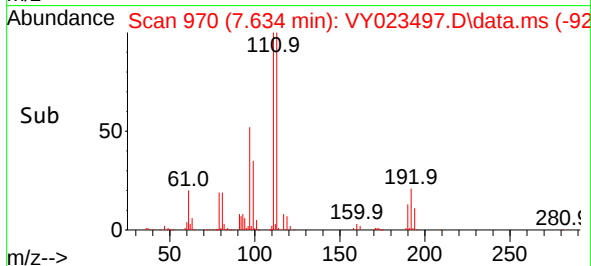
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



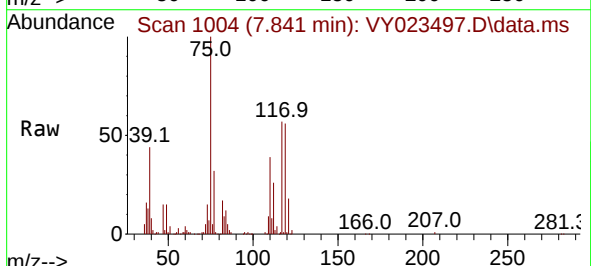
Tgt Ion:113 Resp: 229832
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 22.8 18.0 27.0

Manual Integrations
APPROVED

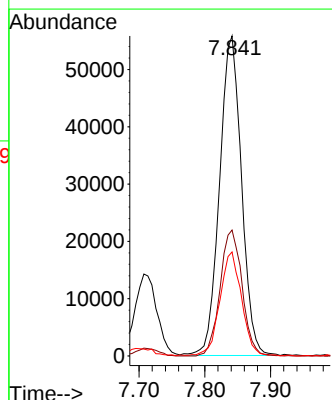
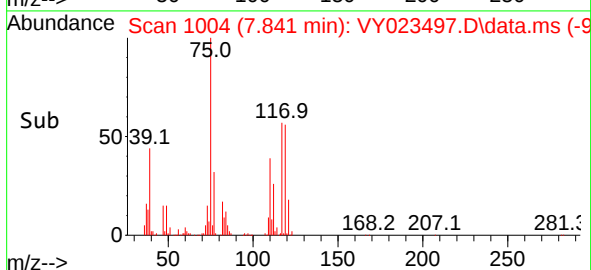
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

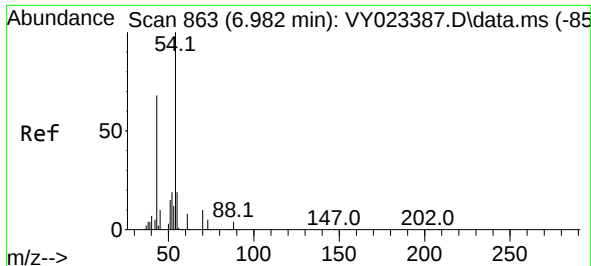


#36
1,1-Dichloropropene
Concen: 21.466 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 75 Resp: 129736
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.7
77 32.2 25.0 37.6





#37

Ethyl Acetate

Concen: 19.670 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023497.D

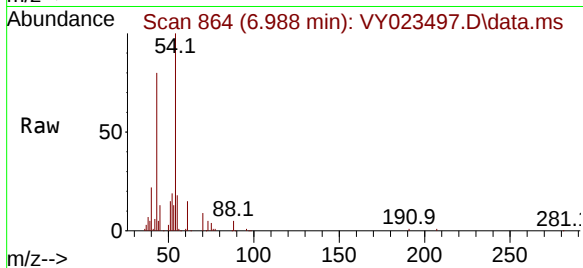
Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01



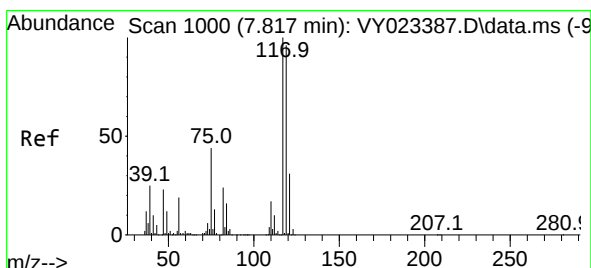
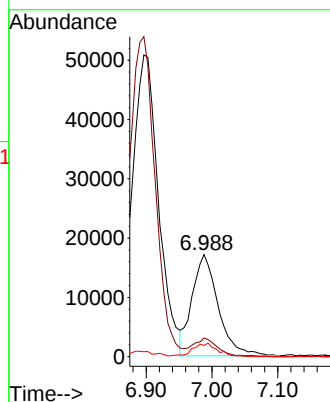
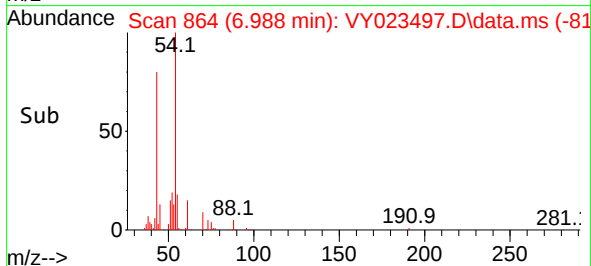
Tgt Ion:	43	Resp:	4709
Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.8	17.8
70	12.4	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 22.530 ug/l

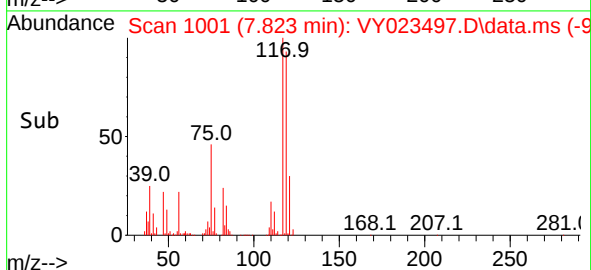
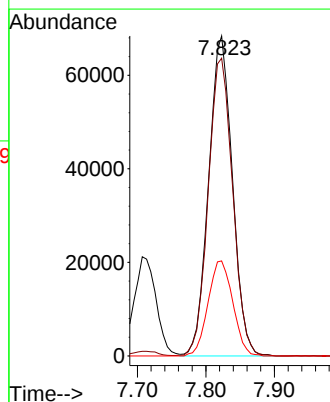
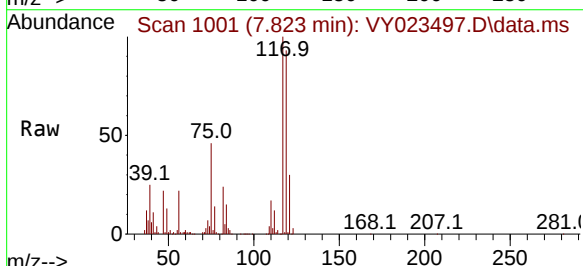
RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

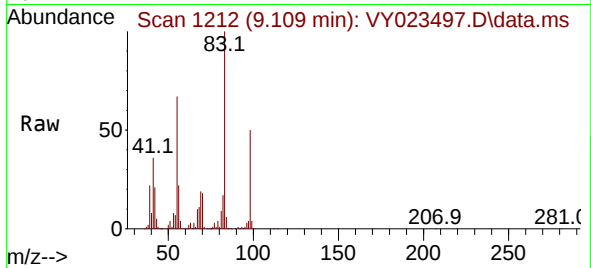
Tgt Ion:	117	Resp:	165108
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.8	115.2
121	29.7	24.5	36.7





#39
Methylcyclohexane
Concen: 20.389 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

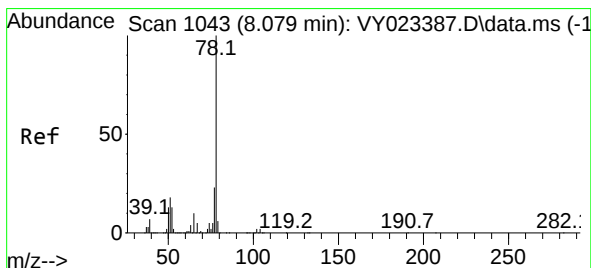
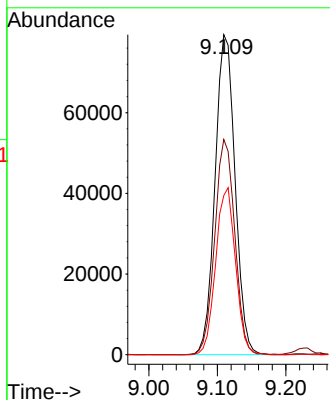
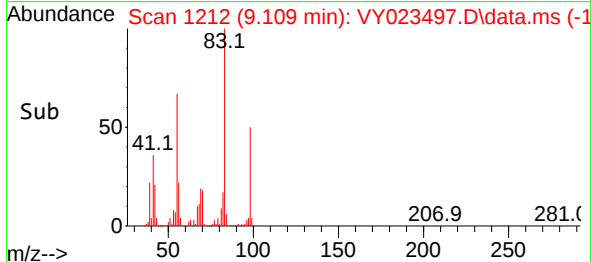
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 83 Resp: 16044
Ion Ratio Lower Upper
83 100
55 67.3 51.4 77.2
98 49.7 40.4 60.6

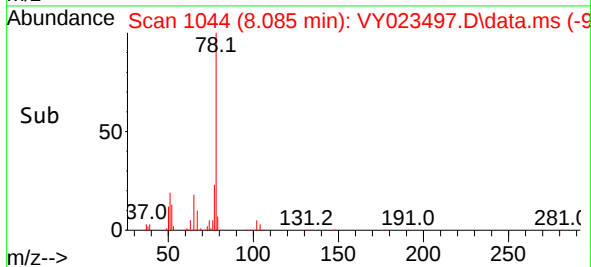
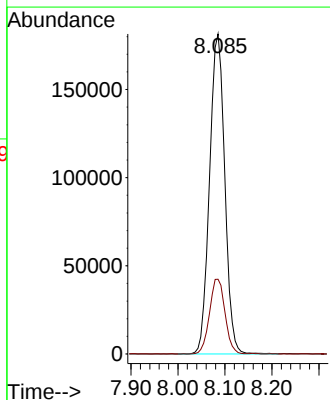
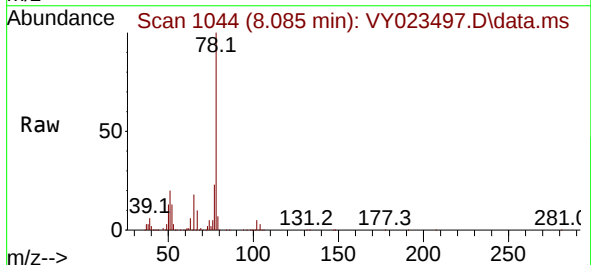
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#40
Benzene
Concen: 21.281 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

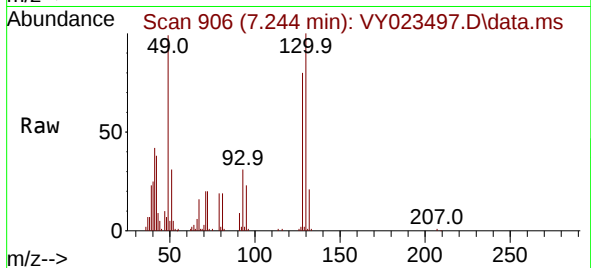
Tgt Ion: 78 Resp: 407322
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





#41
Methacrylonitrile
Concen: 21.353 ug/l m
RT: 7.244 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

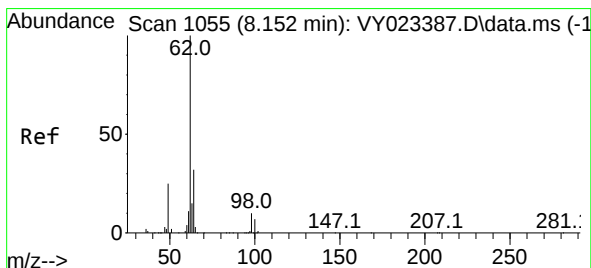
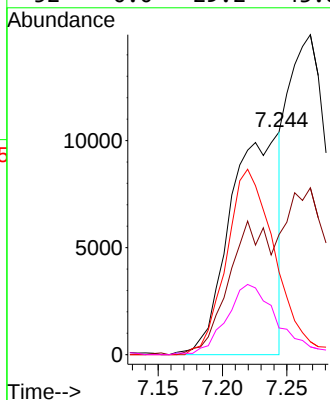
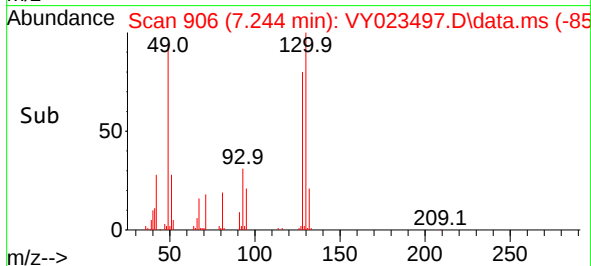
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 41 Resp: 2765
Ion Ratio Lower Upper
41 100
39 74.8 52.2 78.4
67 0.0 74.9 112.3
52 0.0 29.2 43.8#

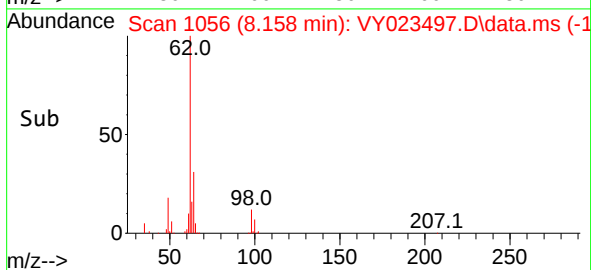
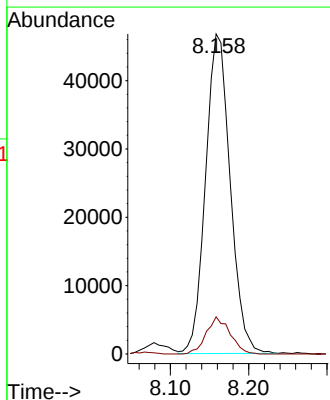
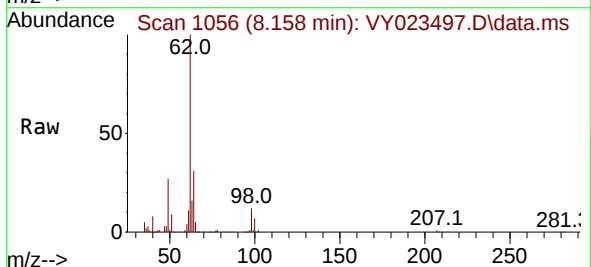
Manual Integrations
APPROVED

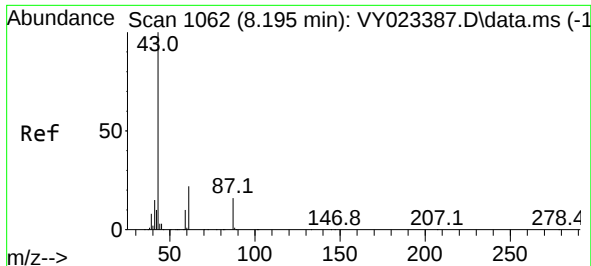
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 20.715 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

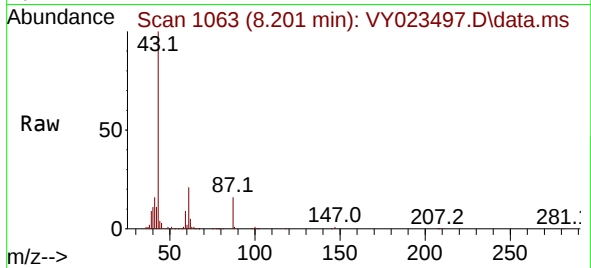
Tgt Ion: 62 Resp: 102253
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6





#43
Isopropyl Acetate
Concen: 18.794 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

