

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023495.D
 Acq On : 20 Oct 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 03:53:17 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)

Internal Standards						
1) Pentafluorobenzene	7.713	168	545120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	751162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	672052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	355668	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	205714	45.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.260%
35) Dibromofluoromethane	7.634	113	237529	51.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.109	98	873624	50.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.408	95	284330	50.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	170416	43.432	ug/l	99
3) Chloromethane	2.074	50	224255	41.955	ug/l	99
4) Vinyl Chloride	2.208	62	308272	44.279	ug/l	100
5) Bromomethane	2.598	94	257747	44.117	ug/l	97
6) Chloroethane	2.739	64	222991	46.989	ug/l	99
7) Trichlorofluoromethane	3.062	101	462702	47.866	ug/l	100
8) Diethyl Ether	3.458	74	118659	46.977	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	250918	50.022	ug/l	99
10) Methyl Iodide	4.007	142	309511	55.425	ug/l	100
11) Tert butyl alcohol	4.854	59	80964	238.750	ug/l	100
12) 1,1-Dichloroethene	3.793	96	235624	48.456	ug/l	97
13) Acrolein	3.659	56	42168	88.000	ug/l	100
14) Allyl chloride	4.385	41	270384	45.626	ug/l	97
15) Acrylonitrile	5.061	53	226050	233.847	ug/l	99
16) Acetone	3.866	43	267757	246.734	ug/l	99
17) Carbon Disulfide	4.110	76	651543	46.815	ug/l	100
18) Methyl Acetate	4.391	43	145077	50.963	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	567249	48.537	ug/l	97
20) Methylene Chloride	4.622	84	264941	45.149	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	270037	50.440	ug/l	98
22) Diisopropyl ether	6.025	45	632267	48.233	ug/l	98
23) Vinyl Acetate	5.964	43	1613870	227.456	ug/l	98
24) 1,1-Dichloroethane	5.921	63	425651	49.020	ug/l	99
25) 2-Butanone	6.896	43	297629	224.649	ug/l	99
26) 2,2-Dichloropropane	6.890	77	406197	50.981	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	320133	51.768	ug/l	96
28) Bromochloromethane	7.250	49	136791	42.199	ug/l	95
29) Tetrahydrofuran	7.262	42	165578	220.392	ug/l	96
30) Chloroform	7.427	83	488891	51.246	ug/l	100
31) Cyclohexane	7.701	56	340770	44.939	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	442692	51.062	ug/l	99
36) 1,1-Dichloropropene	7.841	75	327309	53.565	ug/l	100
37) Ethyl Acetate	6.988	43	117377	48.487	ug/l	98
38) Carbon Tetrachloride	7.823	117	406294	54.836	ug/l	98
39) Methylcyclohexane	9.109	83	415455	52.219	ug/l	100
40) Benzene	8.085	78	1031919	53.325	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023495.D
 Acq On : 20 Oct 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 03:53:17 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)
41) Methacrylonitrile	7.226	41	64538	49.293	ug/l	95
42) 1,2-Dichloroethane	8.158	62	256130	51.321	ug/l	98
43) Isopropyl Acetate	8.201	43	227762	47.184	ug/l	97
44) Trichloroethene	8.866	130	305416	53.923	ug/l	99
45) 1,2-Dichloropropane	9.146	63	229534	53.701	ug/l	100
46) Dibromomethane	9.231	93	144395	53.425	ug/l	97
47) Bromodichloromethane	9.426	83	371694	54.605	ug/l	99
48) Methyl methacrylate	9.225	41	108810	47.982	ug/l	93
49) 1,4-Dioxane	9.231	88	31612	1008.798	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	624720	250.488	ug/l	99
52) Toluene	10.170	92	697136	55.484	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	311462	52.623	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	373914	53.527	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	198839	54.709	ug/l	96
56) Ethyl methacrylate	10.438	69	222978	53.185	ug/l	97
57) 1,3-Dichloropropane	10.719	76	307360	53.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	478017	254.520	ug/l	99
59) 2-Hexanone	10.762	43	450192	252.586	ug/l	98
60) Dibromochloromethane	10.914	129	285363	56.001	ug/l	99
61) 1,2-Dibromoethane	11.018	107	185560	53.534	ug/l	99
64) Tetrachloroethene	10.652	164	376068	54.195	ug/l	99
65) Chlorobenzene	11.444	112	778936	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	285040	54.723	ug/l	99
67) Ethyl Benzene	11.517	91	1283945	54.266	ug/l	100
68) m/p-Xylenes	11.627	106	1049774	110.619	ug/l	99
69) o-Xylene	11.956	106	491144	55.176	ug/l	98
70) Styrene	11.969	104	827476	56.530	ug/l	99
71) Bromoform	12.133	173	175761	54.399	ug/l #	98
73) Isopropylbenzene	12.255	105	1264553	53.951	ug/l	100
74) N-amyl acetate	12.072	43	192168	45.646	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	196397	51.230	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	152304m	48.536	ug/l	
77) Bromobenzene	12.529	156	327531	52.562	ug/l	99
78) n-propylbenzene	12.597	91	1481587	54.623	ug/l	99
79) 2-Chlorotoluene	12.682	91	840142	52.894	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1041828	55.006	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	64672	50.539	ug/l	98
82) 4-Chlorotoluene	12.779	91	875903	53.545	ug/l	99
83) tert-Butylbenzene	12.999	119	950505	54.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1035061	54.758	ug/l	100
85) sec-Butylbenzene	13.176	105	1379527	54.992	ug/l	100
86) p-Isopropyltoluene	13.292	119	1178031	55.154	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	636760	52.476	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	621676	51.874	ug/l	99
89) n-Butylbenzene	13.615	91	1006820	54.099	ug/l	99
90) Hexachloroethane	13.877	117	244771	53.282	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	560913	52.725	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30192	47.998	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	337509	50.889	ug/l	98
94) Hexachlorobutadiene	15.023	225	218682	52.895	ug/l	99
95) Naphthalene	15.145	128	508120	48.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	289016	50.310	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
Data File : VY023495.D
Acq On : 20 Oct 2025 09:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Oct 21 03:53:17 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

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

TIC: VY023495.D\data.ms

Abundance

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

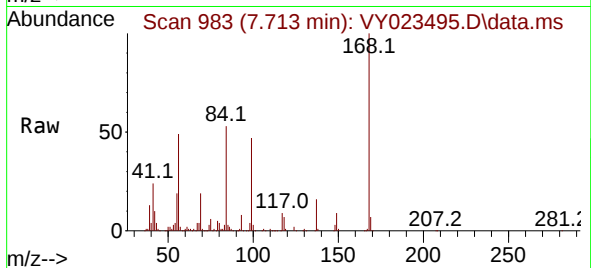
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,2-Trichloroethane, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acetonitrile, T
Methyl 2-Dimethyl Ethyl Ether, T
1,1-Dichloroethane, T
Isopropyl Acetate, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Dibromodichloromethane, T
1,1-Dichloroethane, T
Isopropyl Chloride, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methyl 2-Dimethyl propene, T
1,1,2-Trichloroethane, T
1,3-Dichloropropane, T
Dibromodichloromethane, T
1,2-Dibromoethane, T
Chlorobenzene, T
Ethyl Benzene, T
Styrene, T
Isopropylbenzene, T
n-Propylbenzene, T
1,3,5-Trimethylbenzene, T
Chlorobenzene, T
tert-Butylbenzene, T
1,2,4-Trimethylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
n-Butylbenzene, T
Hexachloroethane, T
1,2-Dichlorobenzene, T
1,2-Dibromo-3-Chloropropane, T
Naphthalene, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

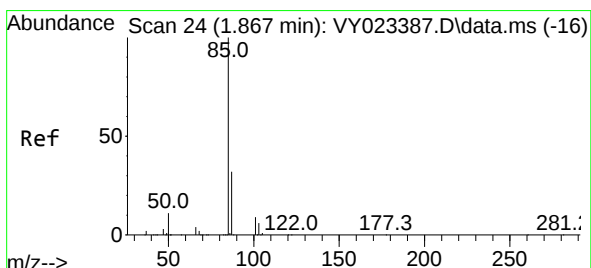
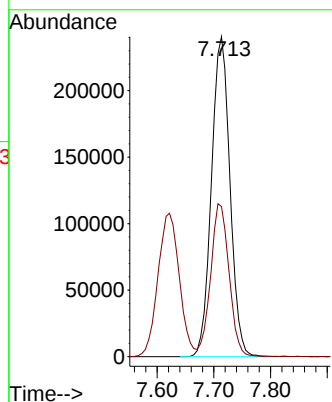
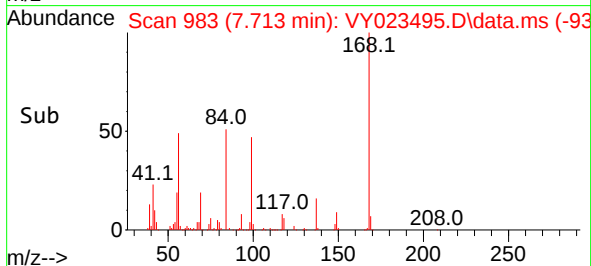
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 545120
Ion Ratio Lower Upper
168 100
99 46.8 39.7 59.5

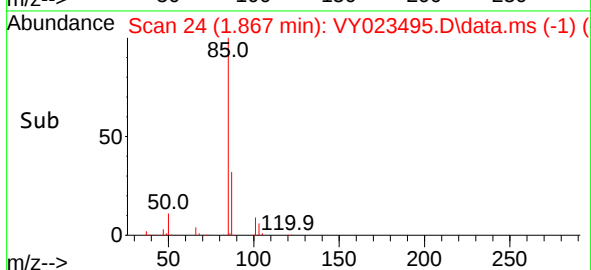
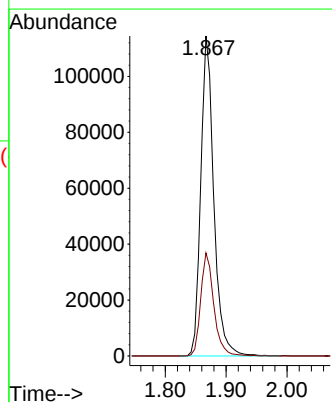
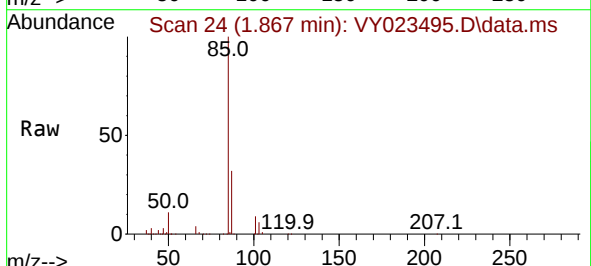
Manual Integrations
APPROVED

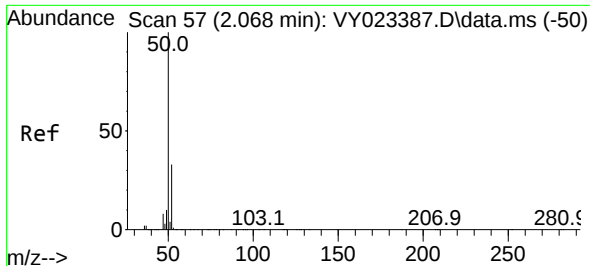
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 43.432 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

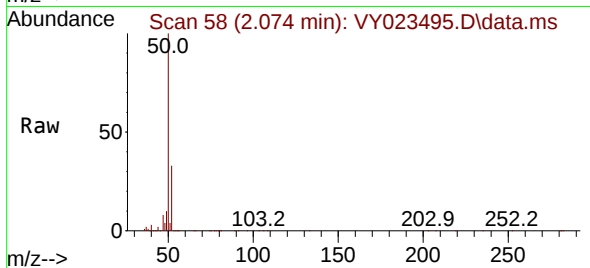
Tgt Ion: 85 Resp: 170416
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 41.955 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