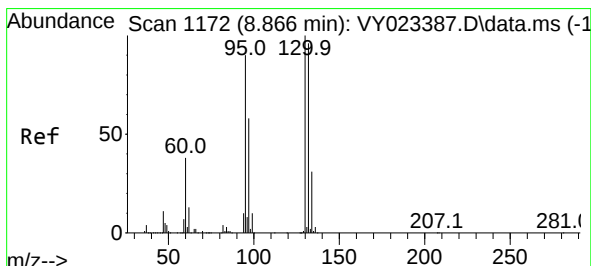
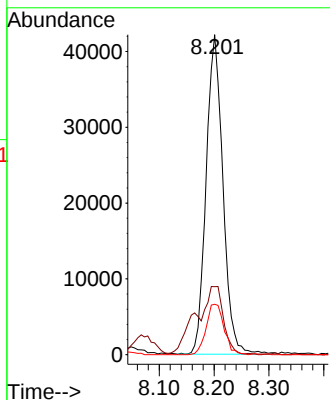
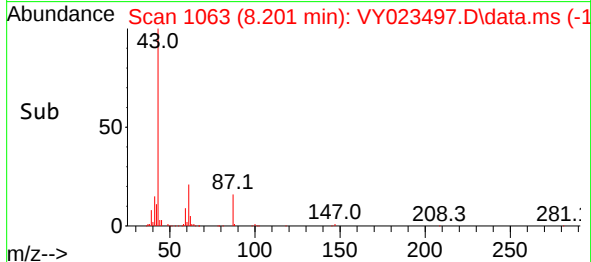
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 43 Resp: 89728
Ion Ratio Lower Upper
43 100
61 21.8 18.1 27.1
87 16.8 13.5 20.3

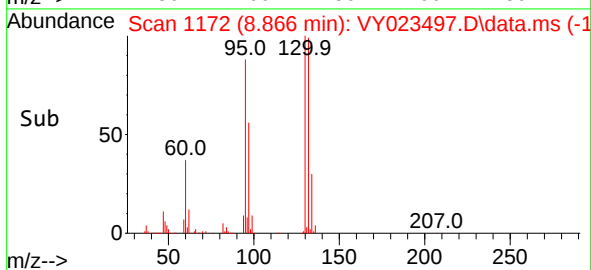
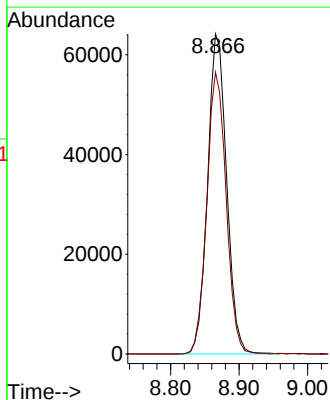
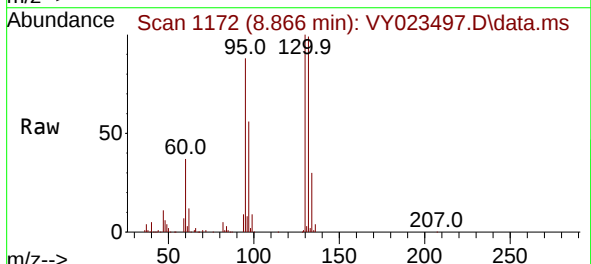
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 22.163 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:130 Resp: 124158
Ion Ratio Lower Upper
130 100
95 88.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.148 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion: 63 Resp: 8940

Ion Ratio Lower Upper

63 100

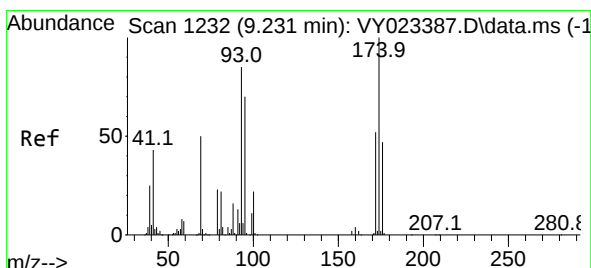
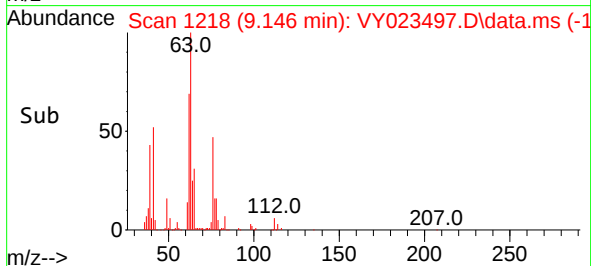
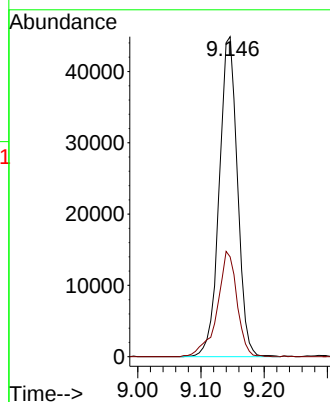
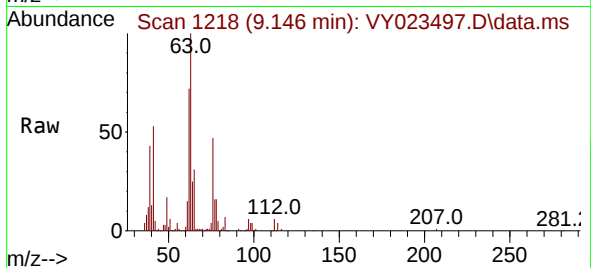
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 21.622 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

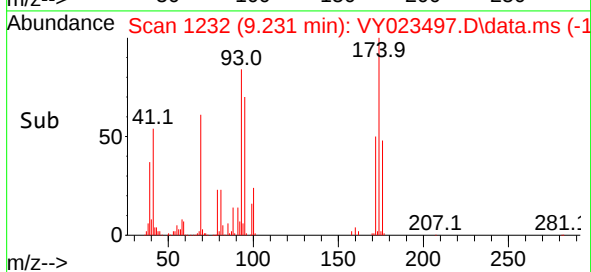
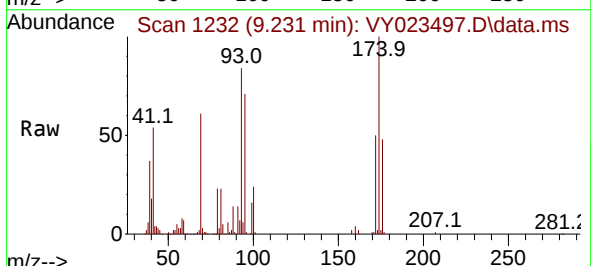
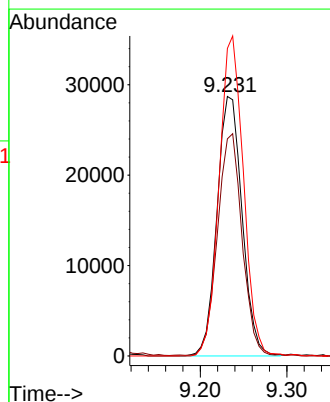
Tgt Ion: 93 Resp: 57801

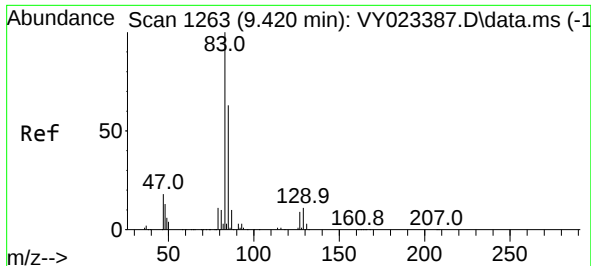
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.0

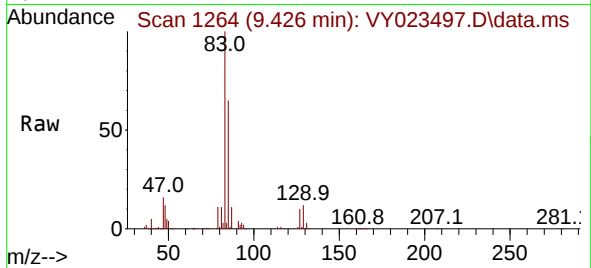
174 119.1 92.9 139.3





#47
Bromodichloromethane
Concen: 21.699 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

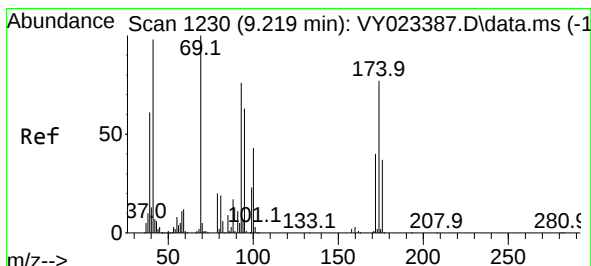
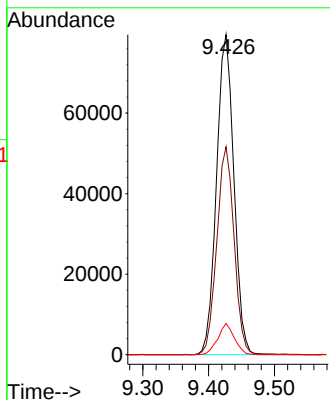
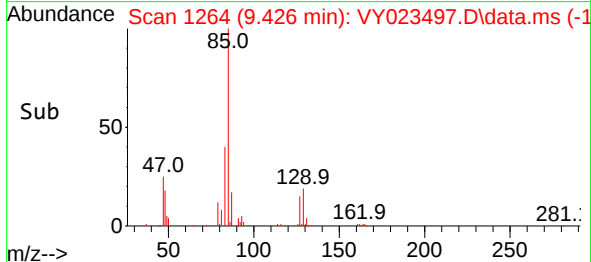
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 83 Resp: 146088
Ion Ratio Lower Upper
83 100
85 64.9 50.8 76.2
127 9.8 7.4 11.2

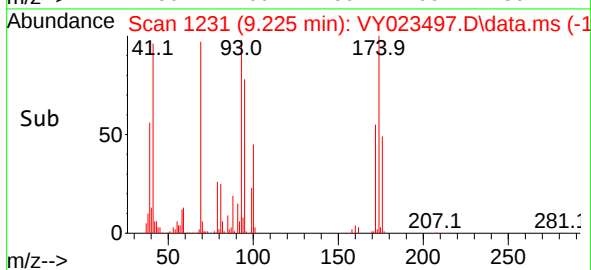
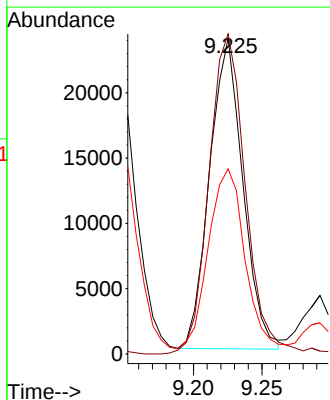
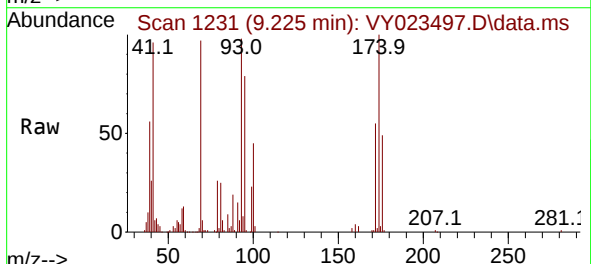
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 17.919 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 41 Resp: 40192
Ion Ratio Lower Upper
41 100
69 113.5 81.0 121.4
39 63.8 48.2 72.4





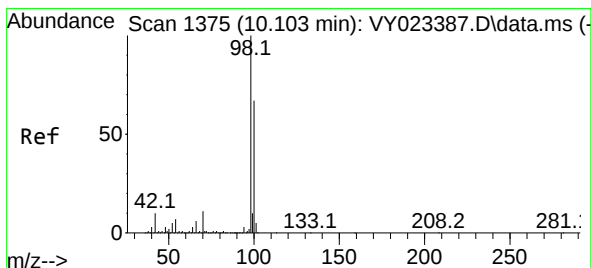
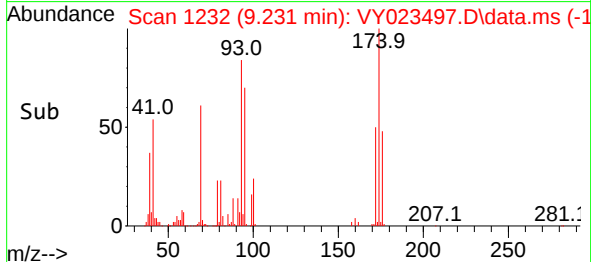
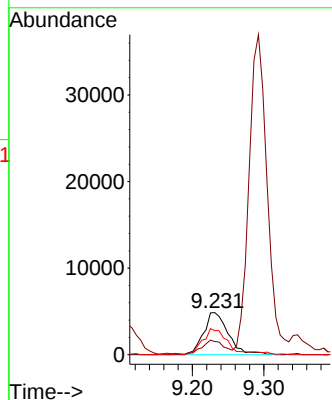
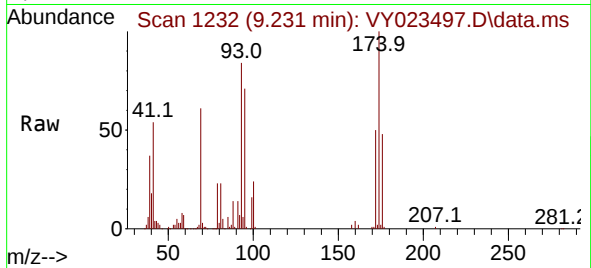
#49
1,4-Dioxane
Concen: 374.851 ug/l
RT: 9.231 min Scan# 11618
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion: 88 Resp: 11618
Ion Ratio Lower Upper
88 100
43 29.3 21.8 32.8
58 65.3 46.8 70.2

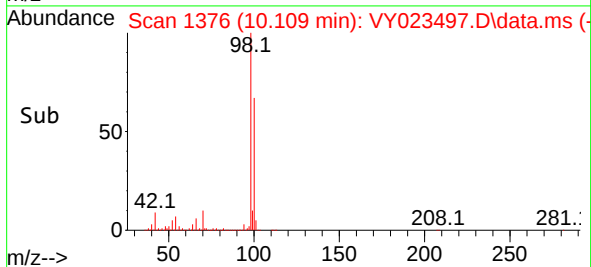
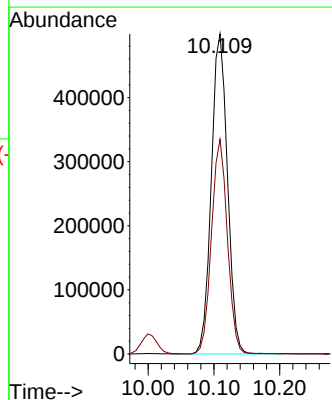
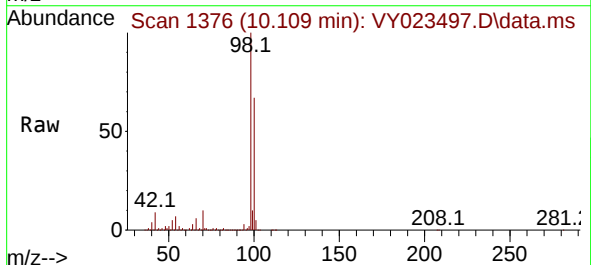
Manual Integrations
APPROVED

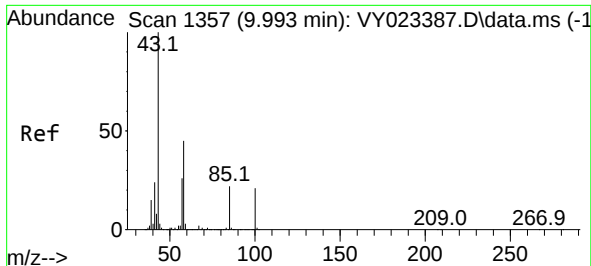
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
Toluene-d8
Concen: 50.206 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 98 Resp: 853532
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