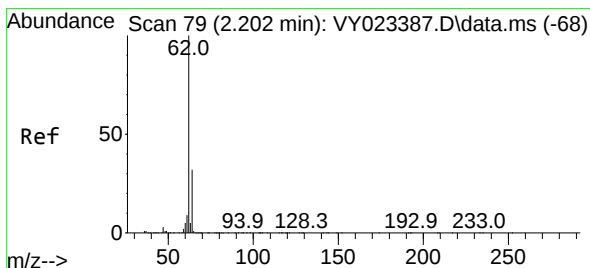
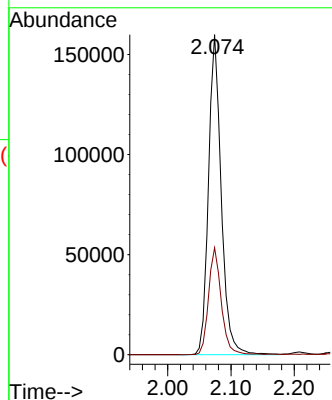
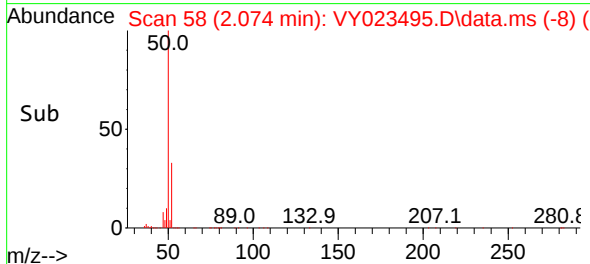
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 22425
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2

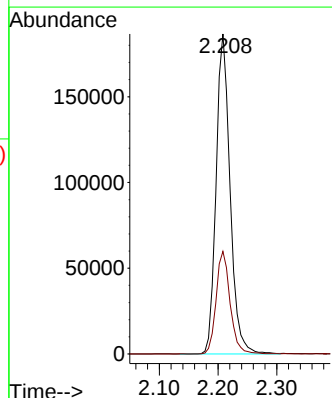
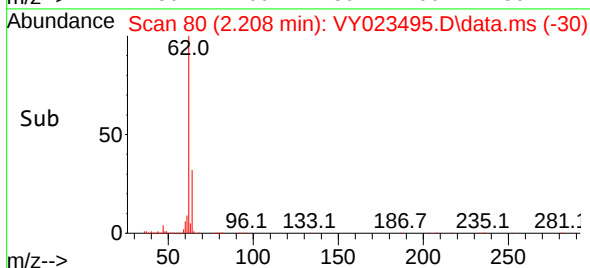
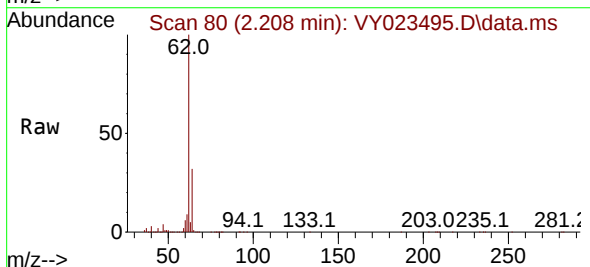
Manual Integrations
APPROVED

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



#4
Vinyl Chloride
Concen: 44.279 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

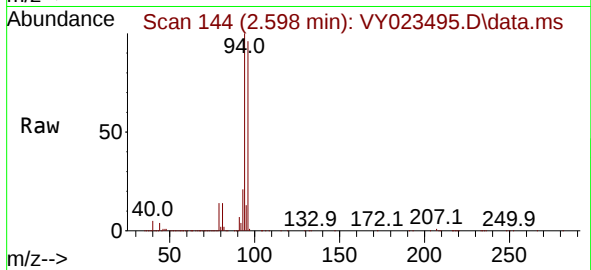
Tgt Ion: 62 Resp: 308272
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8





#5
Bromomethane
Concen: 44.117 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

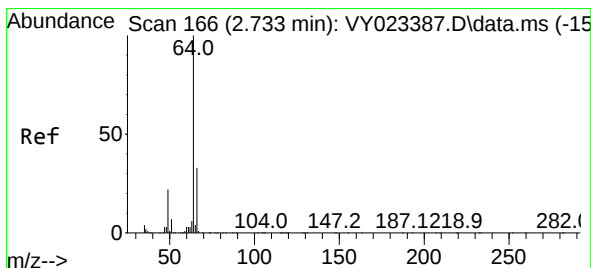
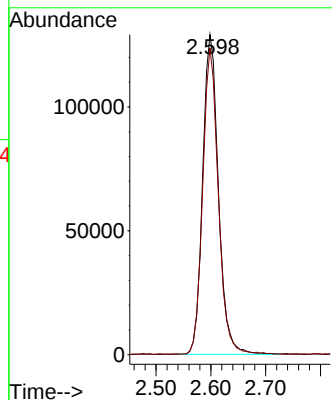
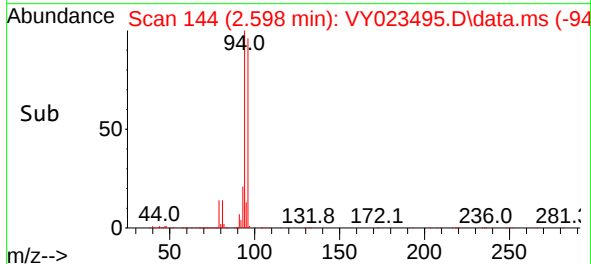
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



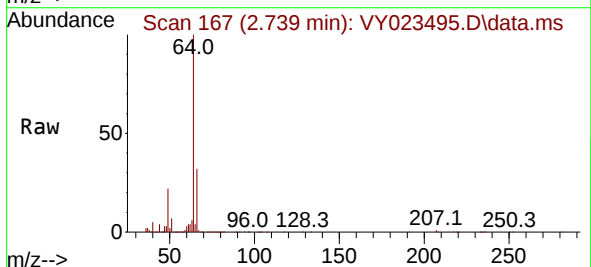
Tgt Ion: 94 Resp: 25774
Ion Ratio Lower Upper
94 100
96 95.8 74.5 111.7

Manual Integrations
APPROVED

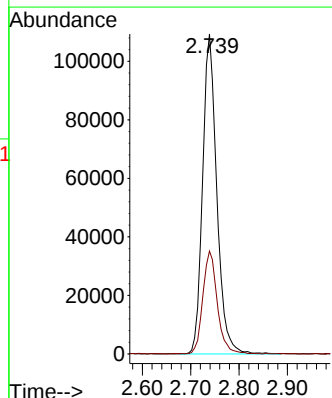
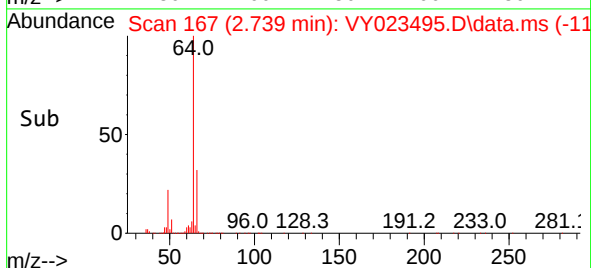
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

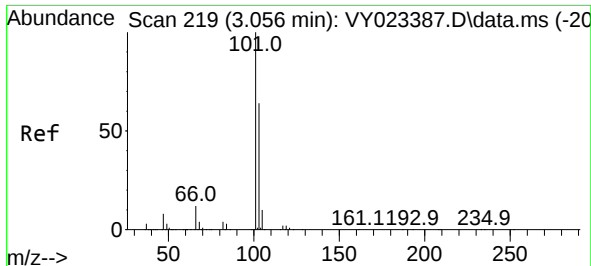


#6
Chloroethane
Concen: 46.989 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



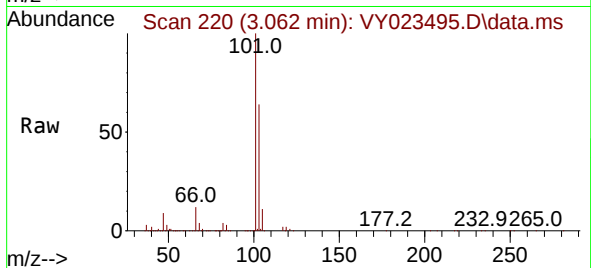
Tgt Ion: 64 Resp: 222991
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.866 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

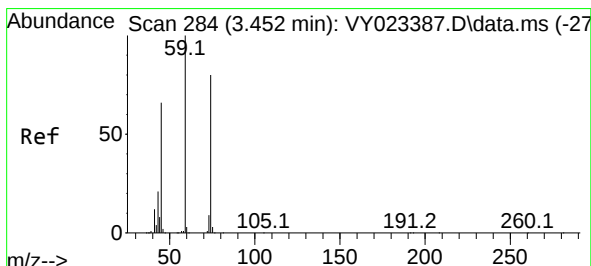
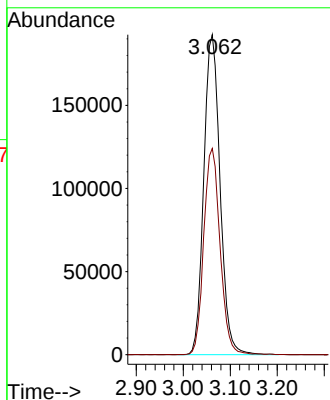
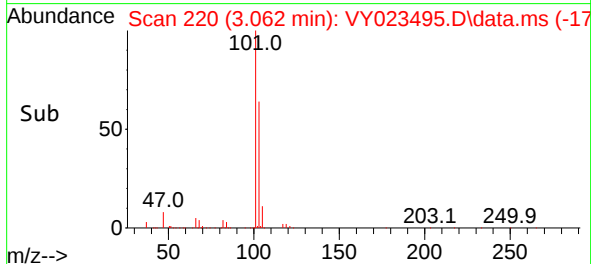
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



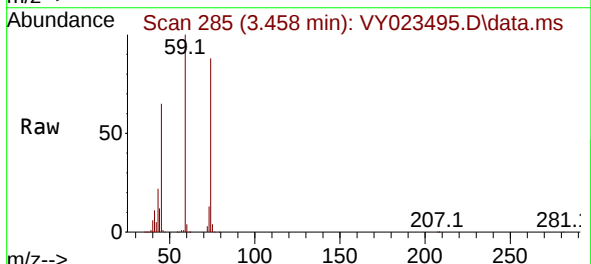
Tgt Ion:101 Resp: 462702
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

Manual Integrations
APPROVED

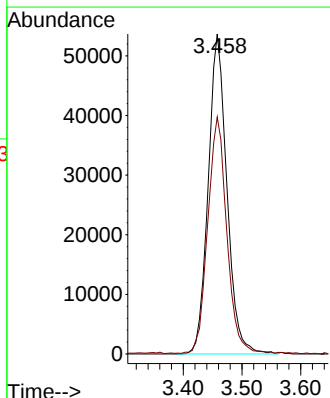
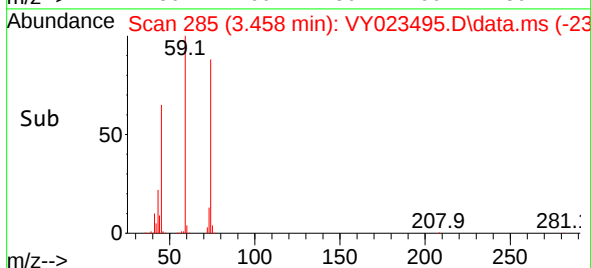
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 46.977 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 74 Resp: 118659
Ion Ratio Lower Upper
74 100
45 75.2 39.9 119.7





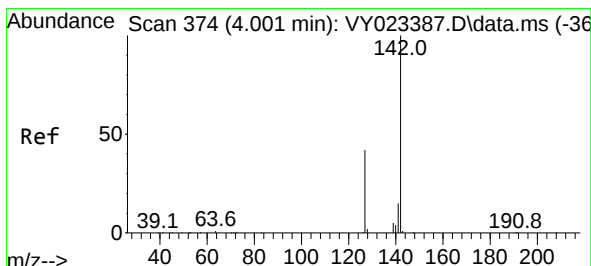
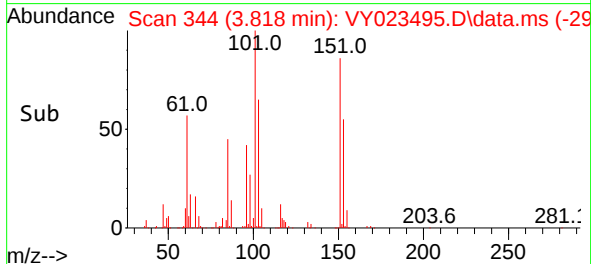
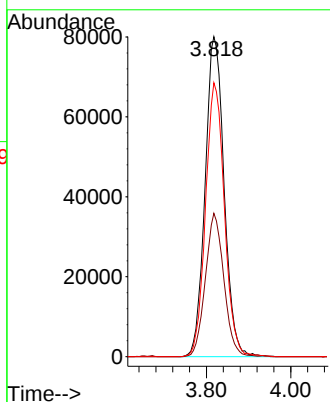
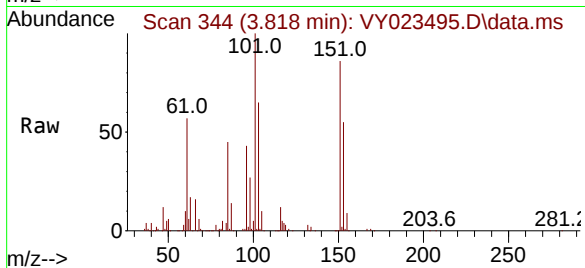
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.022 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 250918
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 85.1 67.0 100.6

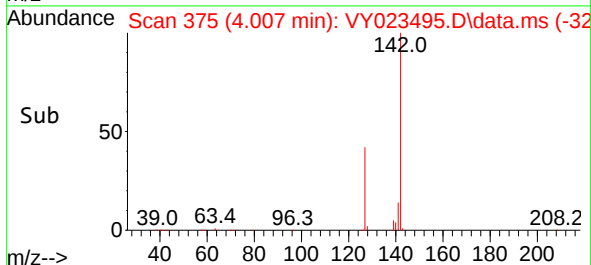
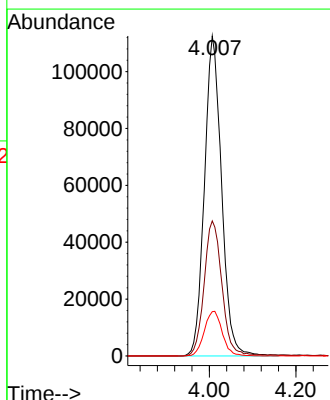
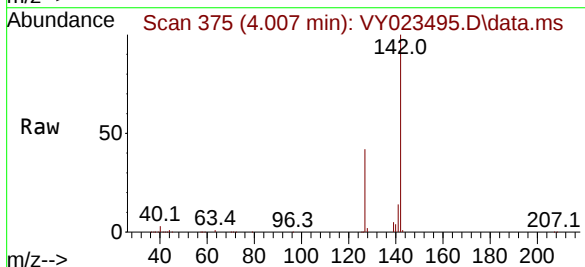
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 55.425 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

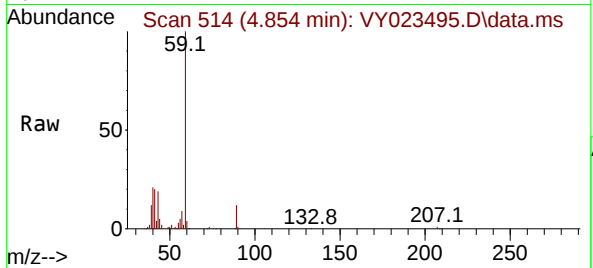
Tgt Ion:142 Resp: 309511
Ion Ratio Lower Upper
142 100
127 43.6 34.8 52.2
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 238.750 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

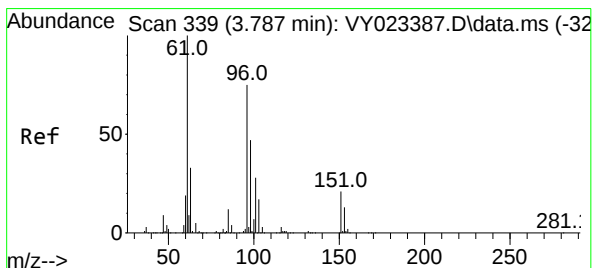
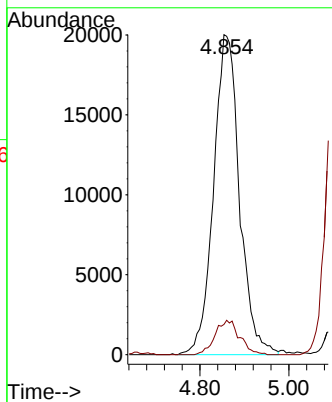
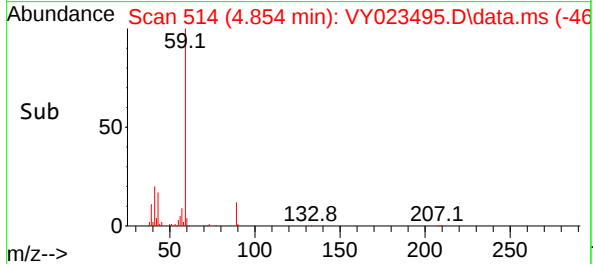
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 80964
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

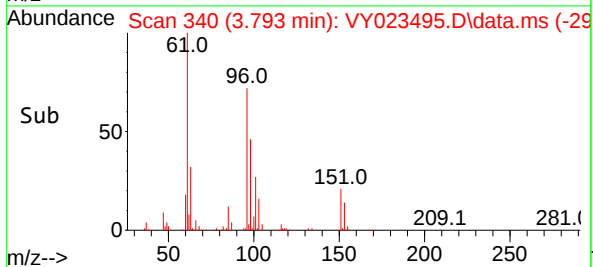
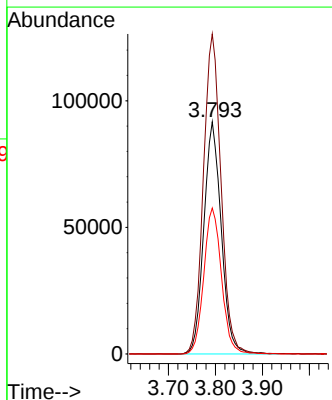
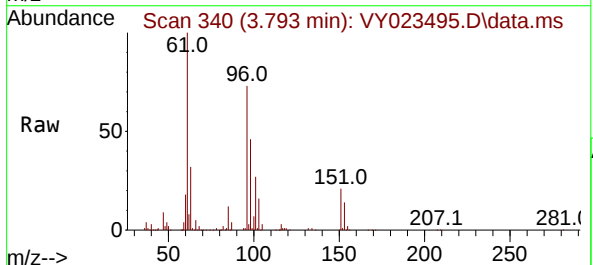
Manual Integrations
APPROVED

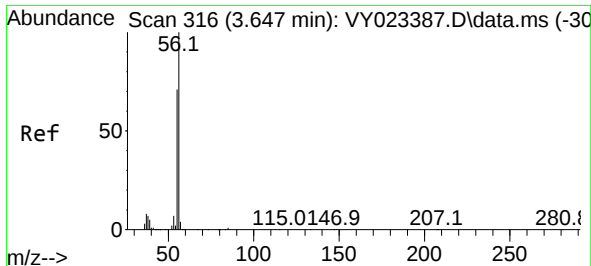
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
1,1-Dichloroethene
Concen: 48.456 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

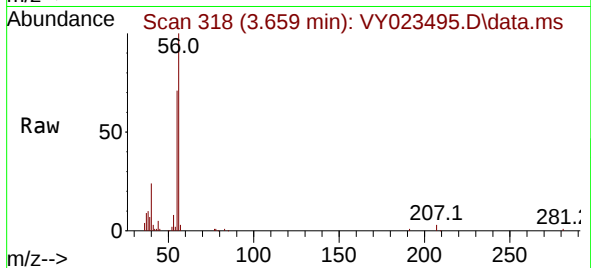
Tgt Ion: 96 Resp: 235624
Ion Ratio Lower Upper
96 100
61 137.9 106.7 160.1
98 62.9 50.2 75.4





#13
Acrolein
Concen: 88.000 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

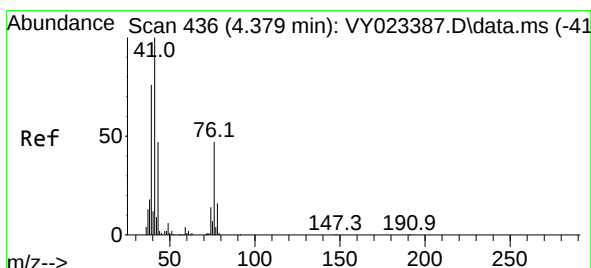
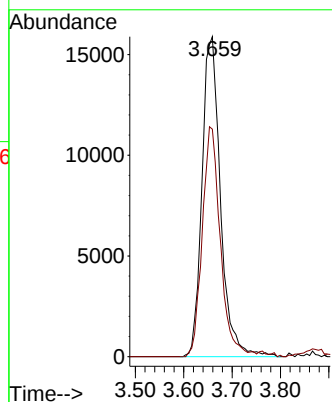
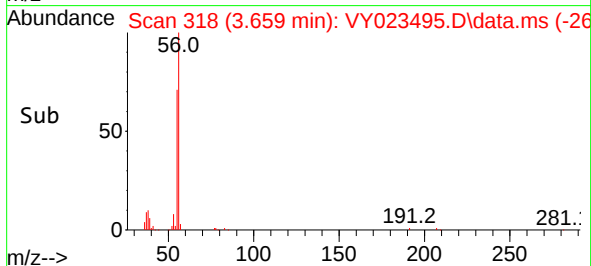
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 42168
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1

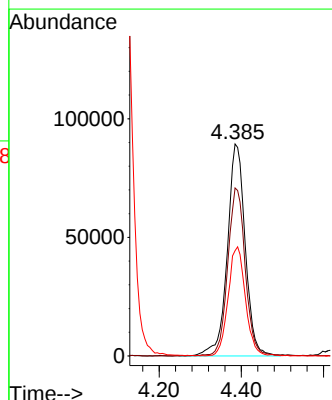
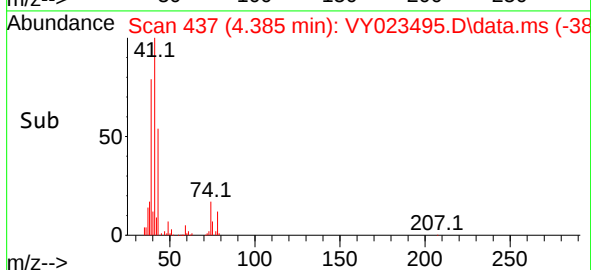
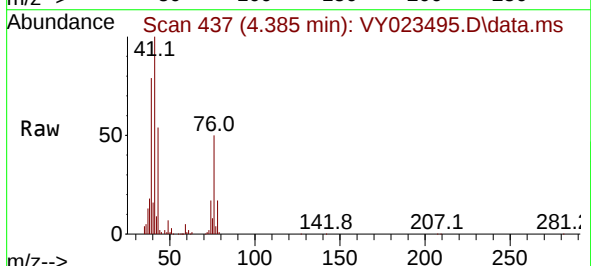
Manual Integrations
APPROVED

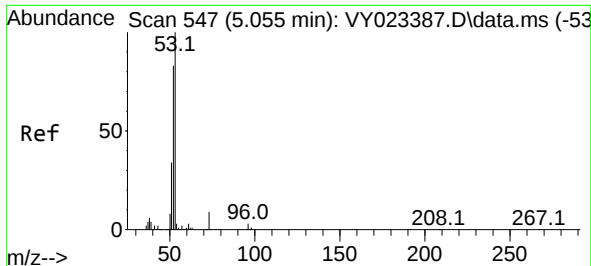
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 45.626 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

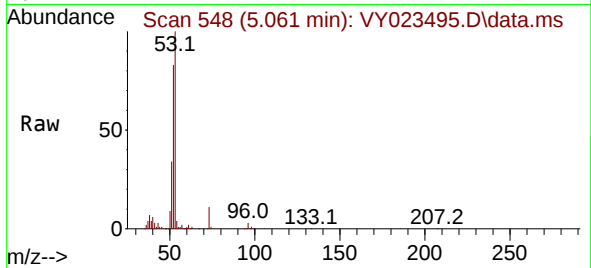
Tgt Ion: 41 Resp: 270384
Ion Ratio Lower Upper
41 100
39 77.6 59.9 89.9
76 49.6 38.0 57.0





#15
Acrylonitrile
Concen: 233.847 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