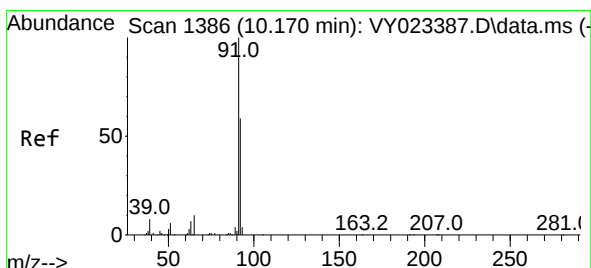
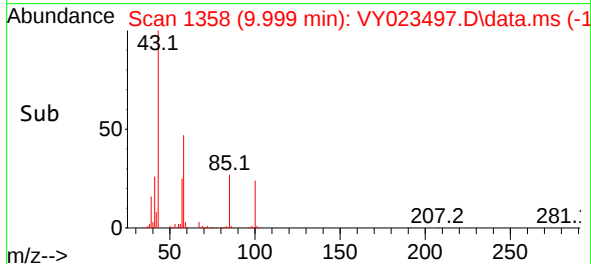
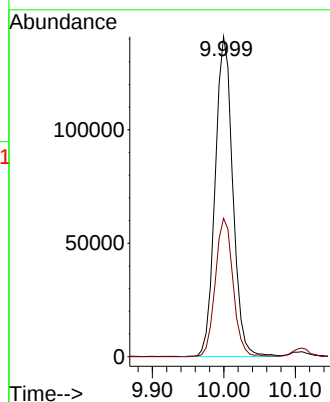
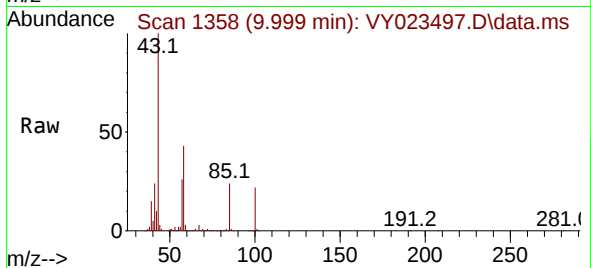
#51
4-Methyl-2-Pentanone
Concen: 97.770 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion: 43 Resp: 241172
Ion Ratio Lower Upper
43 100
58 43.6 35.3 52.9

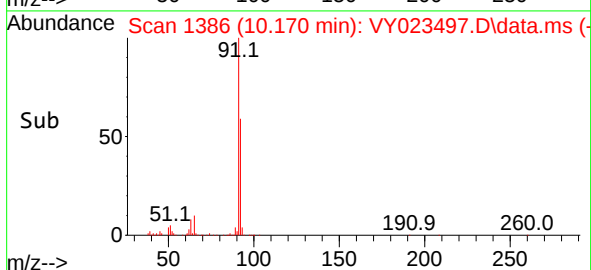
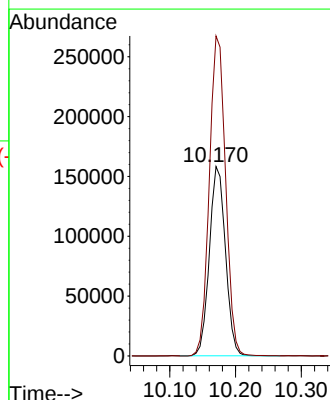
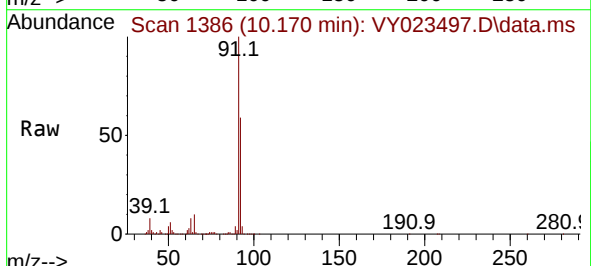
Manual Integrations
APPROVED

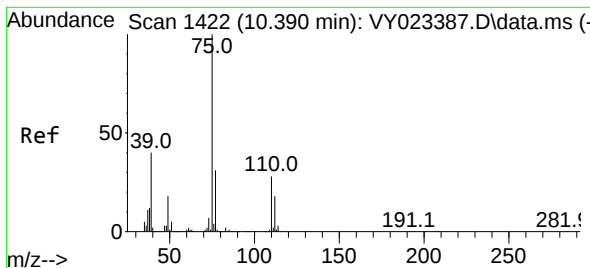
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 21.667 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion: 92 Resp: 269261
Ion Ratio Lower Upper
92 100
91 171.2 136.4 204.6





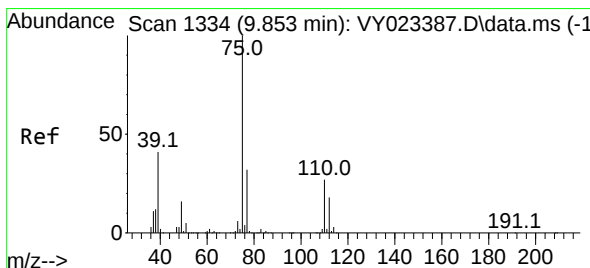
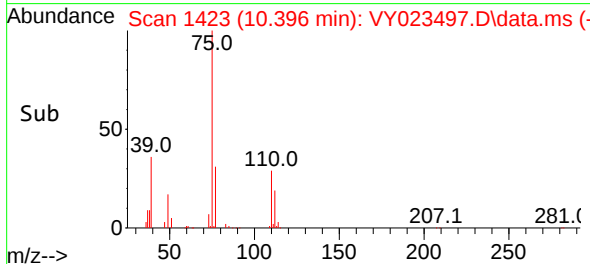
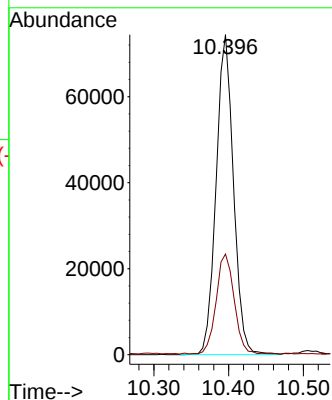
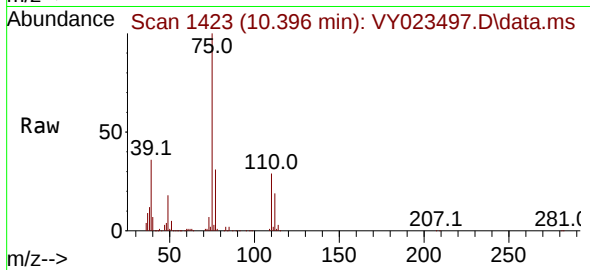
#53
t-1,3-Dichloropropene
Concen: 20.479 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion: 75 Resp: 11988
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7

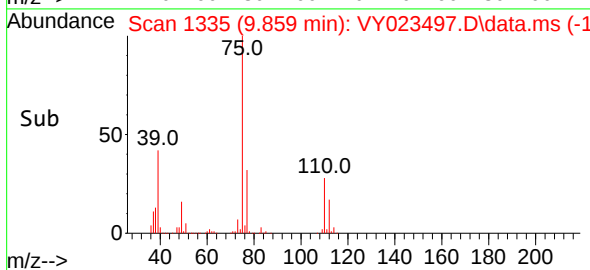
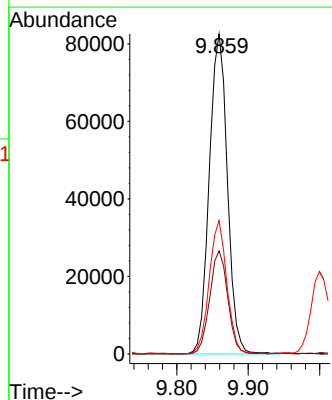
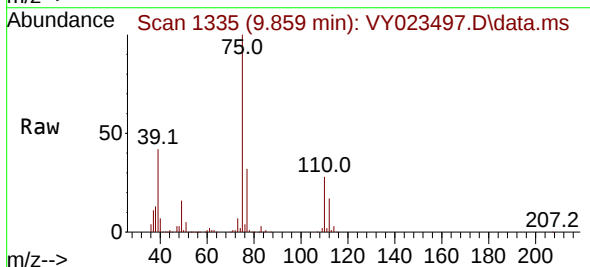
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#54
cis-1,3-Dichloropropene
Concen: 21.011 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

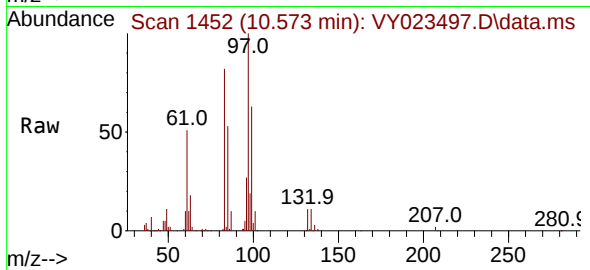
Tgt Ion: 75 Resp: 145166
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 41.6 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 21.881 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

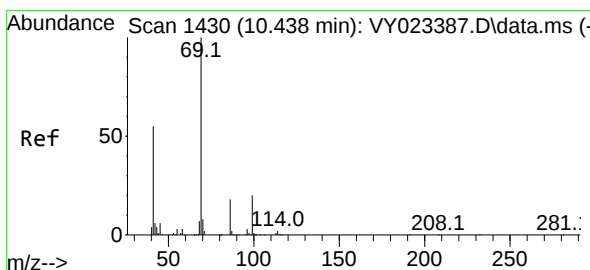
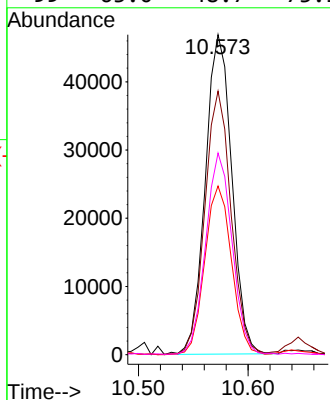
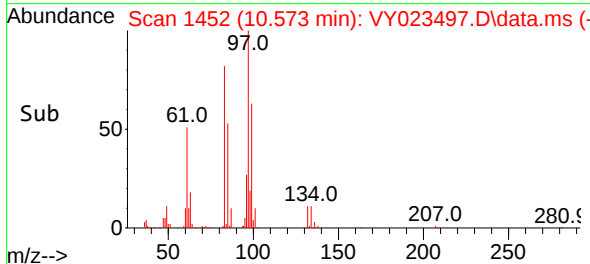
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



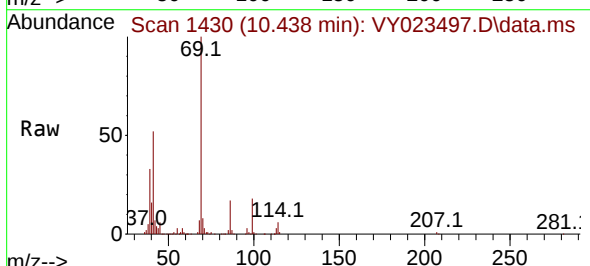
Tgt Ion: 97 Resp: 78650
Ion Ratio Lower Upper
97 100
83 82.4 61.8 92.6
85 52.4 41.3 61.9
99 63.0 48.7 73.1

Manual Integrations
APPROVED

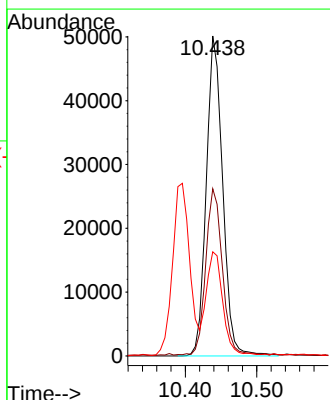
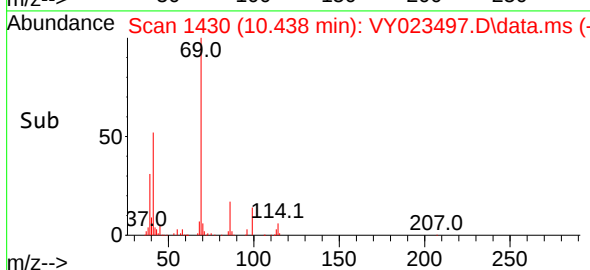
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

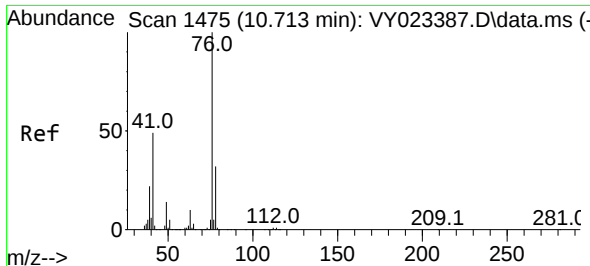


#56
Ethyl methacrylate
Concen: 19.290 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



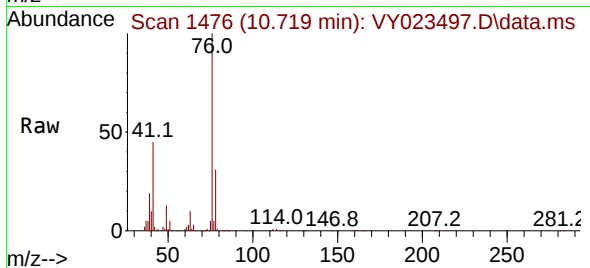
Tgt Ion: 69 Resp: 79990
Ion Ratio Lower Upper
69 100
41 52.4 44.6 67.0
39 31.7 27.0 40.4





#57
1,3-Dichloropropane
Concen: 21.246 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

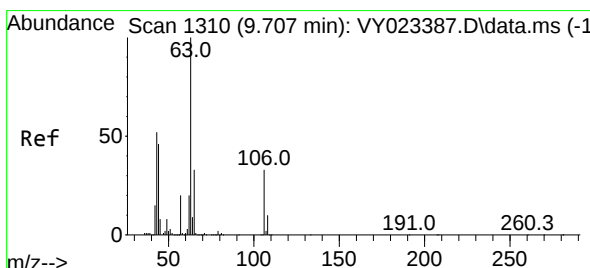
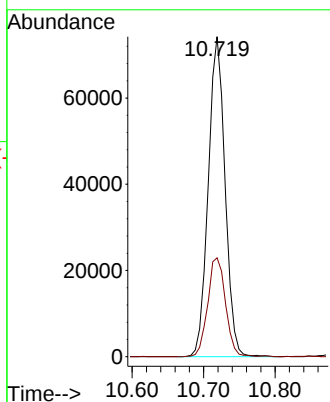
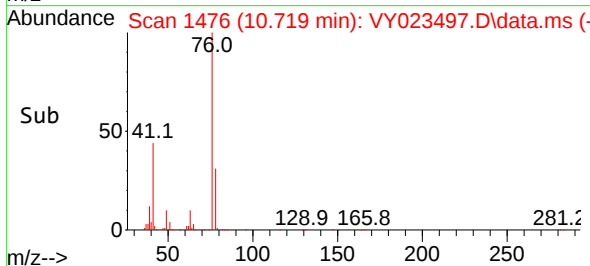
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 76 Resp: 12102
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

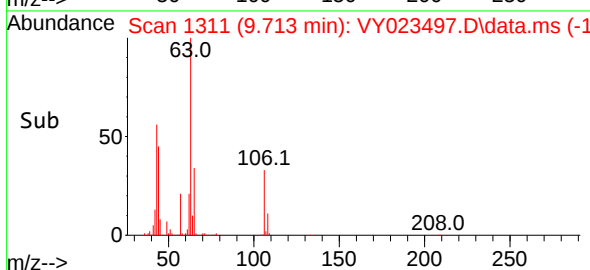
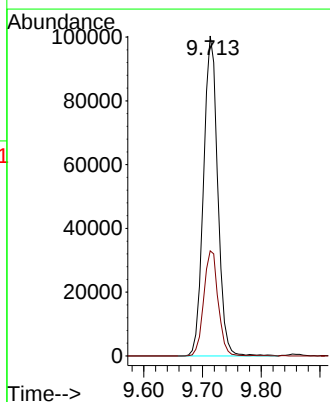
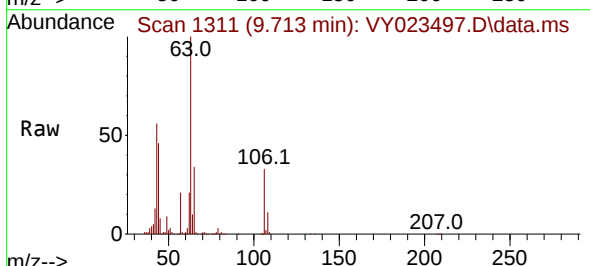
Manual Integrations
APPROVED

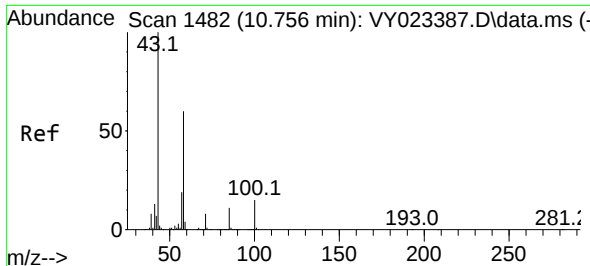
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 90.858 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

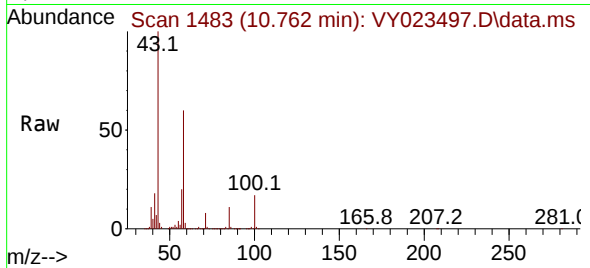
Tgt Ion: 63 Resp: 168775
Ion Ratio Lower Upper
63 100
106 33.2 26.6 39.8





#59
2-Hexanone
Concen: 109.161 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

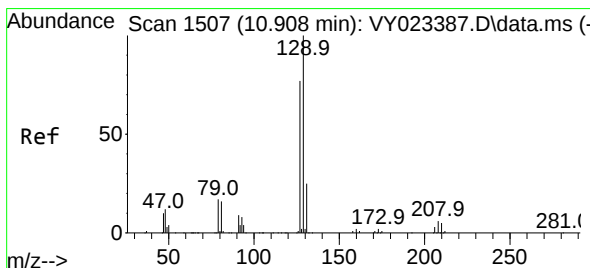
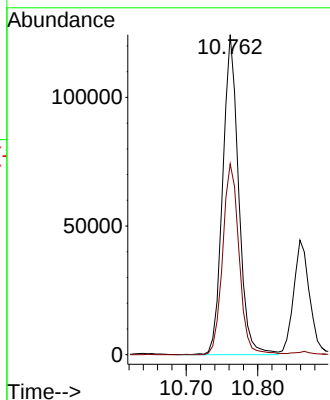
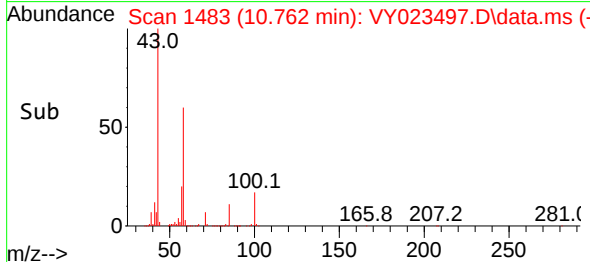
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



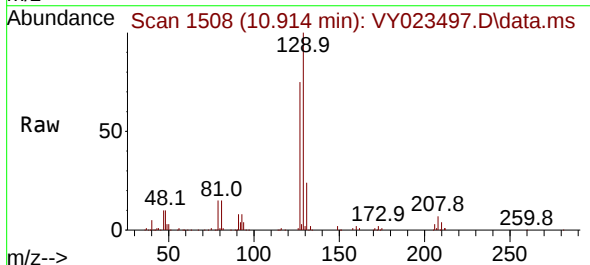
Tgt Ion: 43 Resp: 19243
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5

Manual Integrations
APPROVED

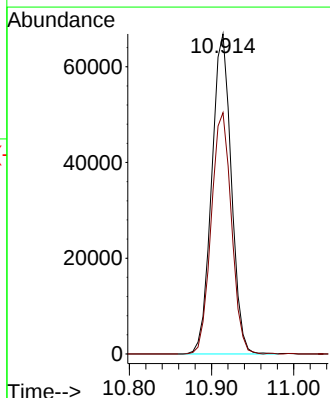
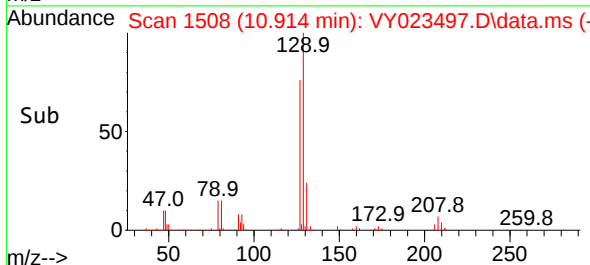
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

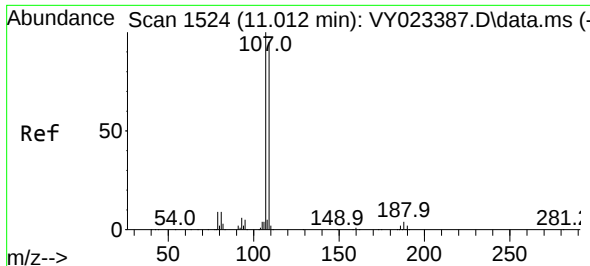


#60
Dibromochloromethane
Concen: 21.984 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



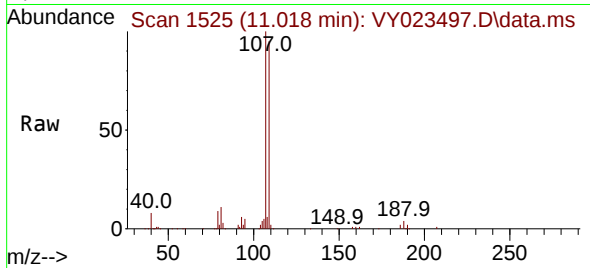
Tgt Ion:129 Resp: 110798
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 21.075 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

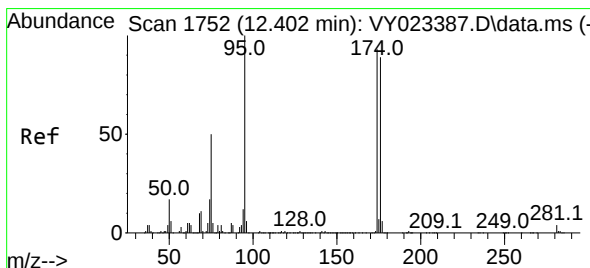
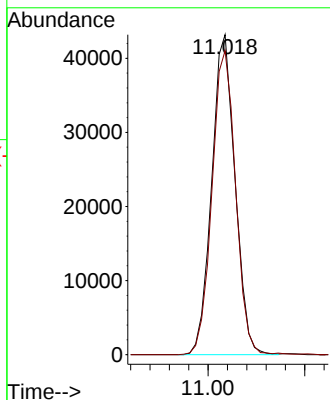
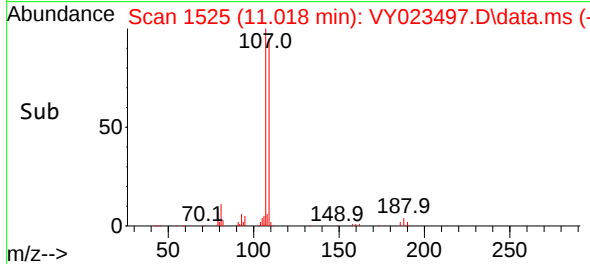
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



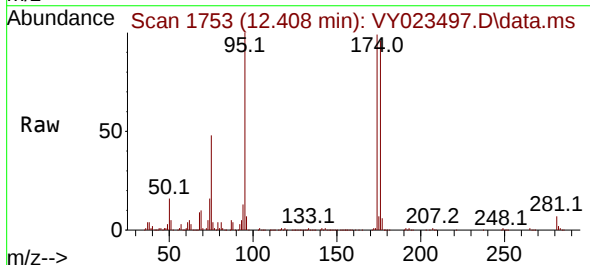
Tgt Ion:107 Resp: 72250
Ion Ratio Lower Upper
107 100
109 95.9 76.1 114.1

Manual Integrations
APPROVED

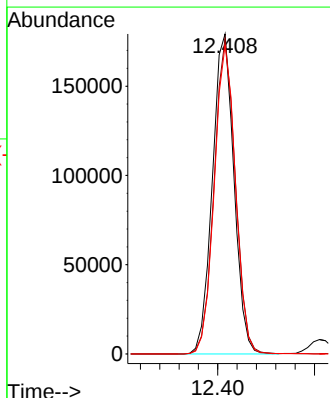
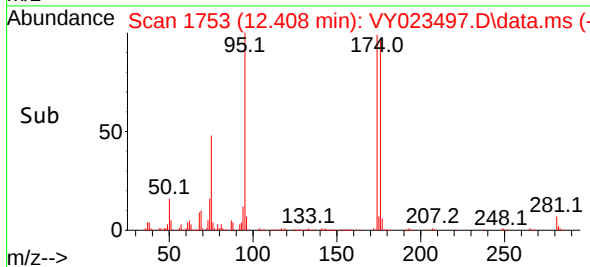
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

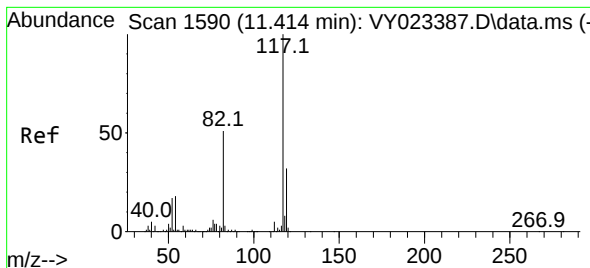


#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 95 Resp: 277115
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 94.8 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion:117 Resp: 66332

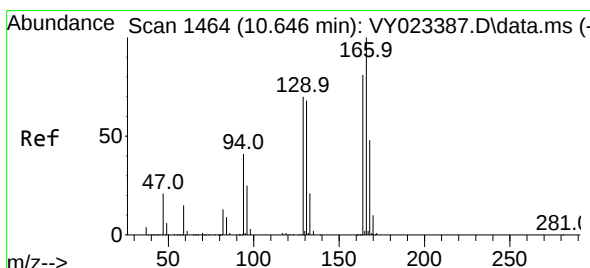
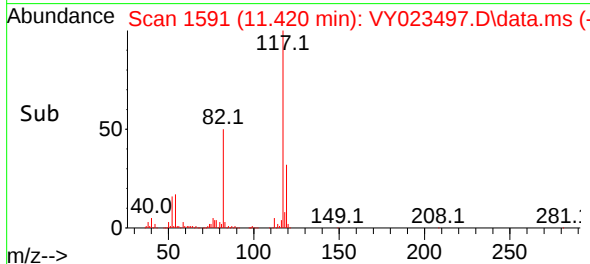
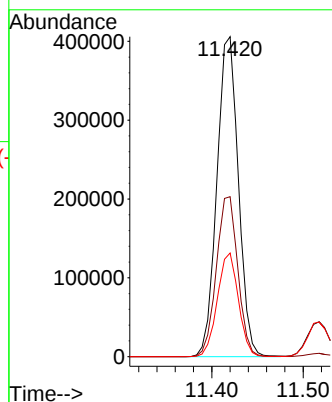
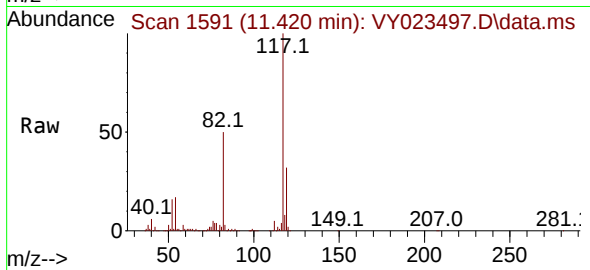
Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.0	61.4
119	32.4	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#64

Tetrachloroethene

Concen: 22.173 ug/l

RT: 10.646 min Scan# 1464

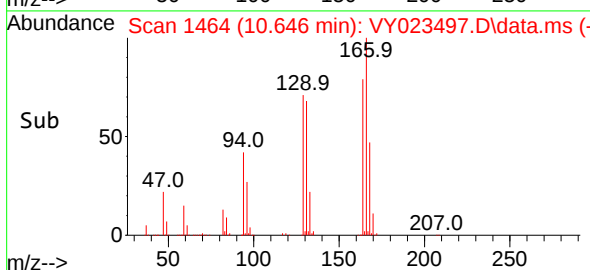
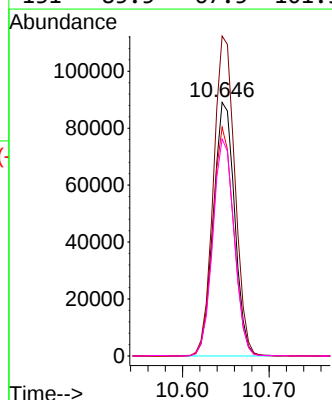
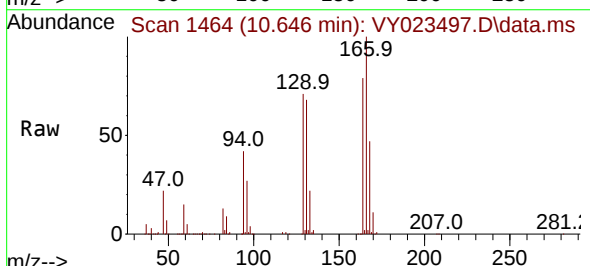
Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:164 Resp: 151867

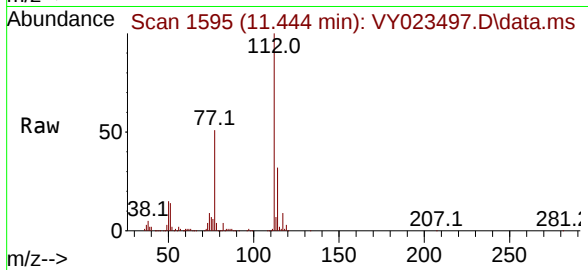
Ion	Ratio	Lower	Upper
164	100		
166	126.2	99.4	149.0
129	90.2	69.4	104.2
131	85.5	67.5	101.3





#65
Chlorobenzene
Concen: 20.967 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

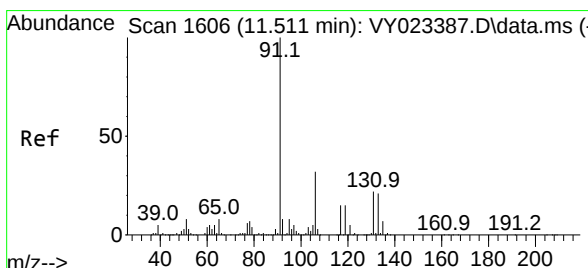
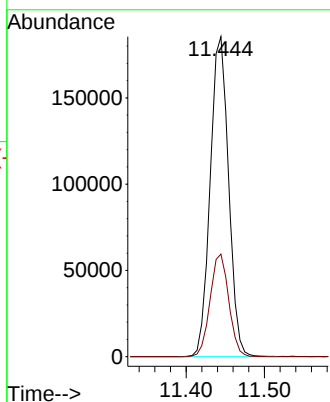
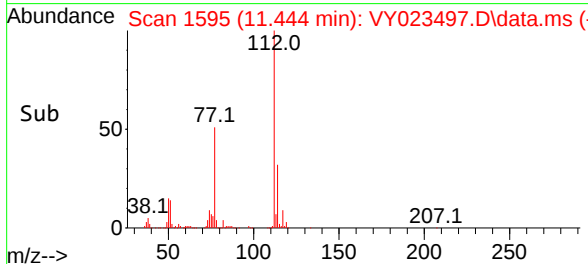
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



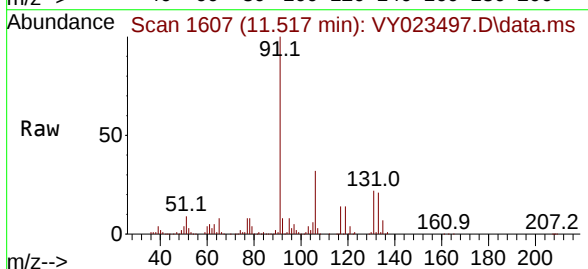
Tgt Ion:112 Resp: 302485
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