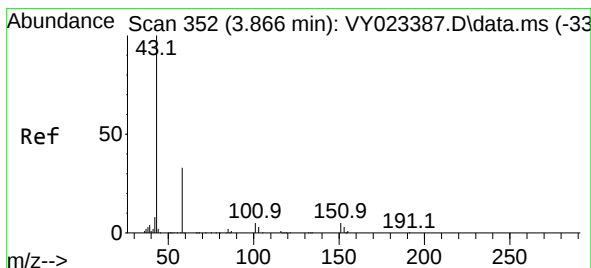
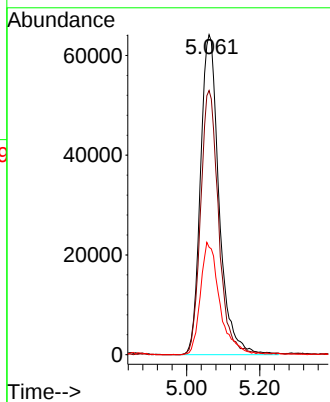
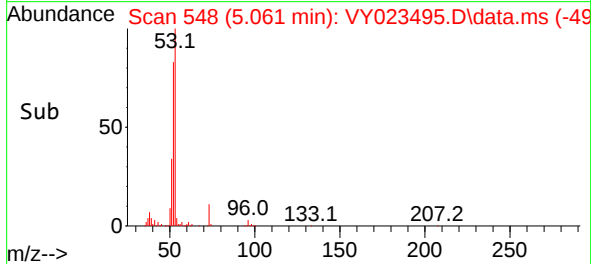
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



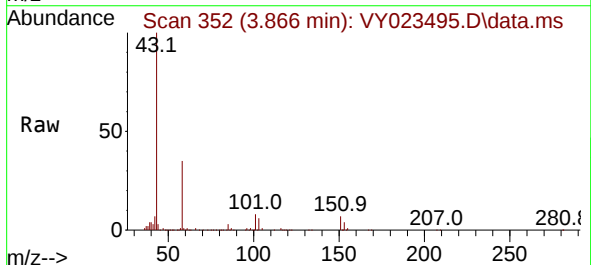
Tgt Ion: 53 Resp: 226050
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 36.6 29.5 44.3

Manual Integrations
APPROVED

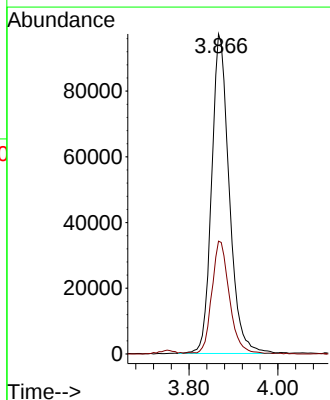
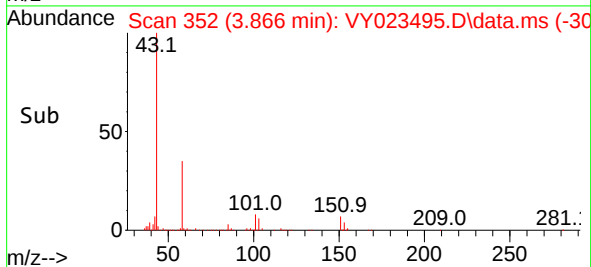
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

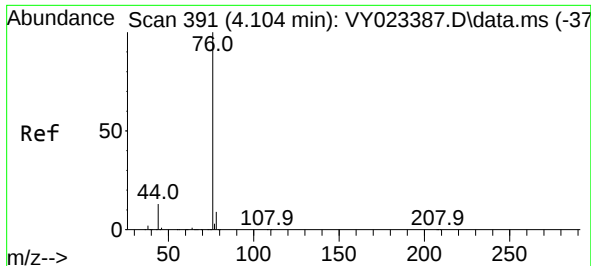


#16
Acetone
Concen: 246.734 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 43 Resp: 267757
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5





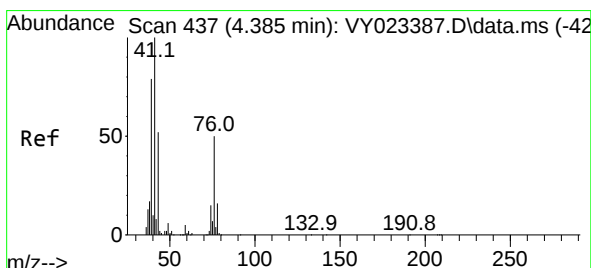
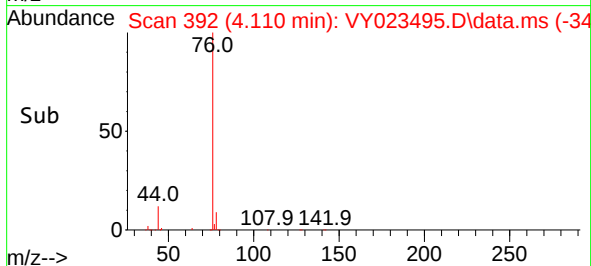
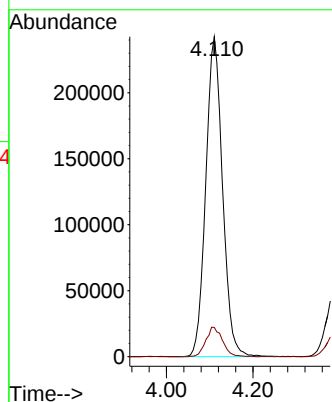
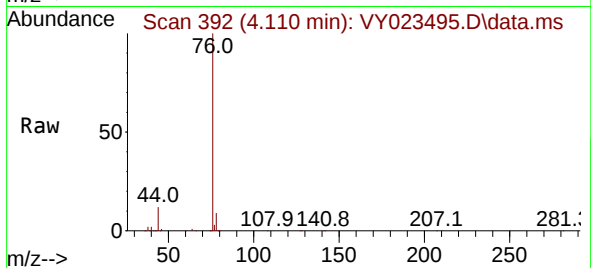
#17
Carbon Disulfide
Concen: 46.815 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 65154
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

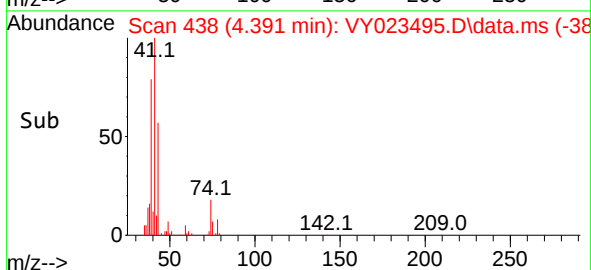
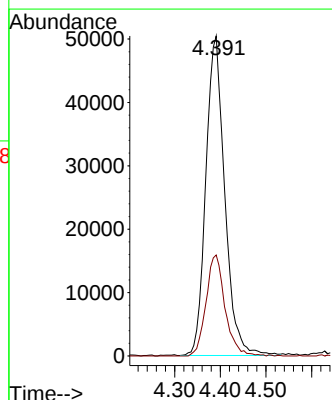
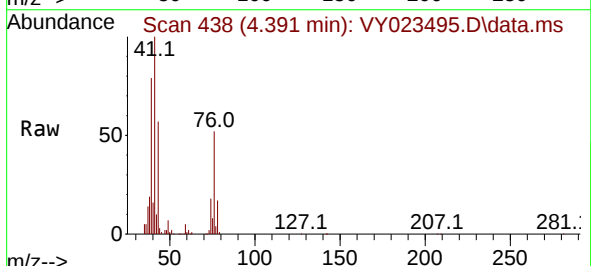
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 50.963 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

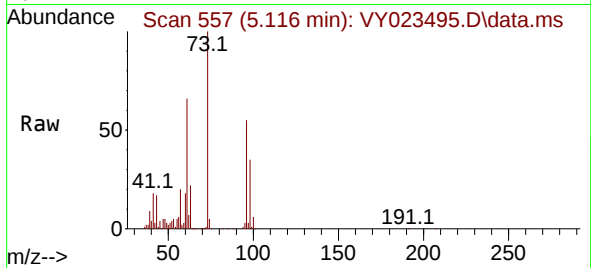
Tgt Ion: 43 Resp: 145077
Ion Ratio Lower Upper
43 100
74 31.7 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 48.537 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

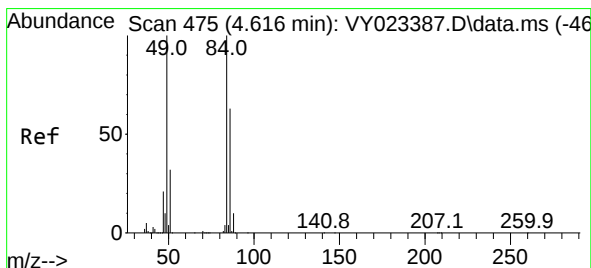
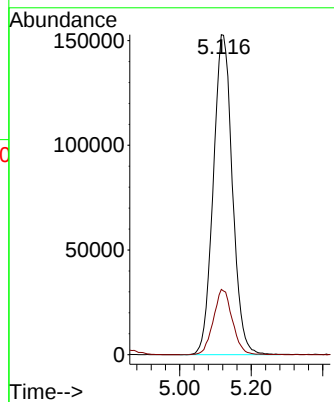
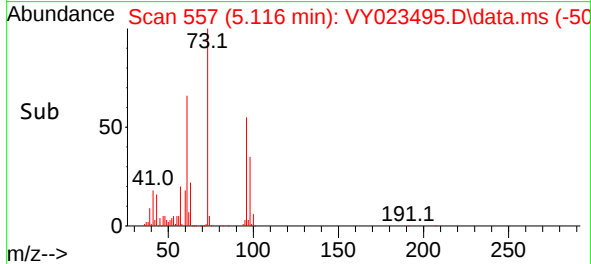
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



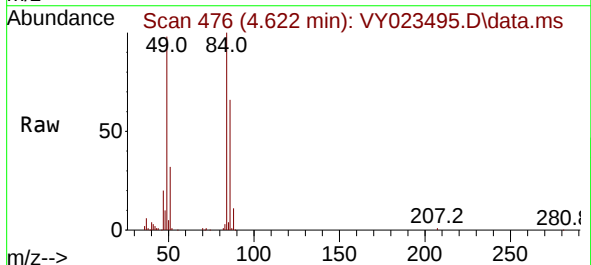
Tgt Ion: 73 Resp: 567249
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0

Manual Integrations
APPROVED

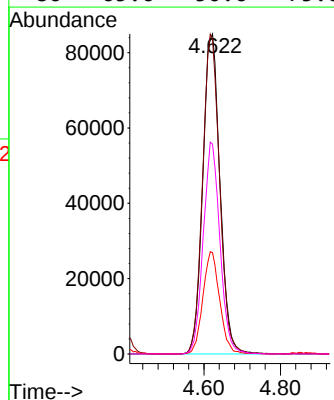
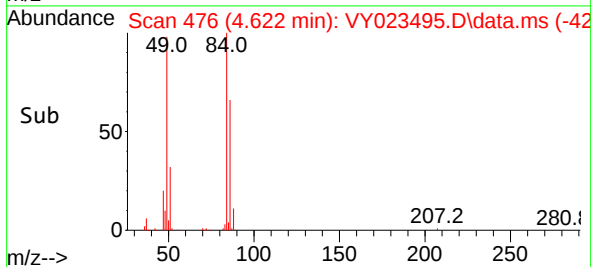
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

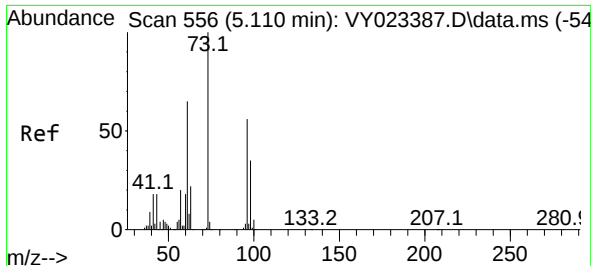


#20
Methylene Chloride
Concen: 45.149 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



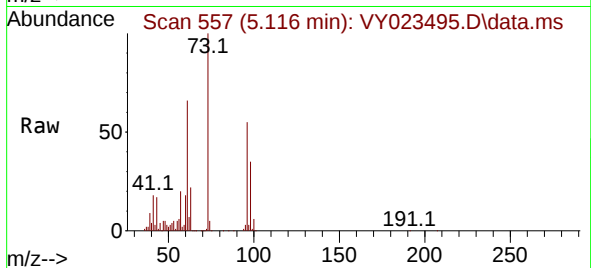
Tgt Ion: 84 Resp: 264941
Ion Ratio Lower Upper
84 100
49 98.4 80.2 120.4
51 31.7 25.9 38.9
86 65.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.440 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

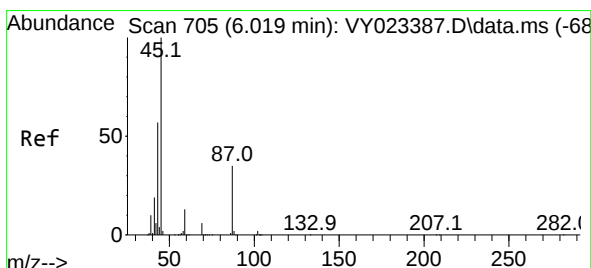
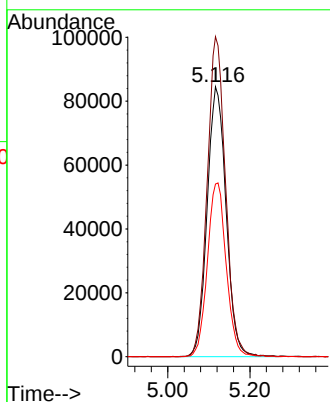
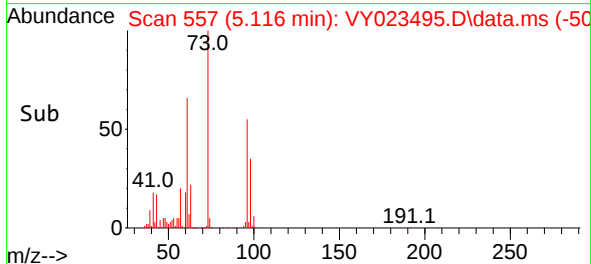
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



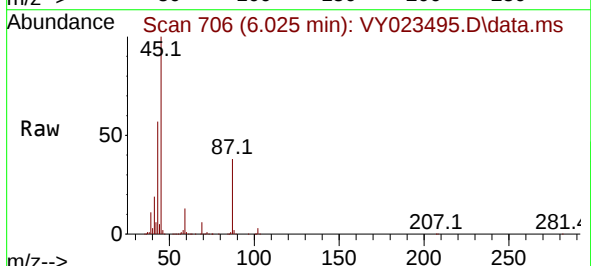
Tgt Ion: 96 Resp: 27003
Ion Ratio Lower Upper
96 100
61 118.6 92.7 139.1
98 63.9 49.7 74.5

Manual Integrations
APPROVED

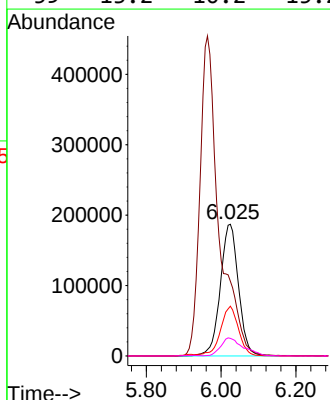
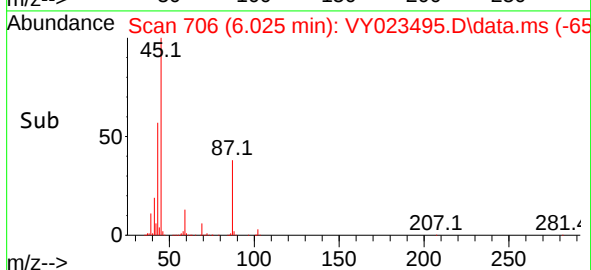
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

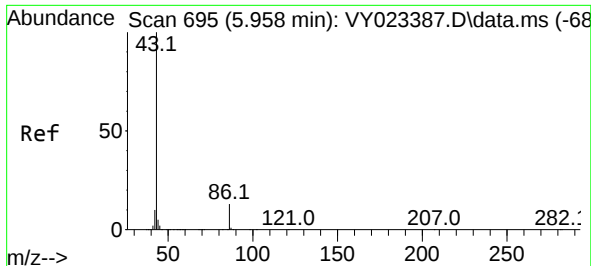


#22
Diisopropyl ether
Concen: 48.233 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



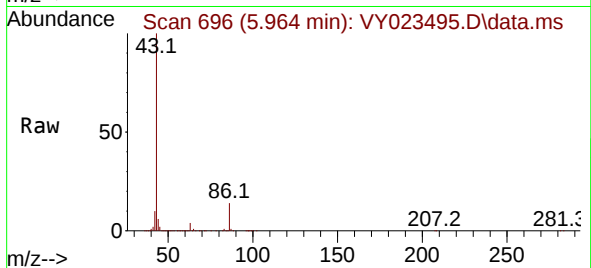
Tgt Ion: 45 Resp: 632267
Ion Ratio Lower Upper
45 100
43 56.7 45.6 68.4
87 37.6 28.1 42.1
59 13.2 10.2 15.2





#23
Vinyl Acetate
Concen: 227.456 ug/l
RT: 5.964 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

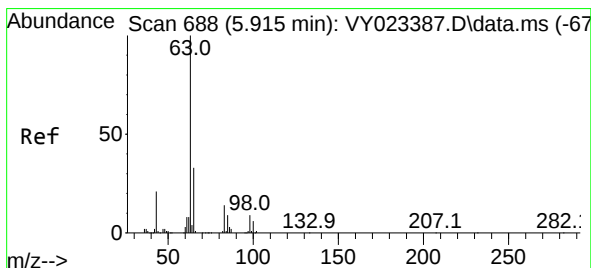
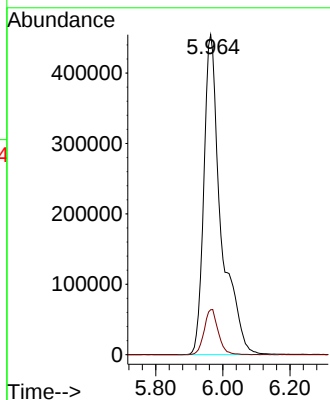
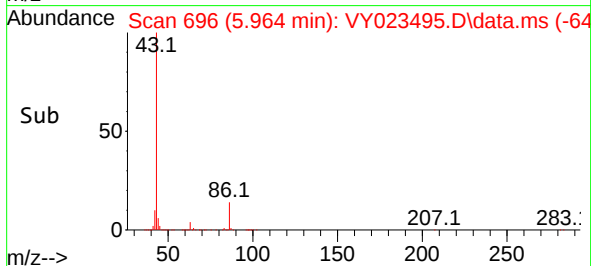
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



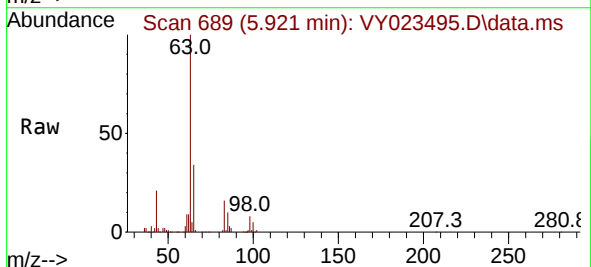
Tgt Ion: 43 Resp: 1613870
Ion Ratio Lower Upper
43 100
86 14.1 10.6 15.8

Manual Integrations
APPROVED

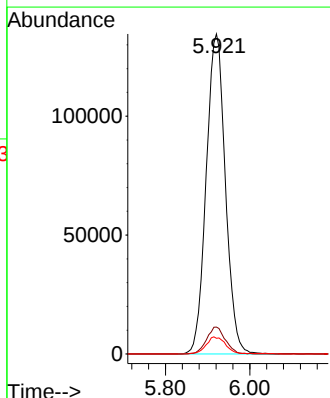
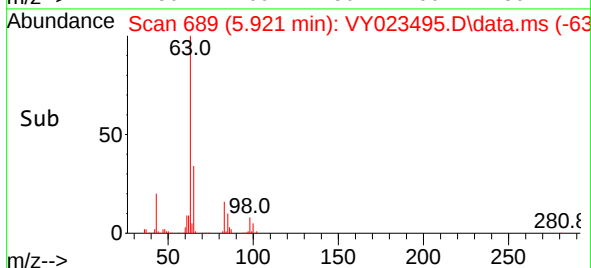
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#24
1,1-Dichloroethane
Concen: 49.020 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



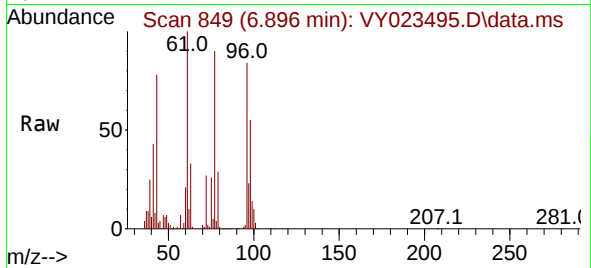
Tgt Ion: 63 Resp: 425651
Ion Ratio Lower Upper
63 100
98 8.4 4.3 13.1
100 4.9 2.8 8.4





#25
2-Butanone
Concen: 224.649 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

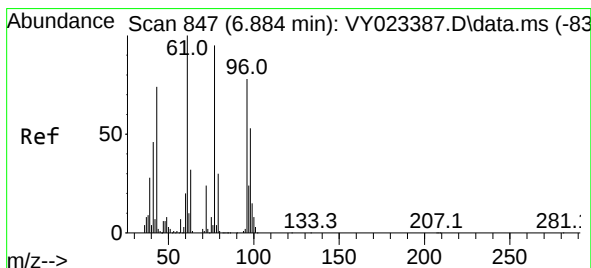
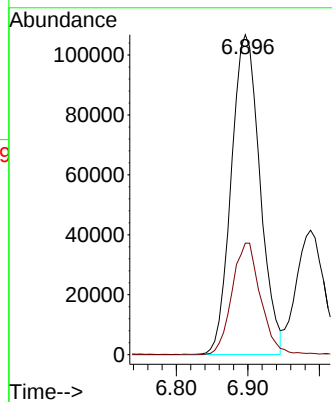
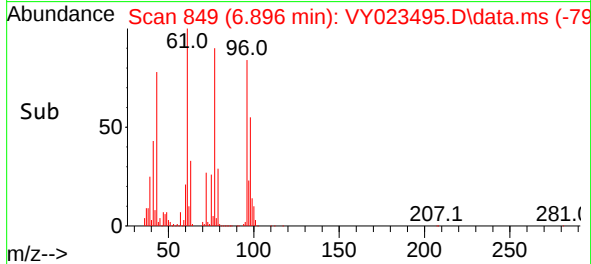
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



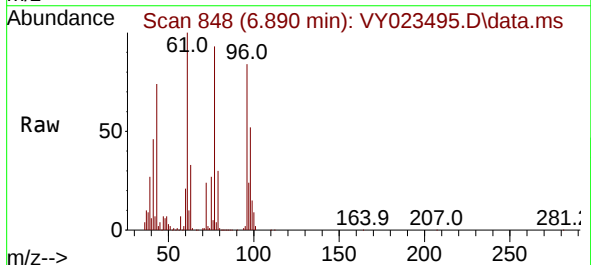
Tgt Ion: 43 Resp: 297629
Ion Ratio Lower Upper
43 100
72 34.9 27.4 41.2

Manual Integrations
APPROVED

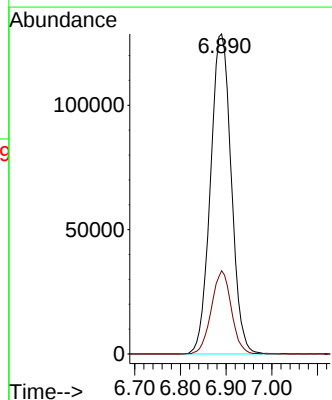
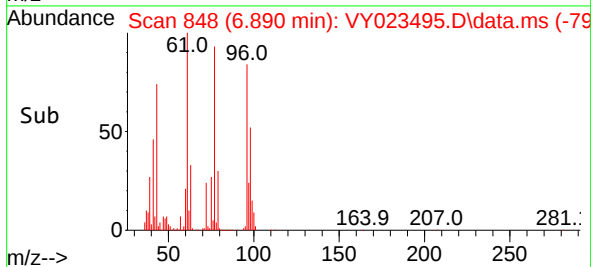
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

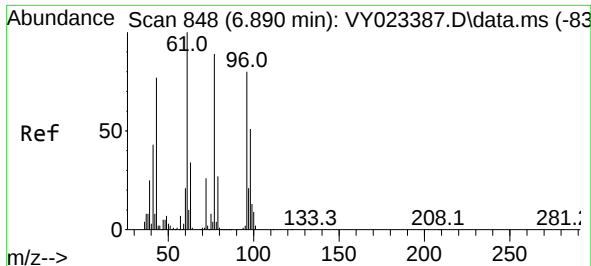


#26
2,2-Dichloropropane
Concen: 50.981 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 77 Resp: 406197
Ion Ratio Lower Upper
77 100
97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 51.768 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023495.D