Manual Integrations
APPROVED

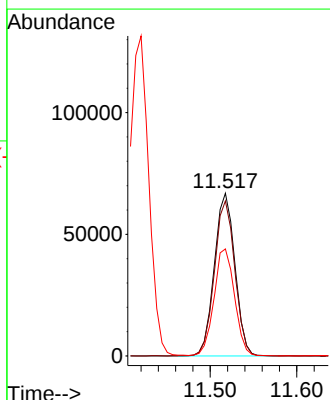
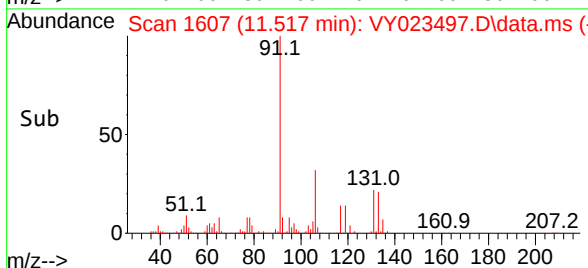
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.431 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



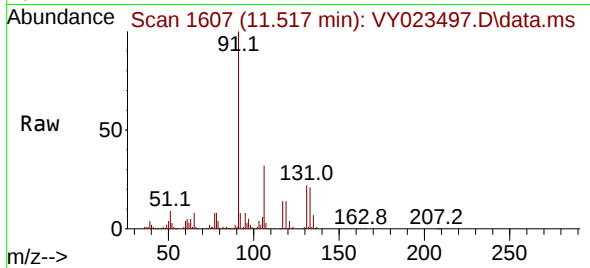
Tgt Ion:131 Resp: 110179
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.2
119 66.0 32.4 97.2





#67
Ethyl Benzene
Concen: 20.403 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

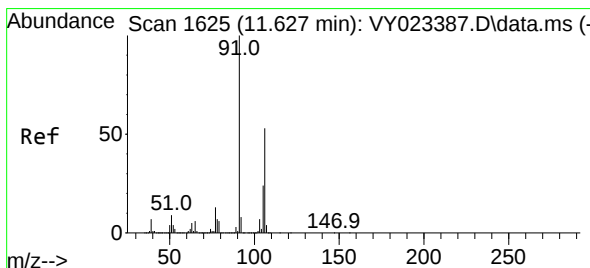
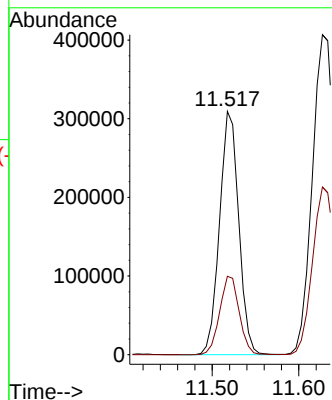
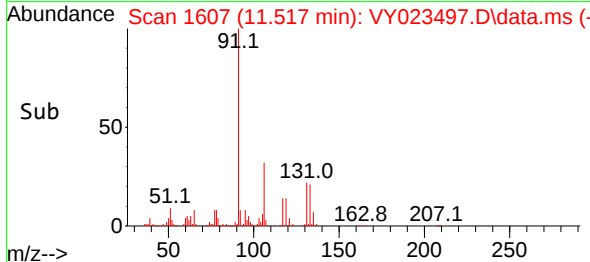
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



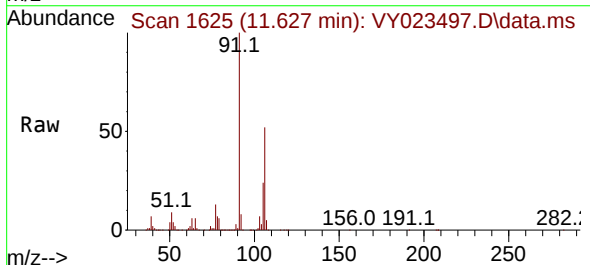
Tgt Ion: 91 Resp: 476470
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

Manual Integrations
APPROVED

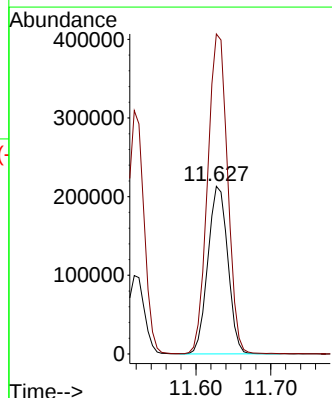
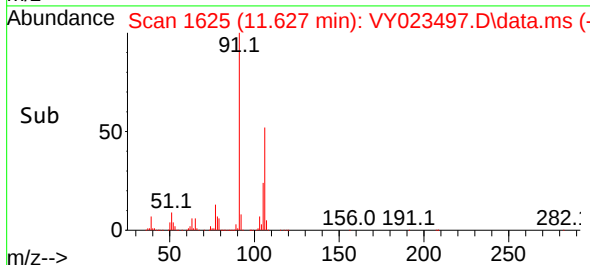
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

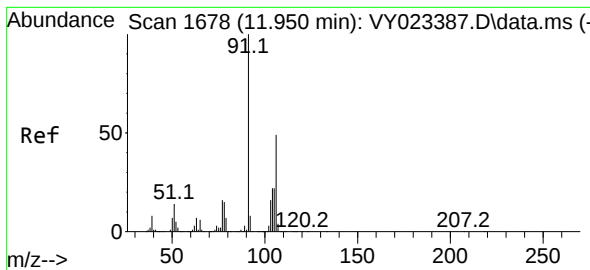


#68
m/p-Xylenes
Concen: 42.153 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion:106 Resp: 394831
Ion Ratio Lower Upper
106 100
91 191.0 152.6 229.0





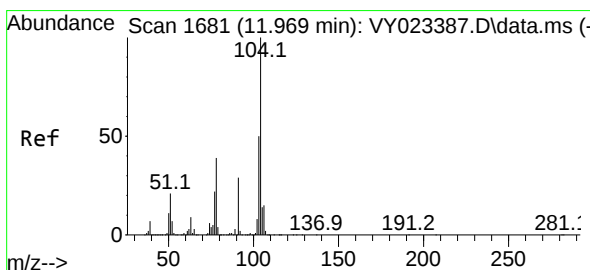
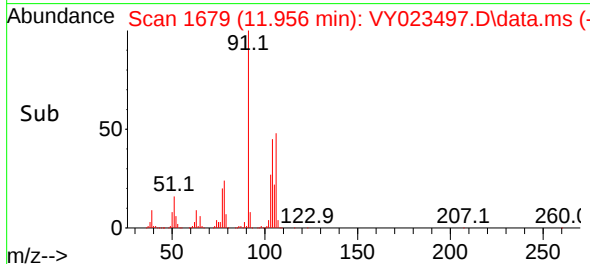
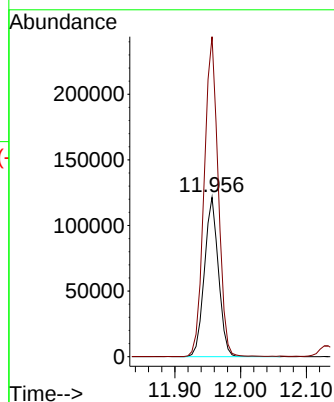
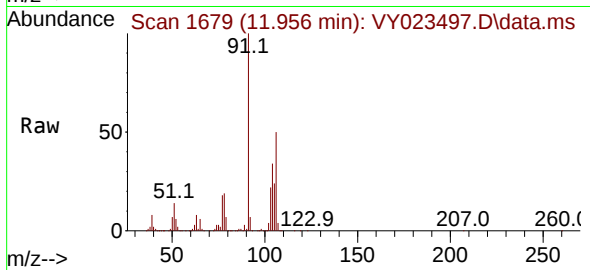
#69
o-Xylene
Concen: 20.491 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion:106 Resp: 180028
Ion Ratio Lower Upper
106 100
91 200.7 101.4 304.1

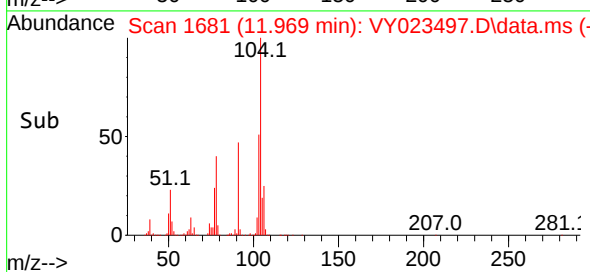
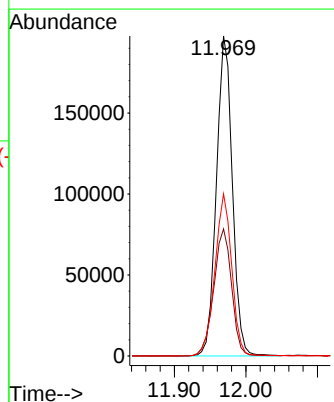
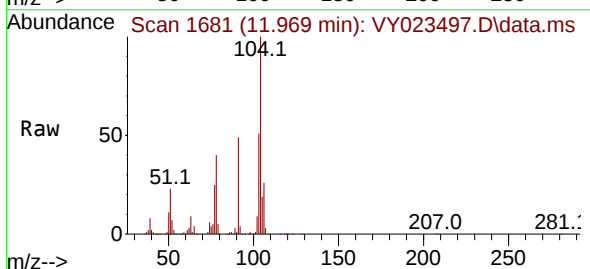
Manual Integrations
APPROVED

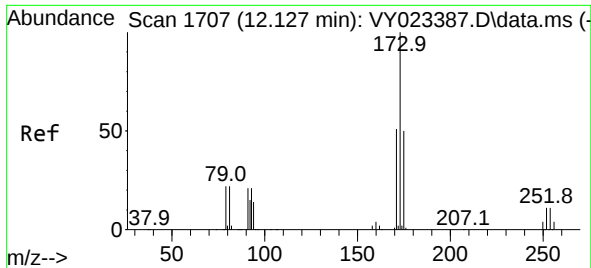
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 21.154 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Tgt Ion:104 Resp: 305623
Ion Ratio Lower Upper
104 100
78 44.6 36.1 54.1
103 53.7 43.2 64.8





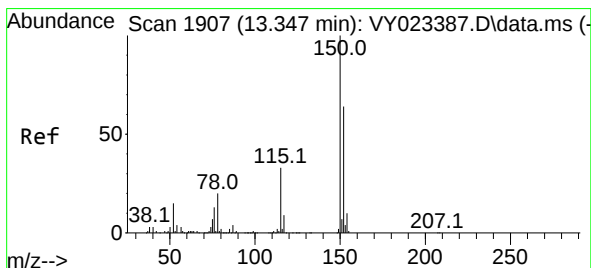
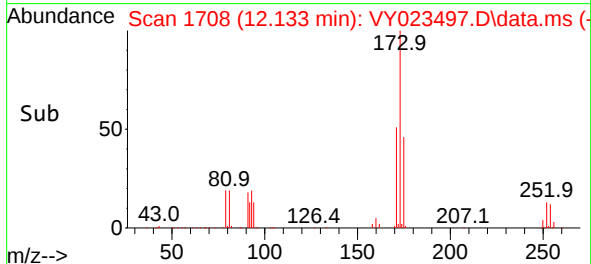
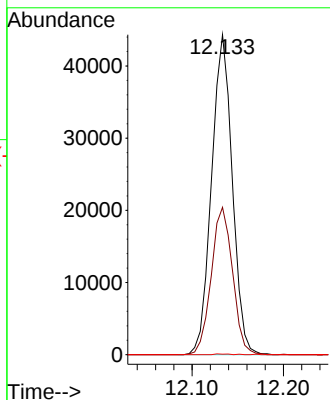
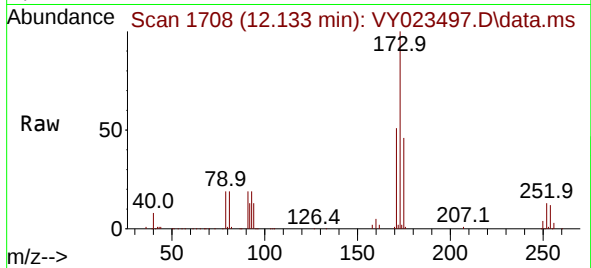
#71
Bromoform
Concen: 21.894 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01

Tgt Ion:173 Resp: 69820
Ion Ratio Lower Upper
173 100
175 47.4 24.8 74.3
254 0.2 0.1 0.1

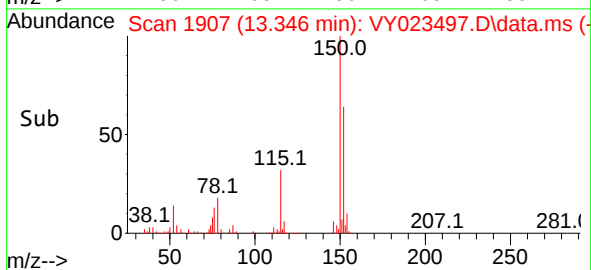
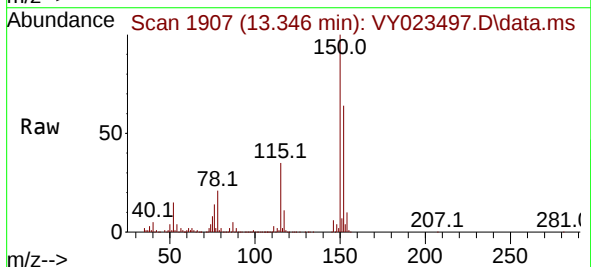
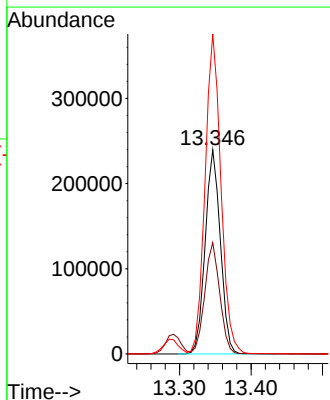
Manual Integrations
APPROVED

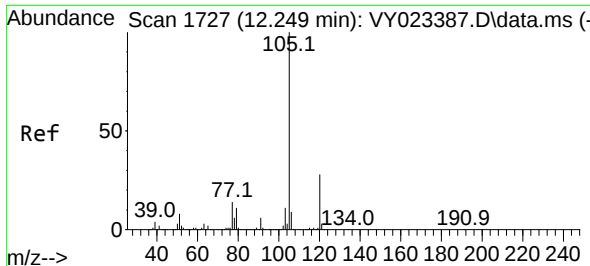
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

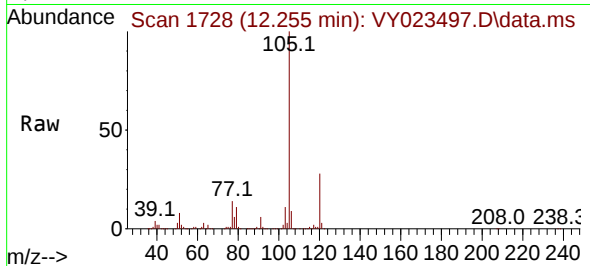
Tgt Ion:152 Resp: 353337
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.2
150 163.5 0.0 347.4





#73
Isopropylbenzene
Concen: 20.255 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

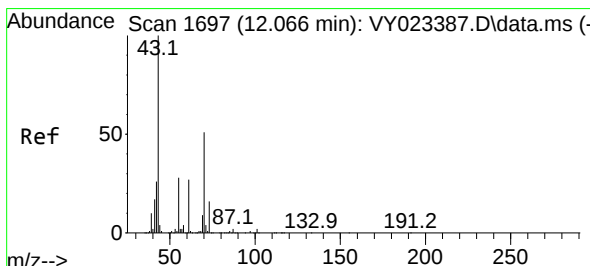
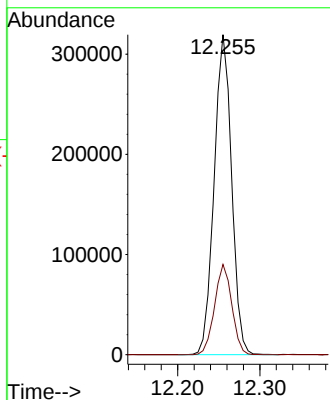
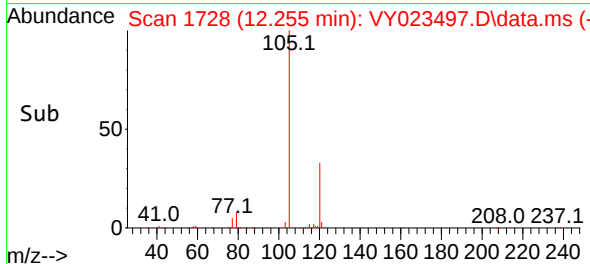
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion:105 Resp: 471638
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7