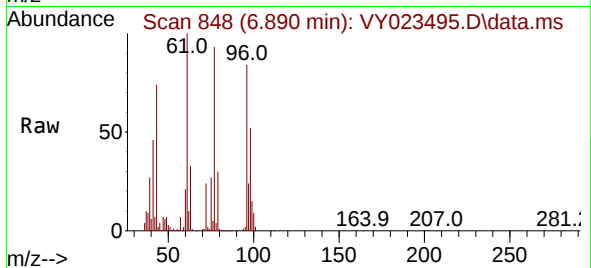
Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 32013

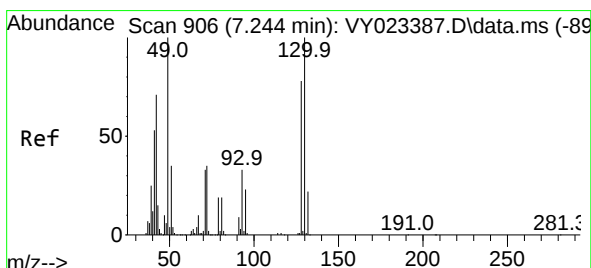
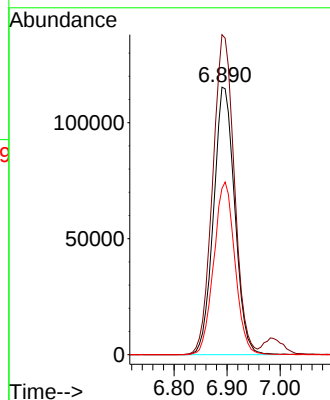
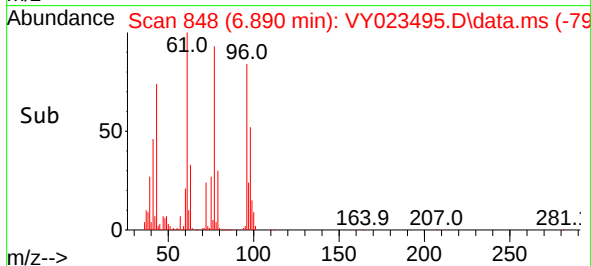
Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	258.2
98	64.4	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 42.199 ug/l

RT: 7.250 min Scan# 907

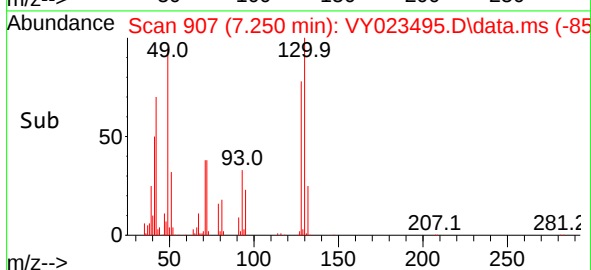
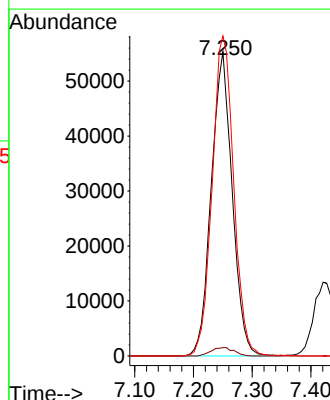
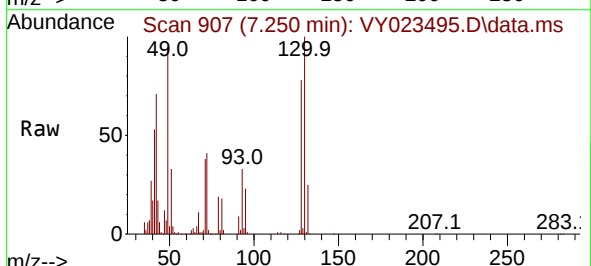
Delta R.T. 0.006 min

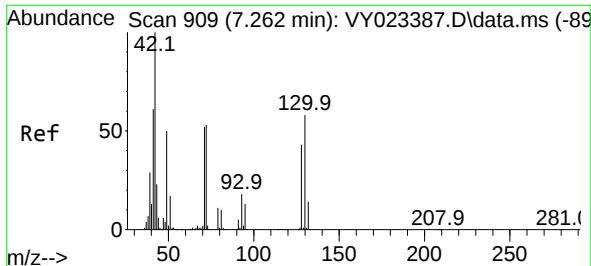
Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Tgt Ion: 49 Resp: 136791

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	108.1	81.9	122.9





#29

Tetrahydrofuran

Concen: 220.392 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 165578

Ion Ratio Lower Upper

42 100

72 56.5 43.0 64.6

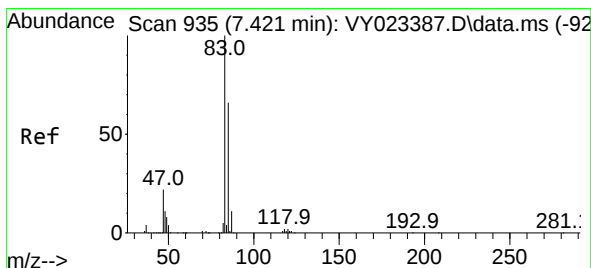
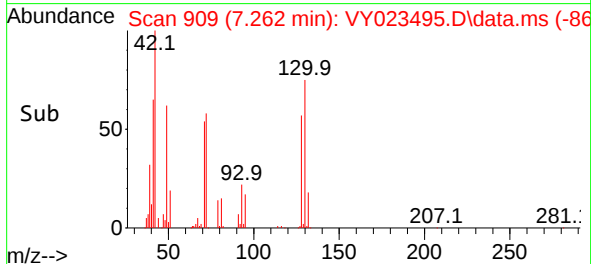
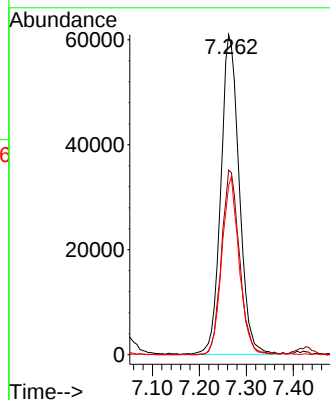
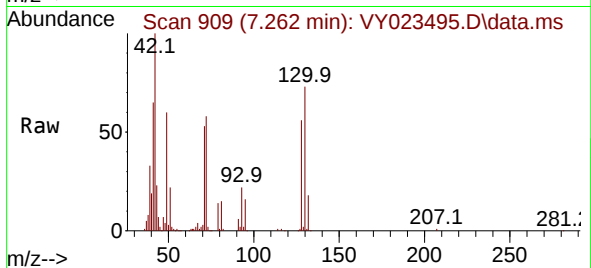
71 52.8 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 51.246 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023495.D

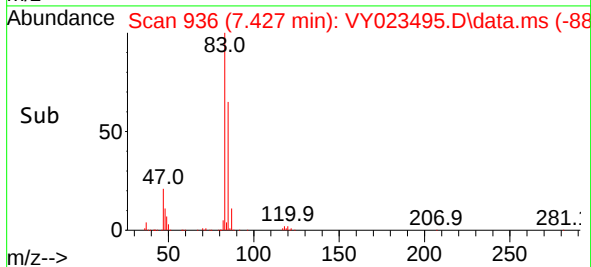
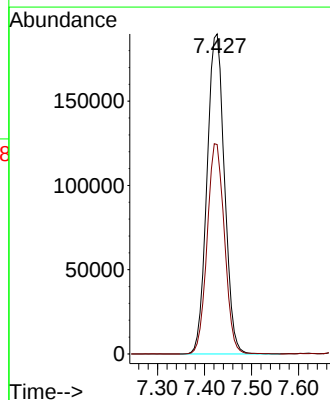
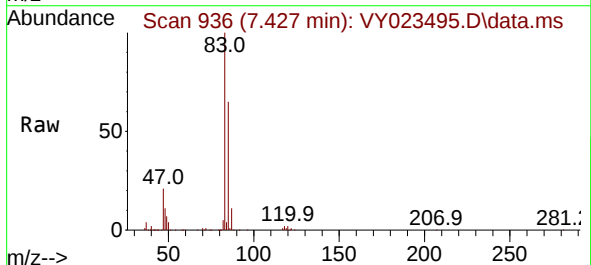
Acq: 20 Oct 2025 09:10

Tgt Ion: 83 Resp: 488891

Ion Ratio Lower Upper

83 100

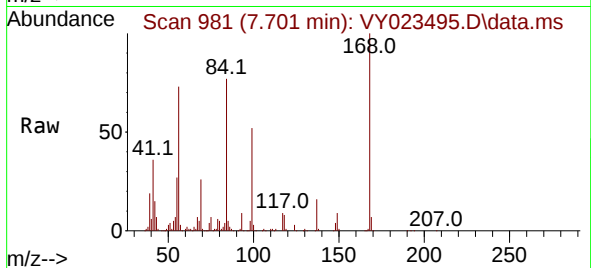
85 65.4 52.5 78.7





#31
Cyclohexane
Concen: 44.939 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

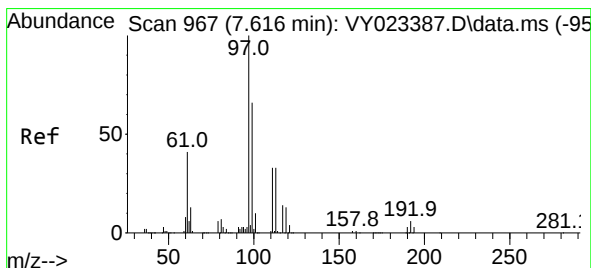
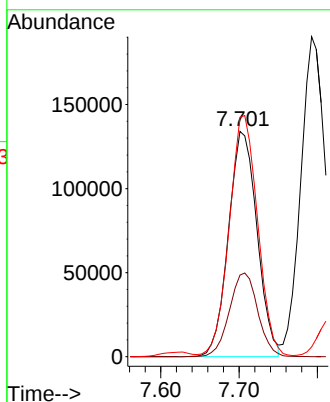
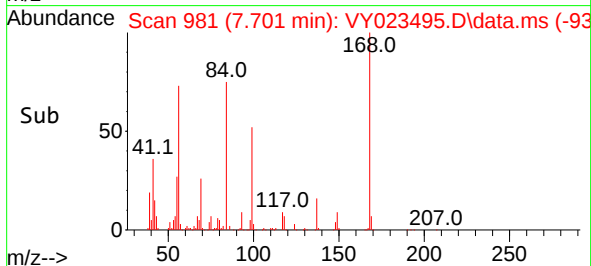
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



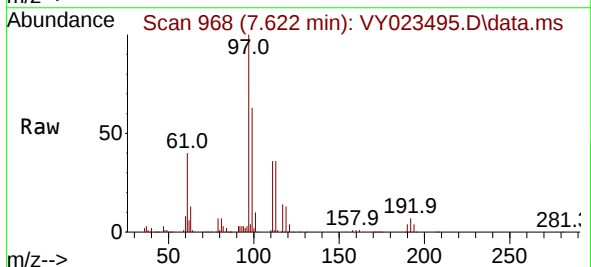
Tgt Ion: 56 Resp: 340770
Ion Ratio Lower Upper
56 100
69 36.2 30.0 45.0
84 104.3 81.2 121.8

Manual Integrations
APPROVED

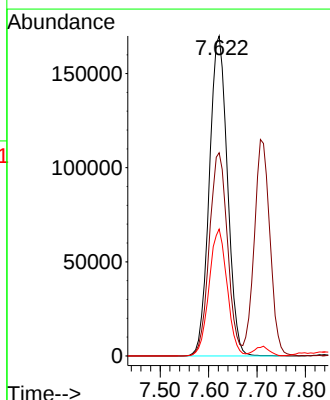
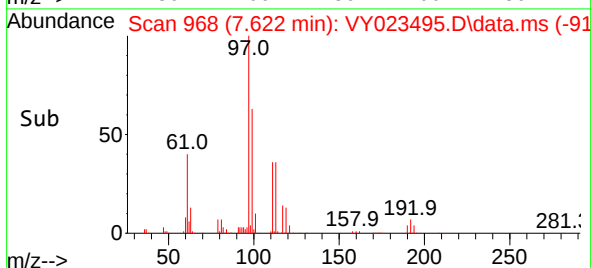
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 51.062 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 97 Resp: 442692
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 39.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.129 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 205714

Ion Ratio Lower Upper

65 100

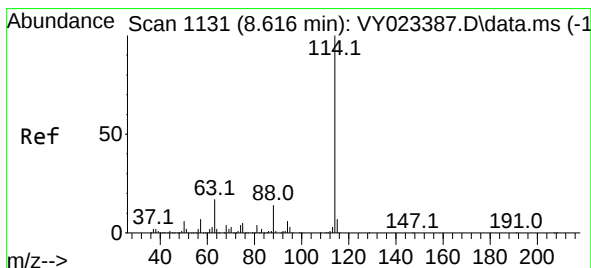
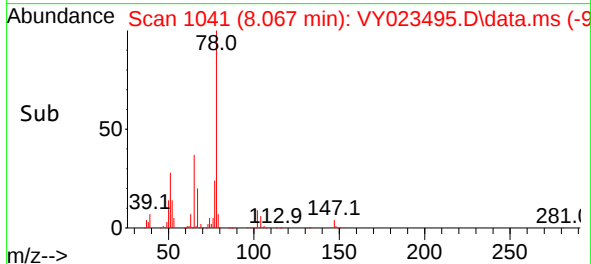
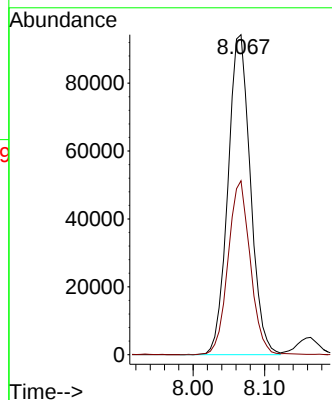
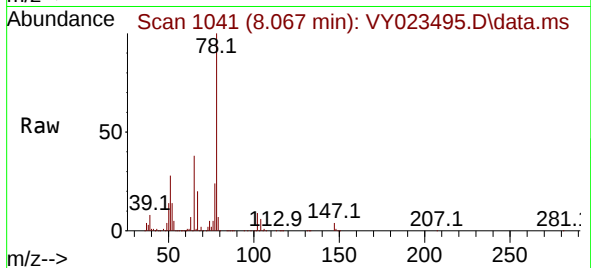
67 53.9 0.0 105.8

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: VY023495.D

Acq: 20 Oct 2025 09:10

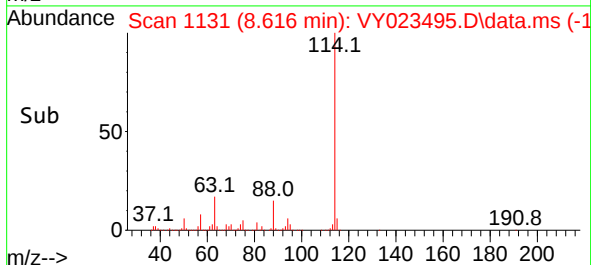
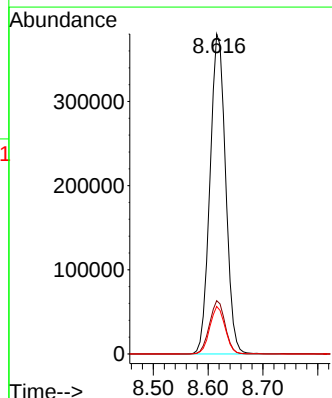
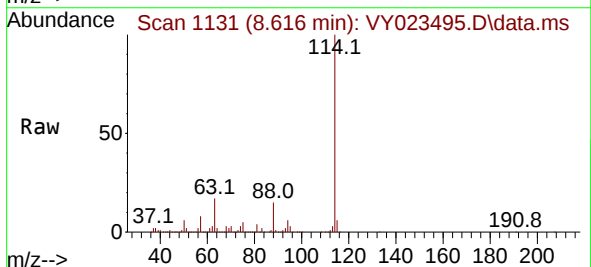
Tgt Ion:114 Resp: 751162

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

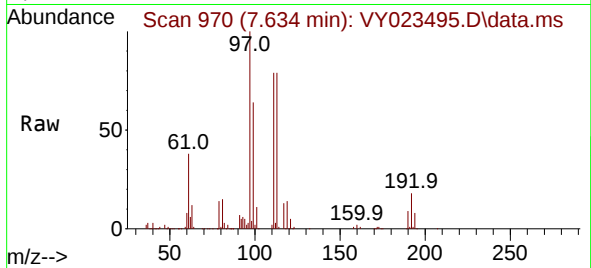
88 14.9 0.0 28.4





#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

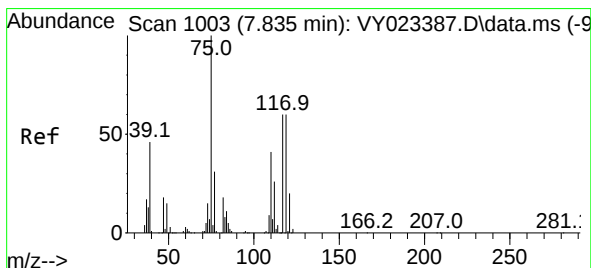
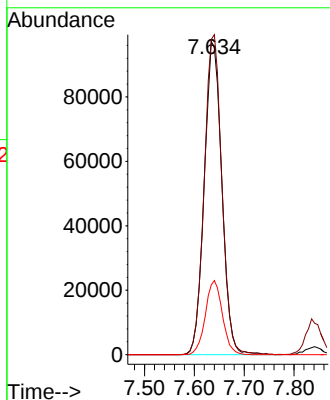
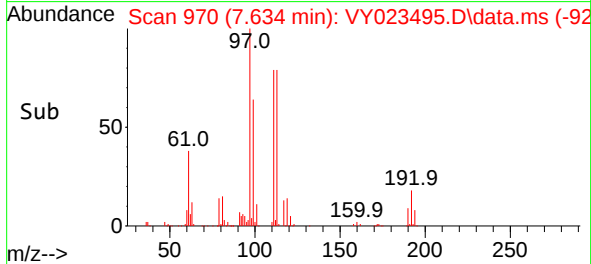
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



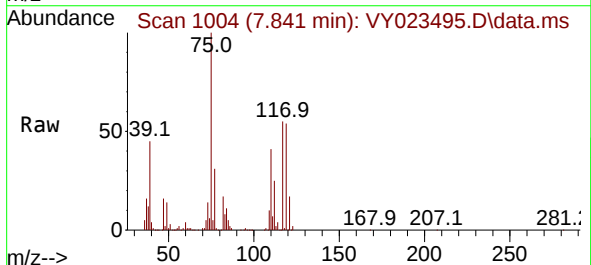
Tgt Ion:113 Resp: 237529
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 23.1 18.0 27.0

Manual Integrations
APPROVED

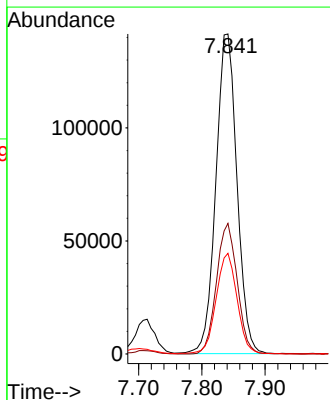
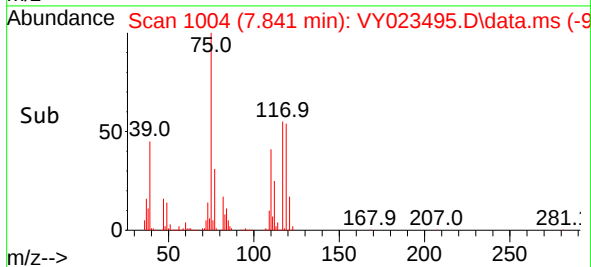
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

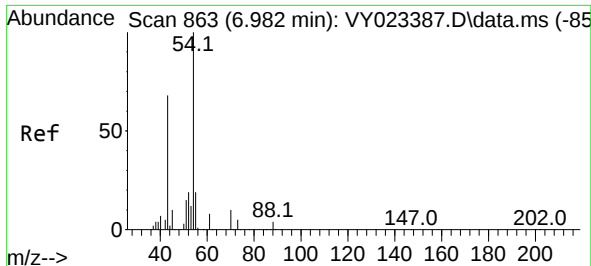


#36
1,1-Dichloropropene
Concen: 53.565 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 75 Resp: 327309
Ion Ratio Lower Upper
75 100
110 40.2 19.9 59.7
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 48.487 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11737

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.8

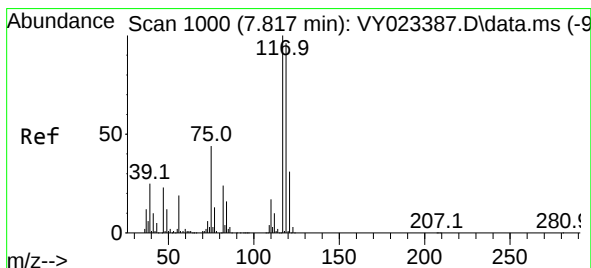
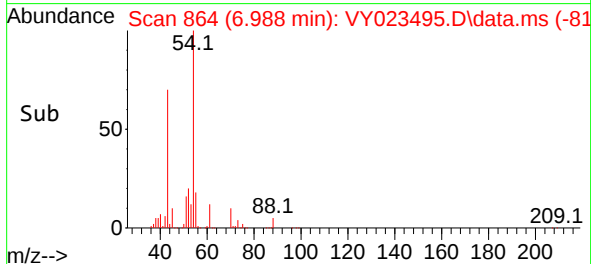
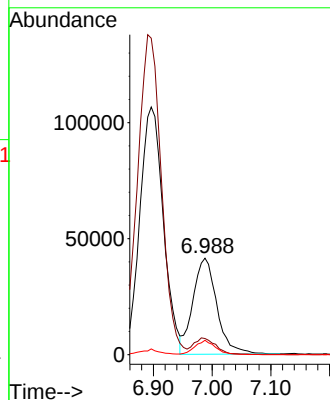
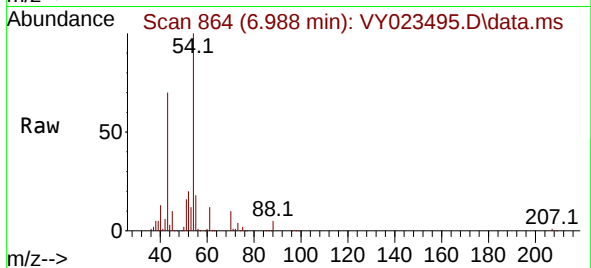
70 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 54.836 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

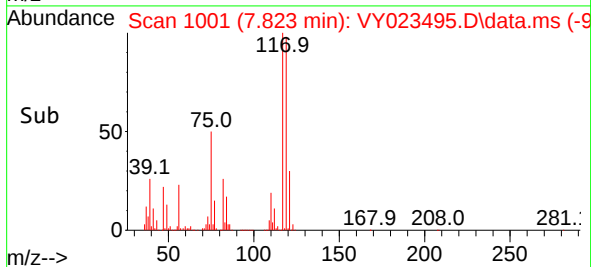
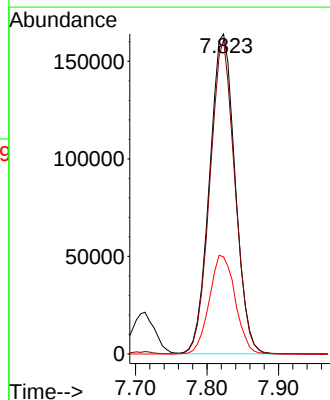
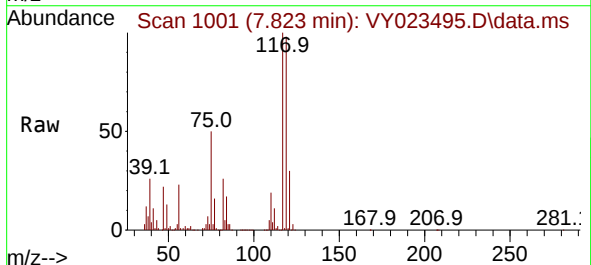
Tgt Ion:117 Resp: 406294