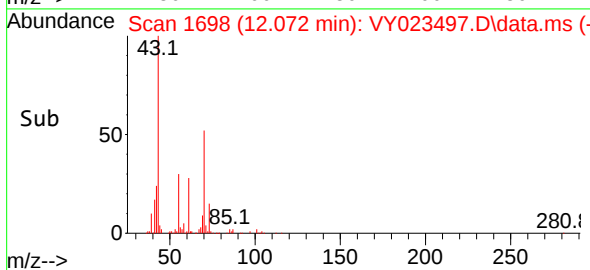
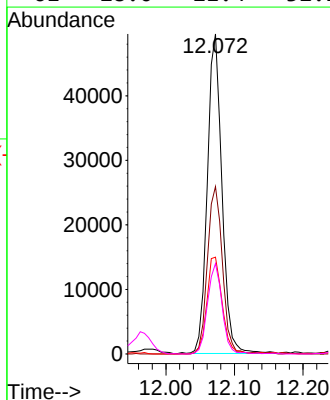
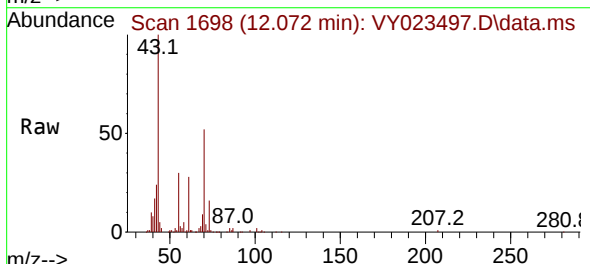
Manual Integrations
APPROVED

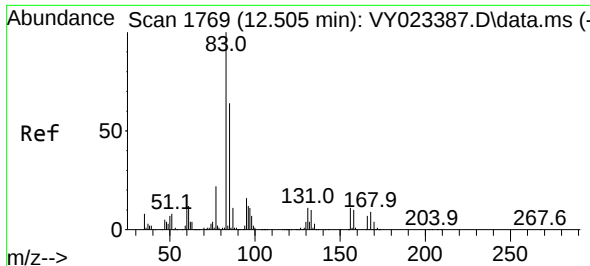
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 17.626 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

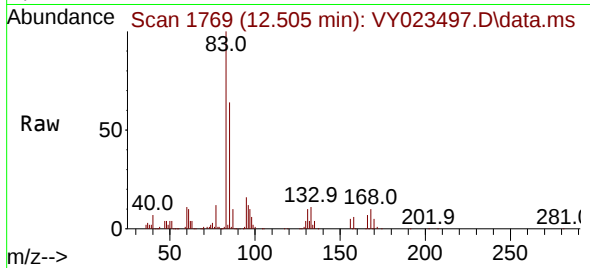
Tgt Ion: 43 Resp: 73717
Ion Ratio Lower Upper
43 100
70 53.3 41.1 61.7
55 32.0 23.0 34.6
61 28.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.525 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

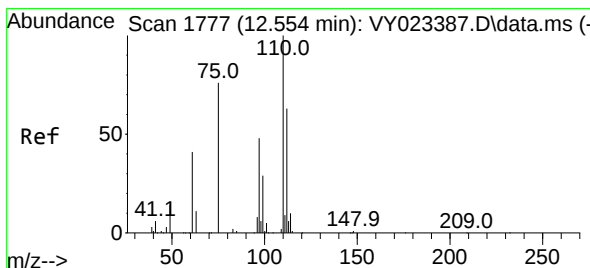
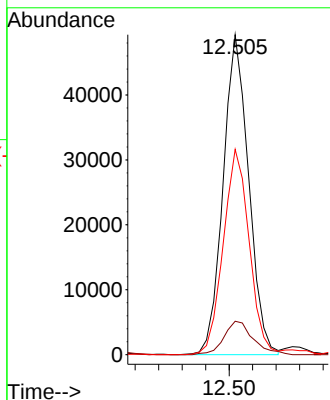
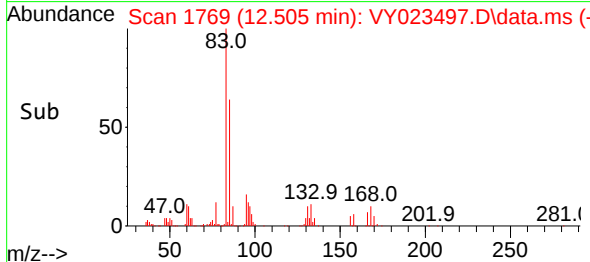
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 83 Resp: 74362
Ion Ratio Lower Upper
83 100
131 11.9 5.9 17.6
85 65.5 31.8 95.3

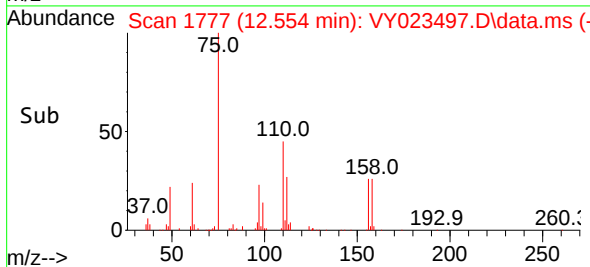
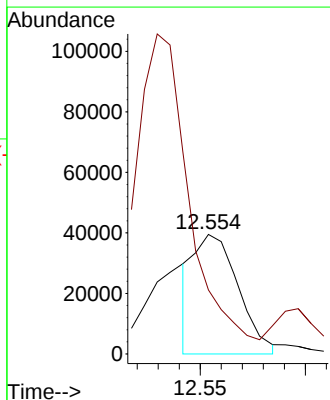
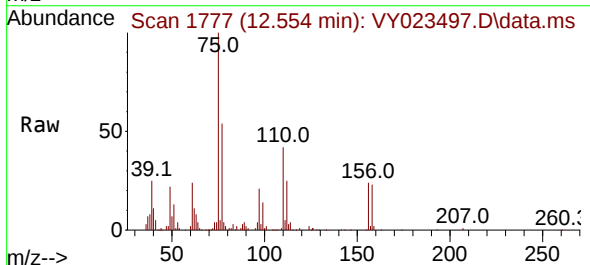
Manual Integrations
APPROVED

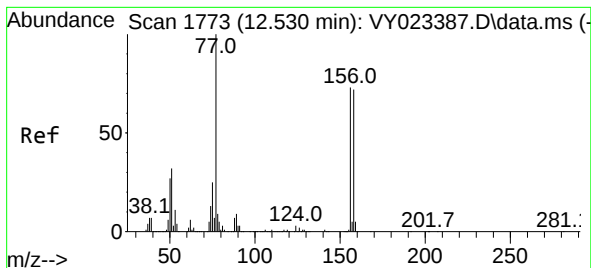
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 18.725 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

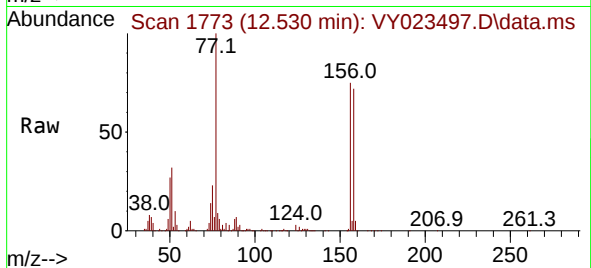
Tgt Ion: 75 Resp: 58372
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.478 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

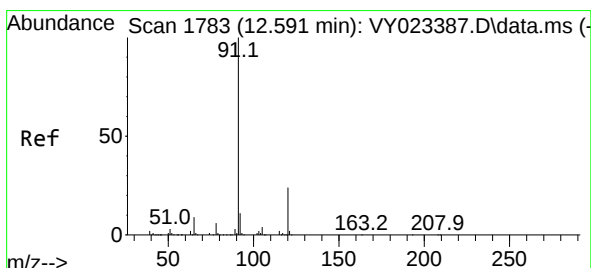
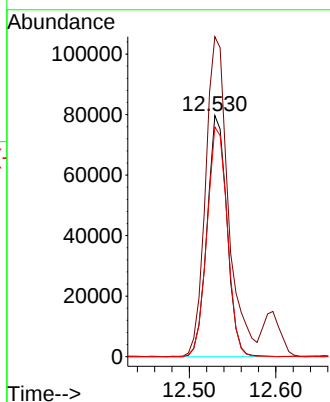
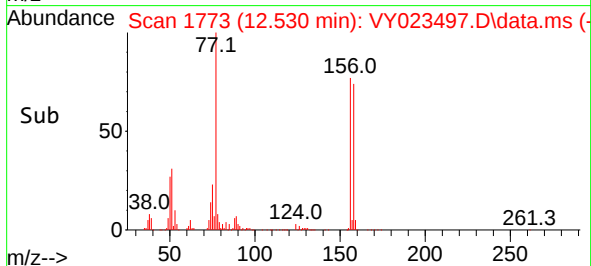
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



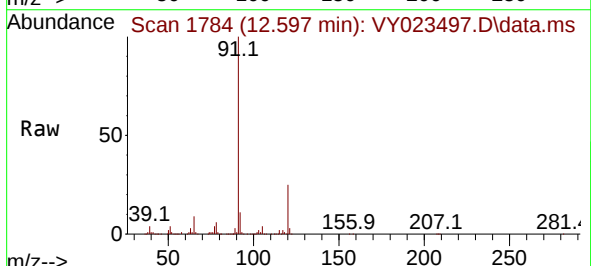
Tgt Ion:156 Resp: 126770
Ion Ratio Lower Upper
156 100
77 152.4 76.8 230.5
158 97.8 49.0 147.2

Manual Integrations
APPROVED

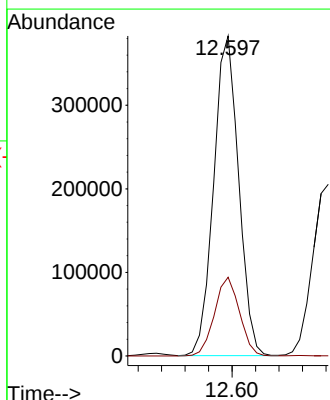
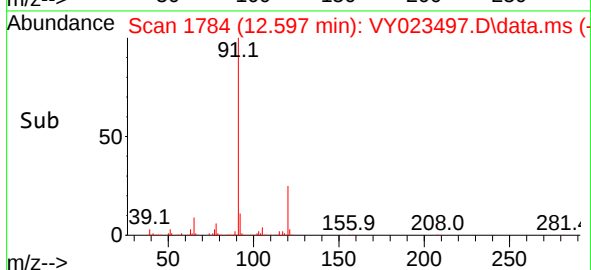
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

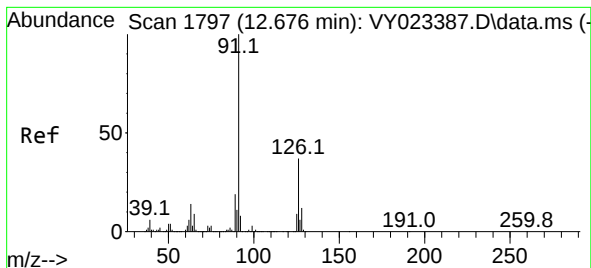


#78
n-propylbenzene
Concen: 20.946 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



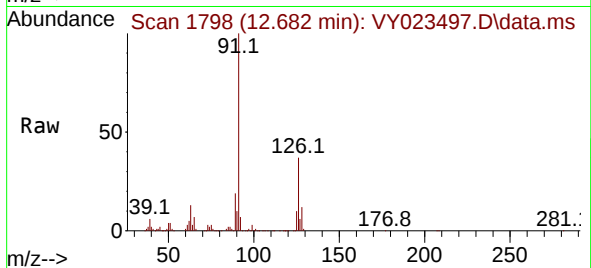
Tgt Ion: 91 Resp: 564399
Ion Ratio Lower Upper
91 100
120 24.7 12.3 36.8





#79
2-Chlorotoluene
Concen: 20.266 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

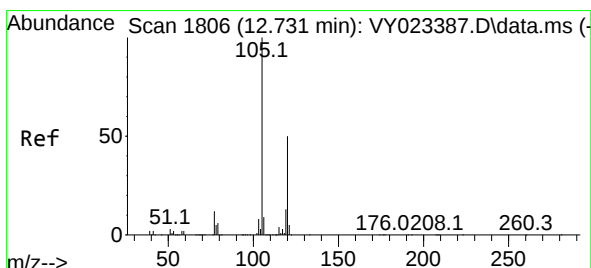
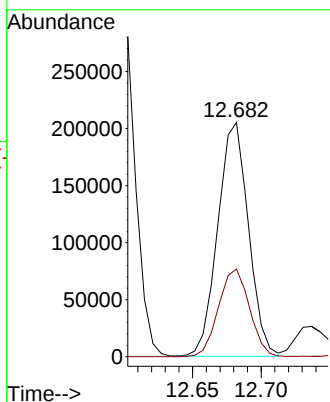
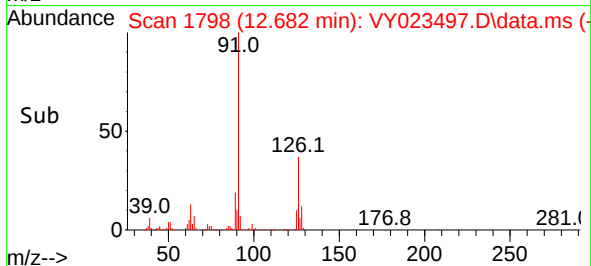
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



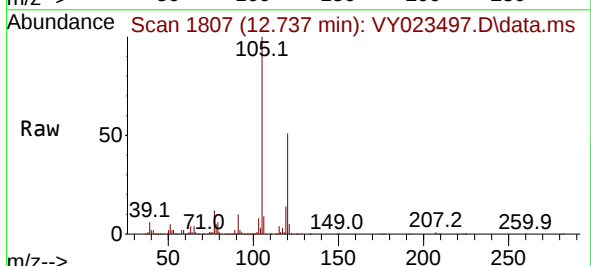
Tgt Ion: 91 Resp: 319779
Ion Ratio Lower Upper
91 100
126 37.8 18.5 55.5

Manual Integrations
APPROVED

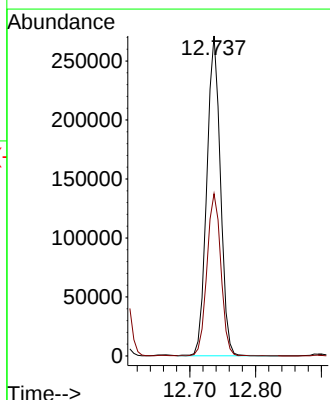
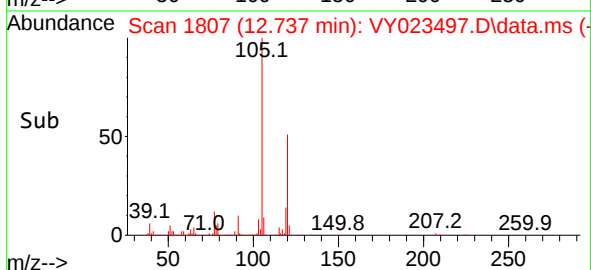
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

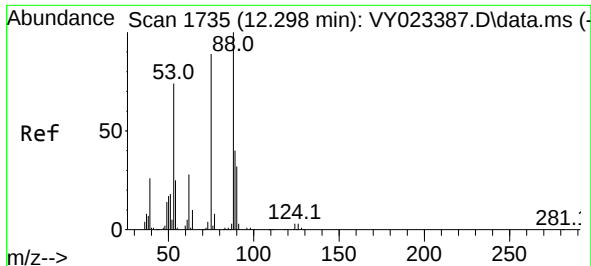


#80
1,3,5-Trimethylbenzene
Concen: 20.721 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



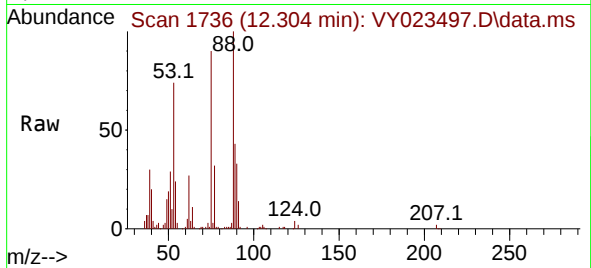
Tgt Ion:105 Resp: 389889
Ion Ratio Lower Upper
105 100
120 51.8 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.748 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

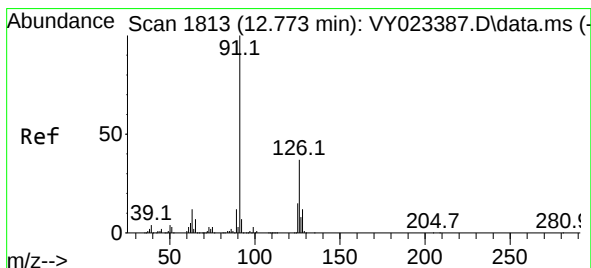
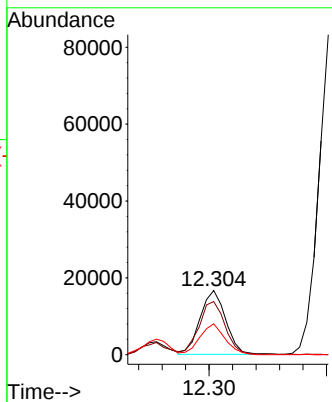
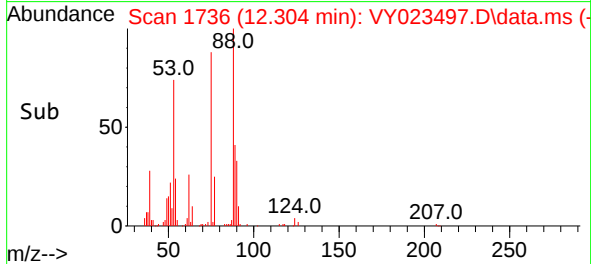
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
53 84.8 68.6 102.8
89 47.5 39.0 58.4

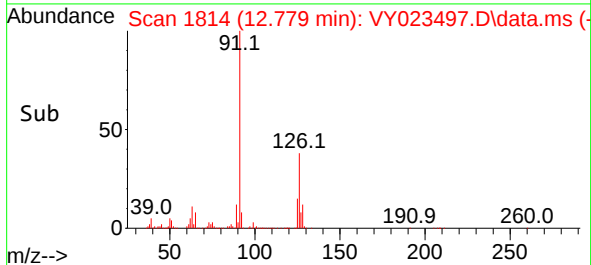
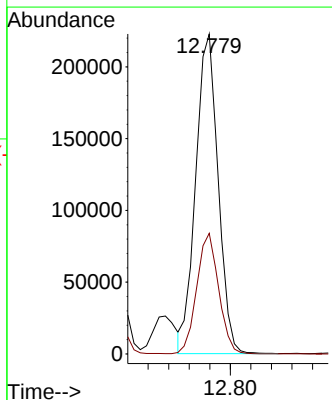
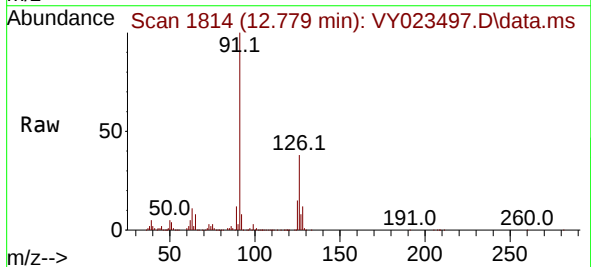
Manual Integrations
APPROVED

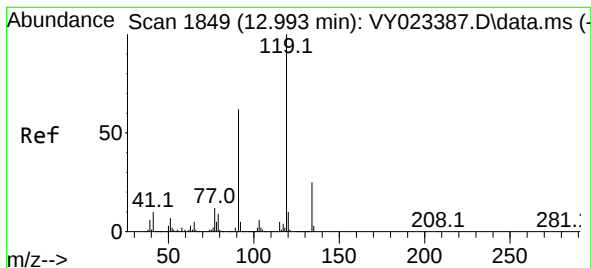
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 20.763 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

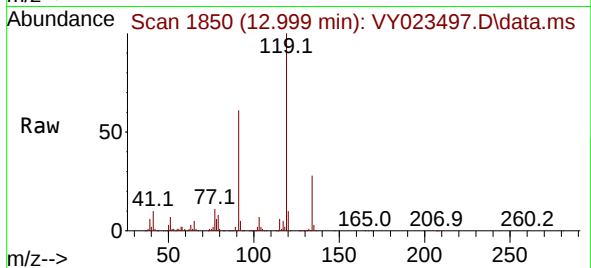
Tgt Ion: 91 Resp: 337426
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4





#83
tert-Butylbenzene
Concen: 20.235 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

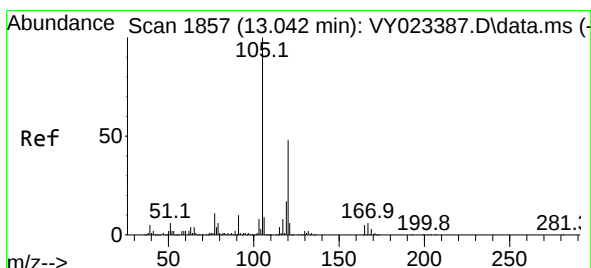
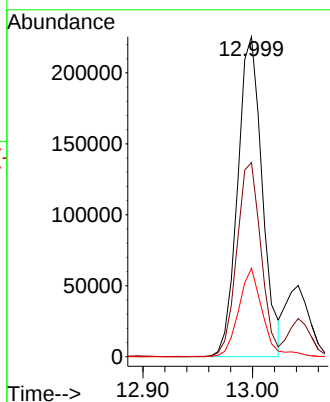
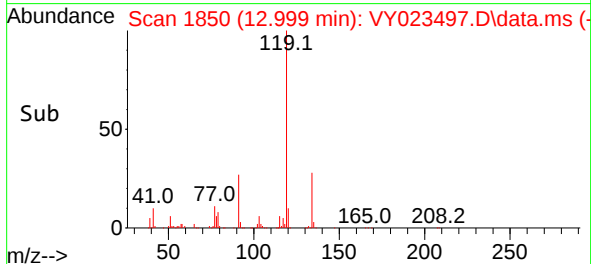
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



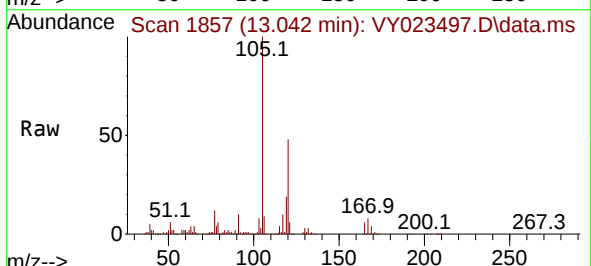
Tgt Ion:119 Resp: 35155
Ion Ratio Lower Upper
119 100
91 59.7 29.9 89.8
134 26.9 12.9 38.7

Manual Integrations
APPROVED

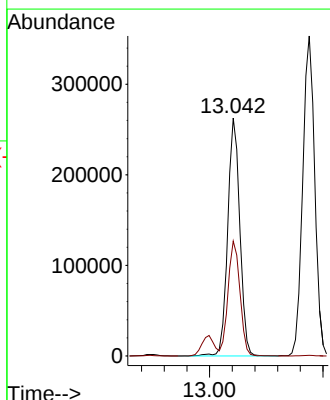
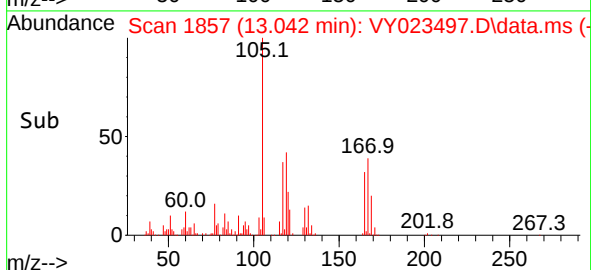
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

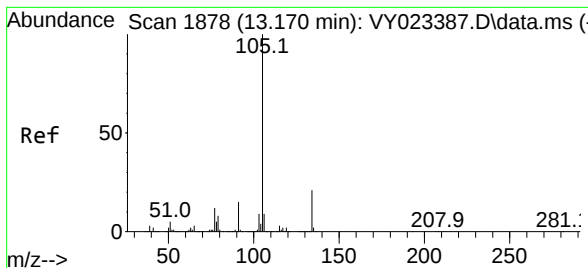


#84
1,2,4-Trimethylbenzene
Concen: 20.688 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



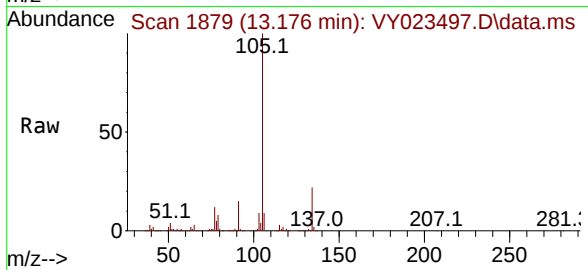
Tgt Ion:105 Resp: 388491
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 20.857 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

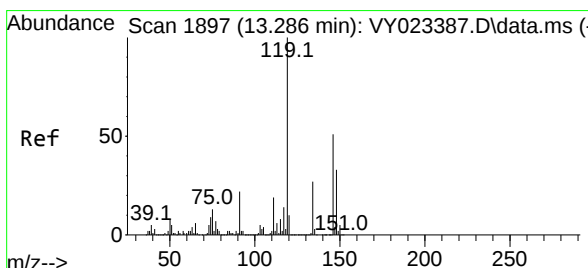
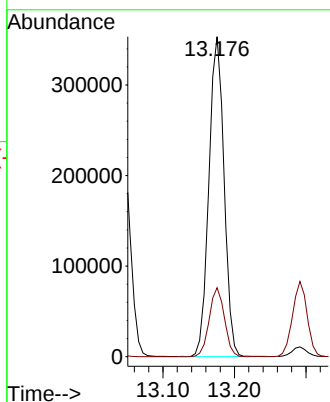
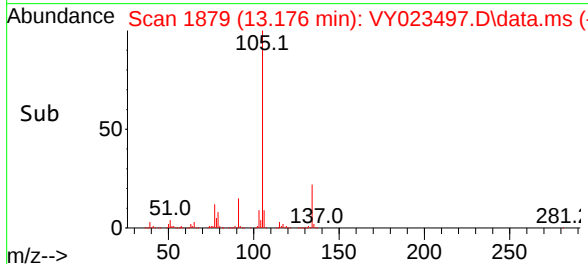
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBS01



Tgt Ion:105 Resp: 519789
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 32.1

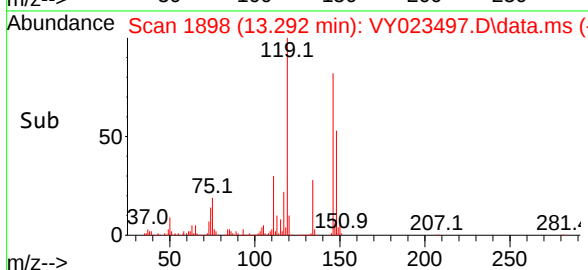
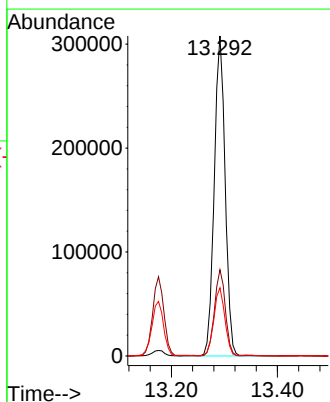
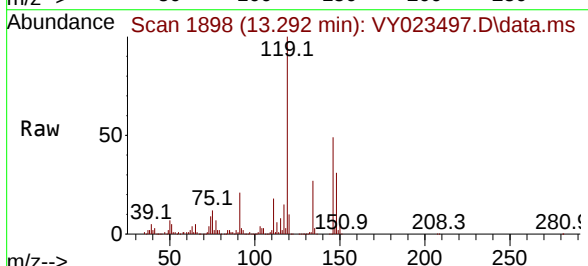
Manual Integrations
 APPROVED

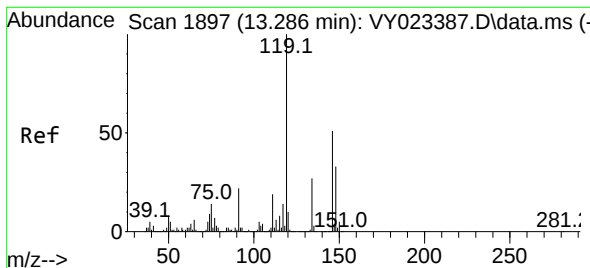
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#86
 p-Isopropyltoluene
 Concen: 20.790 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion:119 Resp: 441147
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 21.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.608 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

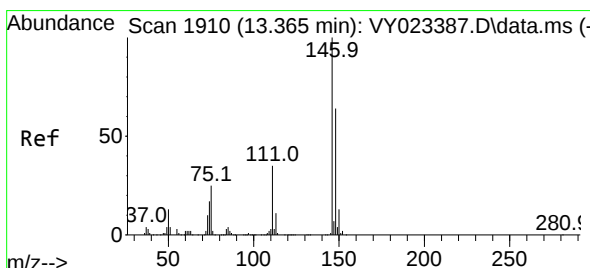
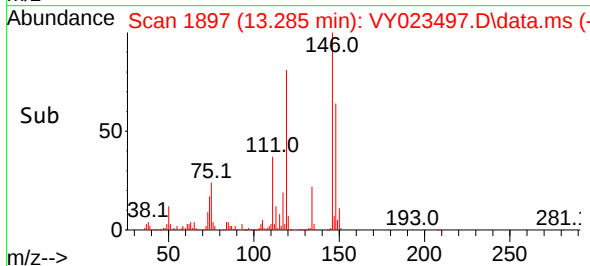
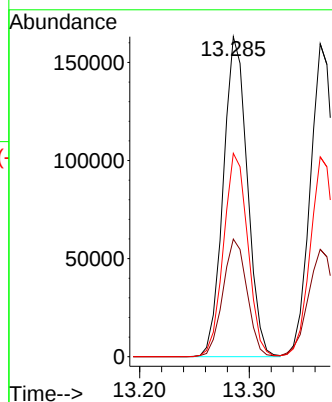
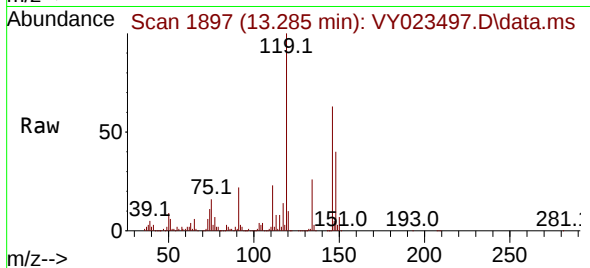
Tgt Ion:146 Resp: 248425
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 64.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 20.575 ug/l