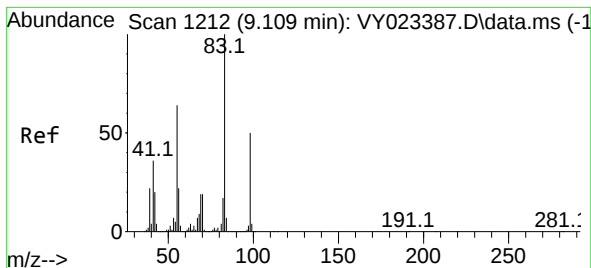
Ion Ratio Lower Upper

117 100

119 98.1 76.8 115.2

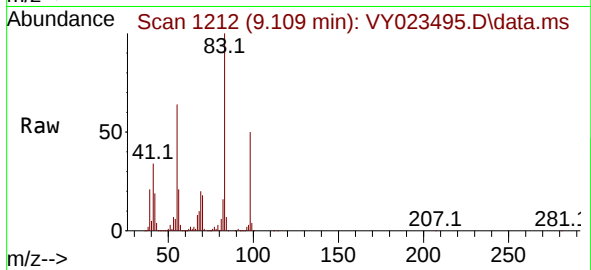
121 30.4 24.5 36.7





#39
Methylcyclohexane
Concen: 52.219 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

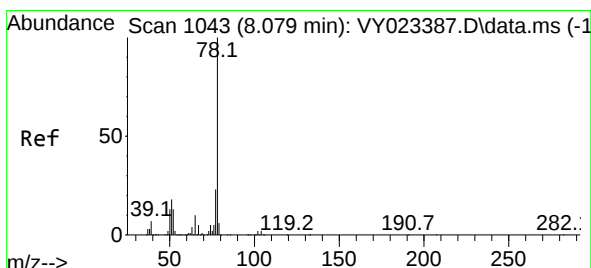
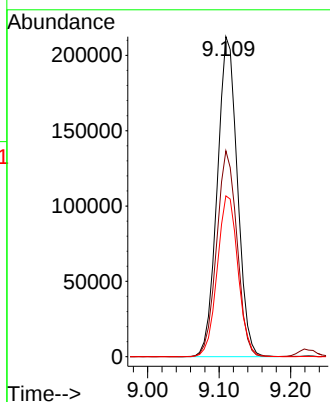
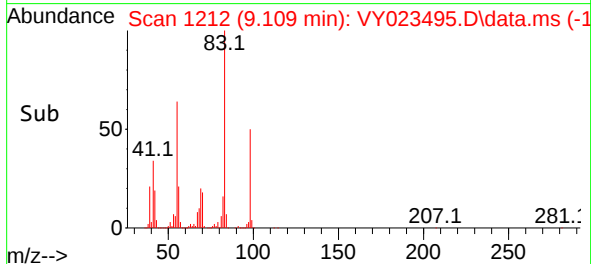
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



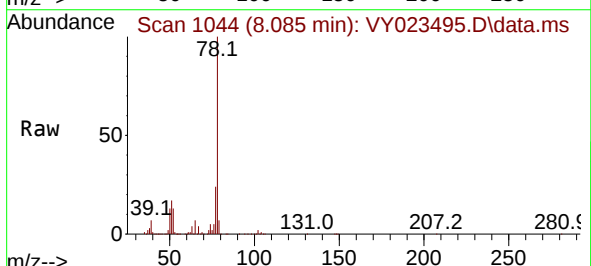
Tgt Ion: 83 Resp: 41545
Ion Ratio Lower Upper
83 100
55 64.4 51.4 77.2
98 50.2 40.4 60.6

Manual Integrations
APPROVED

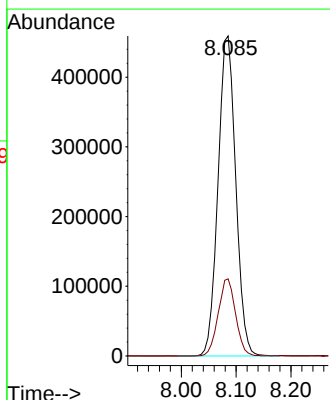
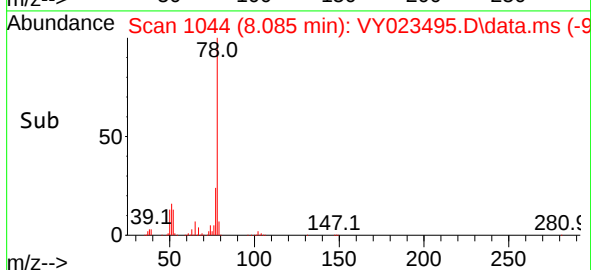
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

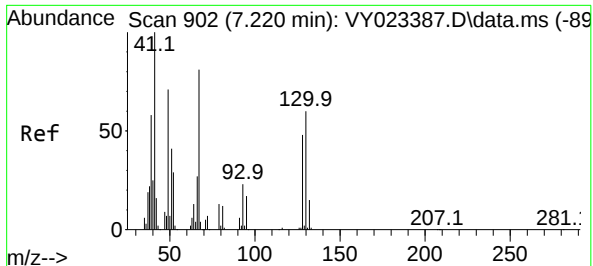


#40
Benzene
Concen: 53.325 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 78 Resp: 1031919
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5





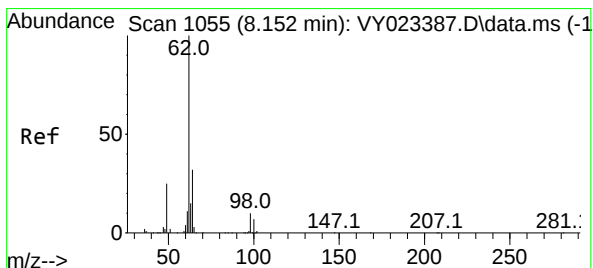
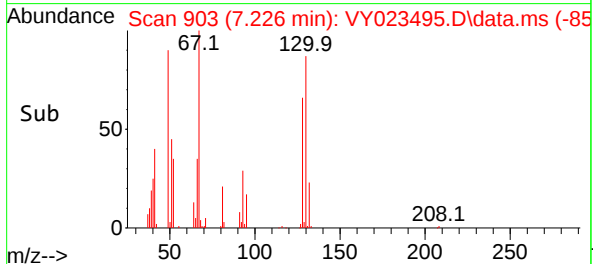
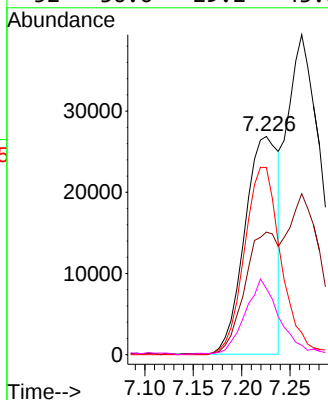
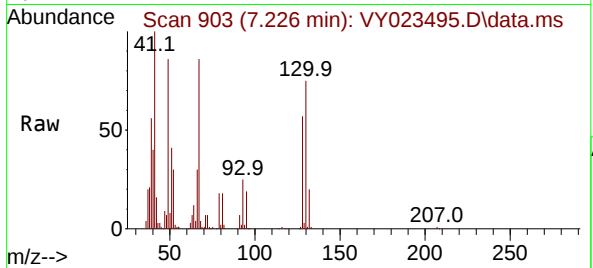
#41
Methacrylonitrile
Concen: 49.293 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 64538
Ion Ratio Lower Upper
41 100
39 55.7 52.2 78.4
67 94.8 74.9 112.3
52 36.6 29.2 43.8

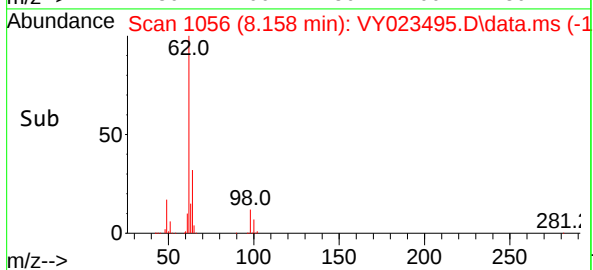
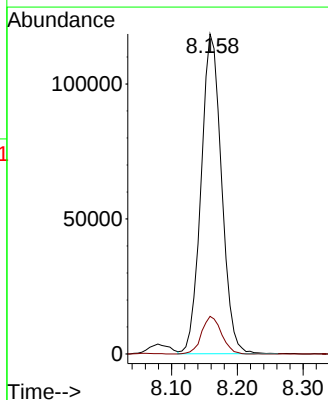
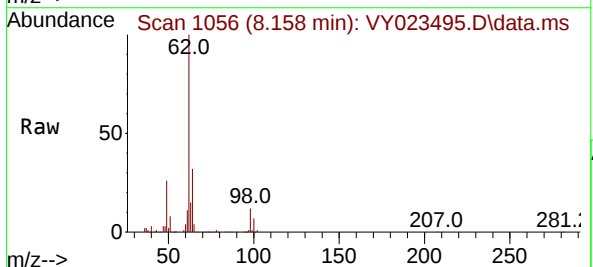
Manual Integrations
APPROVED

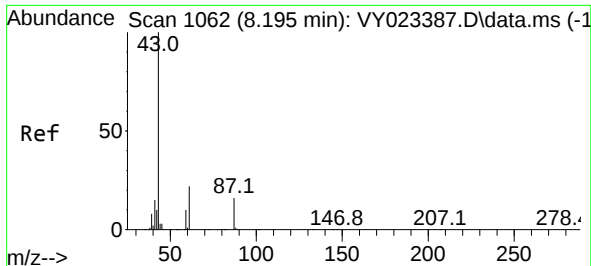
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 51.321 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

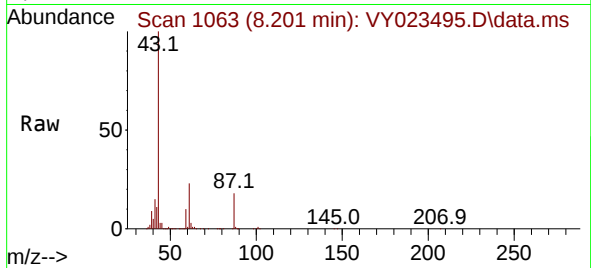
Tgt Ion: 62 Resp: 256130
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6





#43
Isopropyl Acetate
Concen: 47.184 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

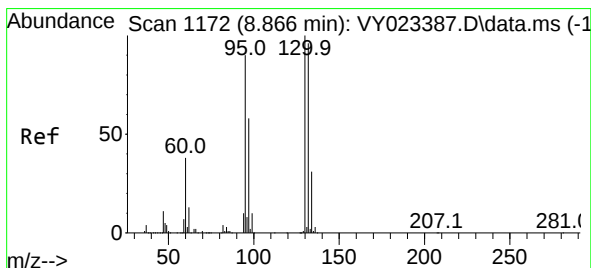
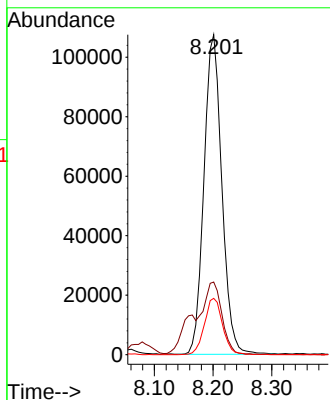
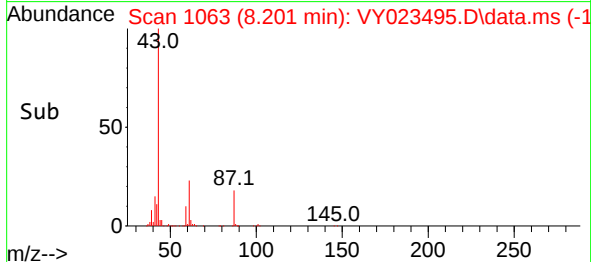
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



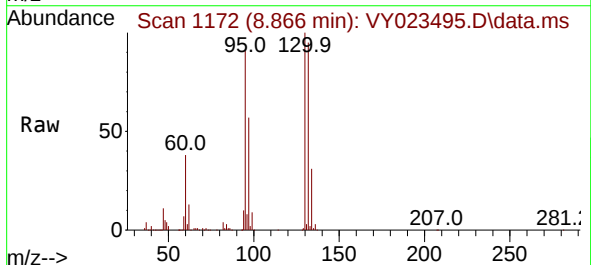
Tgt Ion: 43 Resp: 227762
Ion