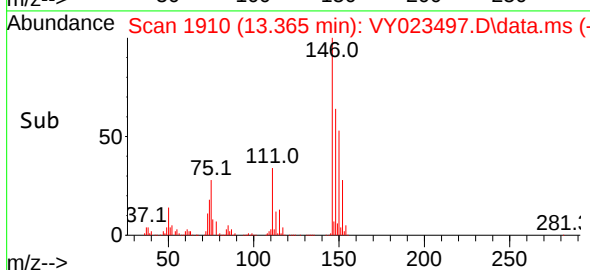
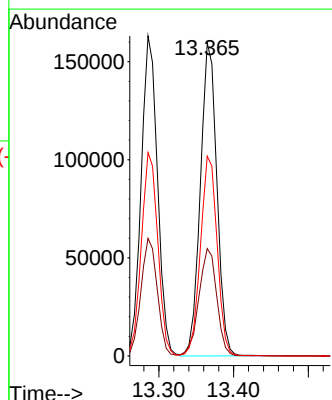
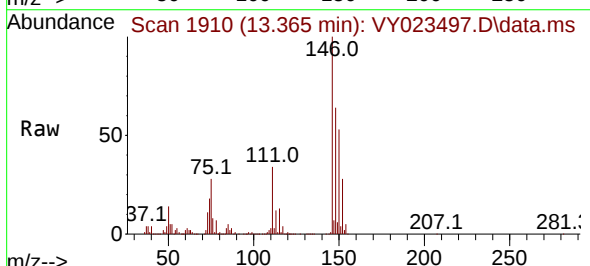
RT: 13.365 min Scan# 1910

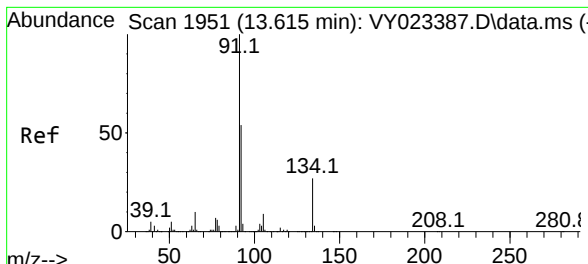
Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:146 Resp: 244966
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.0 54.0
 148 64.6 31.9 95.7





#89
 n-Butylbenzene
 Concen: 20.185 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

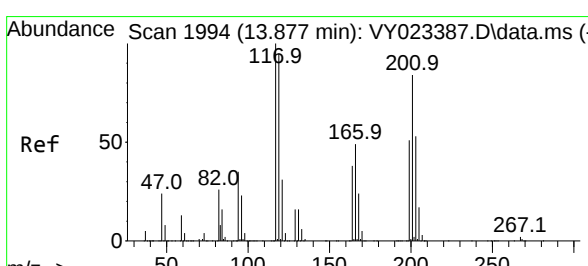
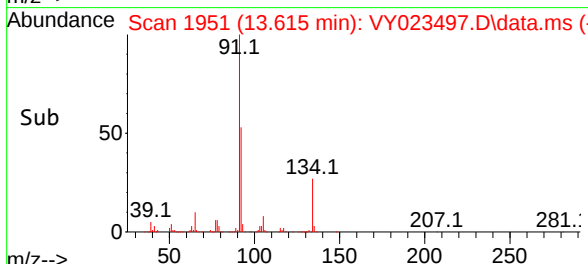
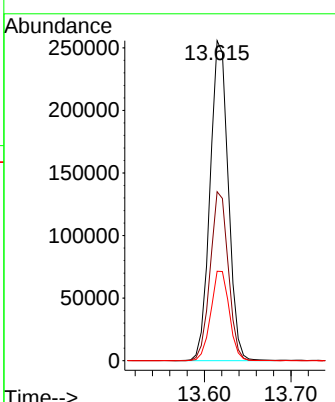
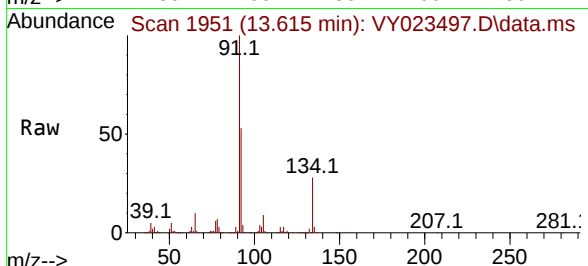
Instrument : MSVOA_Y
 ClientSampleId : VY1020SBS01

Tgt Ion: 91 Resp: 37319

Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.0	80.8
134	28.3	14.1	42.2

Manual Integrations
 APPROVED

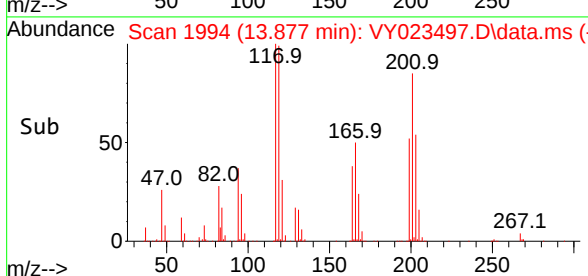
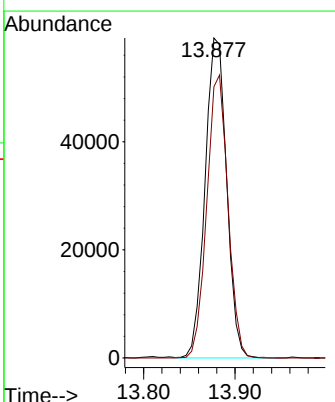
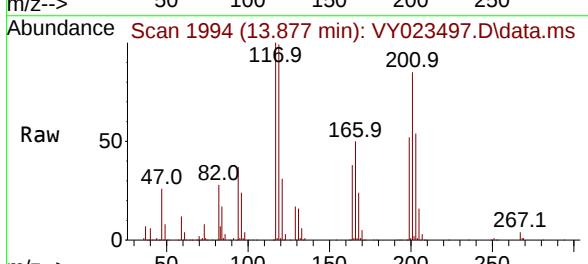
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

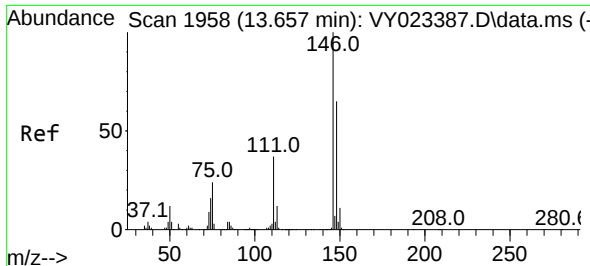


#90
 Hexachloroethane
 Concen: 21.241 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023497.D
 Acq: 20 Oct 2025 10:07

Tgt Ion:117 Resp: 96938

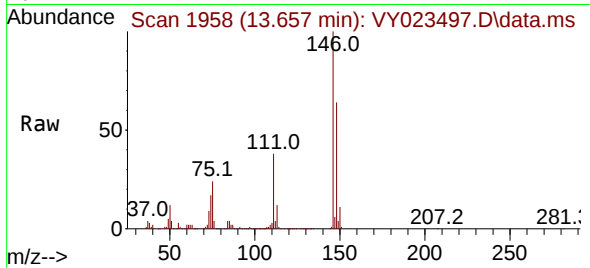
Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 20.587 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07

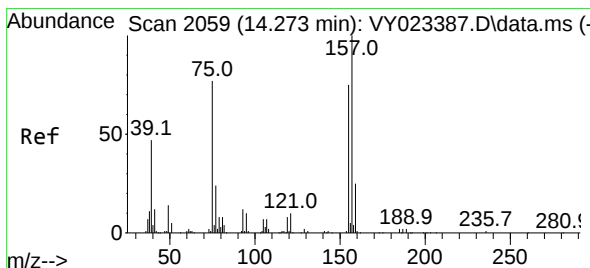
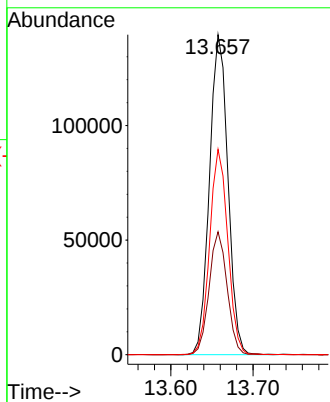
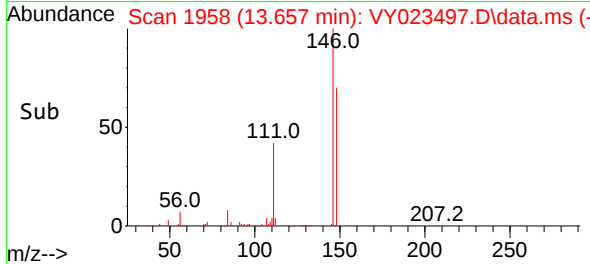
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBS01



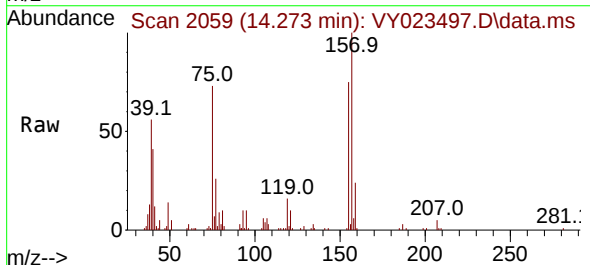
Tgt Ion:146 Resp: 217570
Ion Ratio Lower Upper
146 100
111 37.5 19.0 57.0
148 63.1 32.1 96.3

Manual Integrations
APPROVED

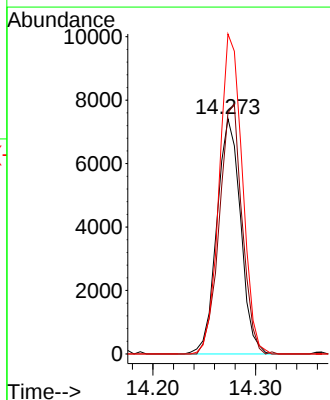
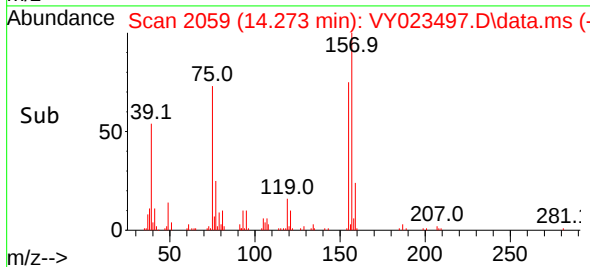
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.998 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023497.D
Acq: 20 Oct 2025 10:07



Tgt Ion: 75 Resp: 11872
Ion Ratio Lower Upper
75 100
155 101.7 50.0 150.0
157 131.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.435 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023497.D

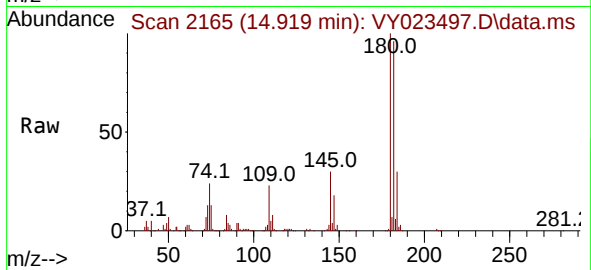
Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01



Tgt Ion:180 Resp: 128052

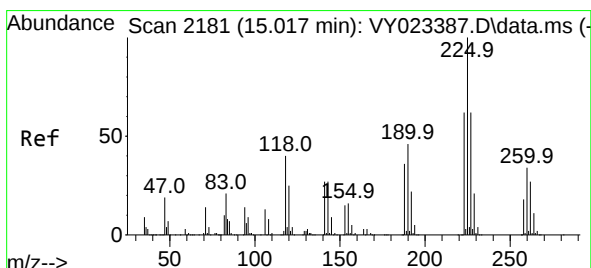
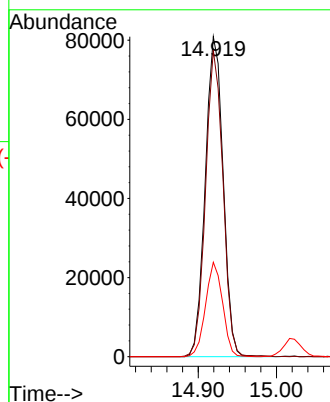
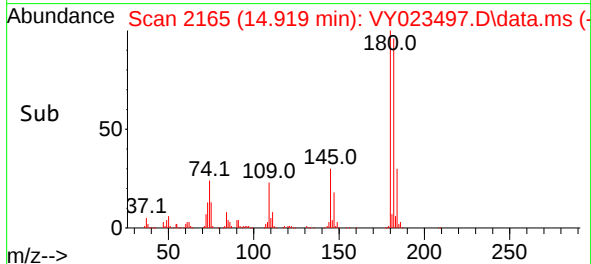
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.6
145	28.1	14.7	44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 21.047 ug/l

RT: 15.023 min Scan# 2182

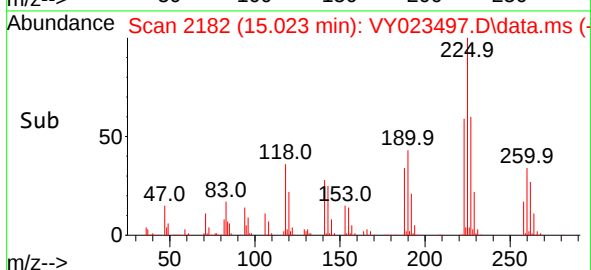
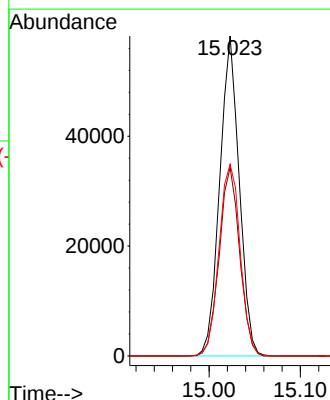
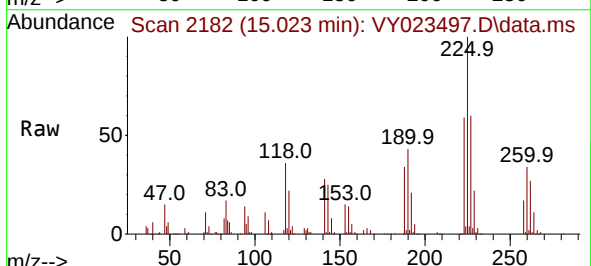
Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:225 Resp: 86443

Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.8	92.3
227	64.8	31.9	95.7





#95

Naphthalene

Concen: 16.704 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBS01

Tgt Ion:128 Resp: 17526

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

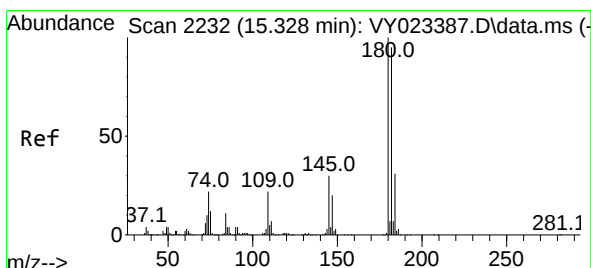
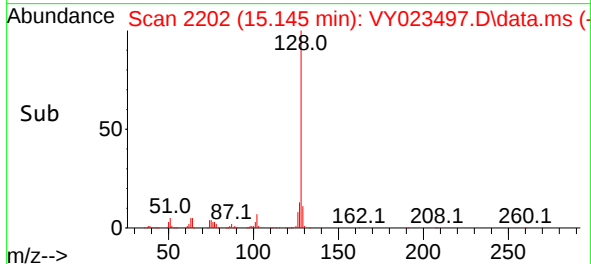
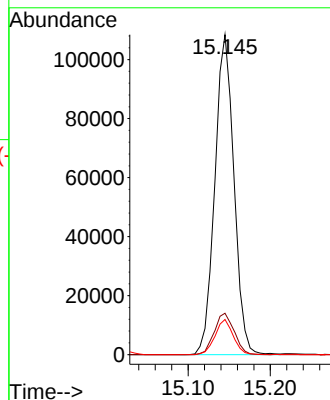
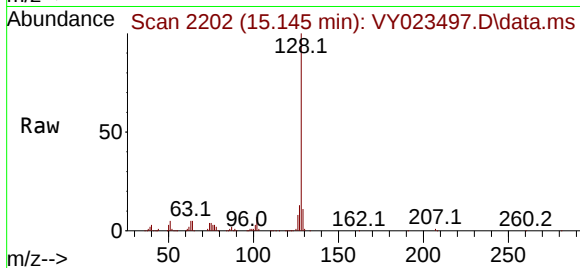
129 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.778 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023497.D

Acq: 20 Oct 2025 10:07

Tgt Ion:180 Resp: 107165

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 31.3 15.3 45.9

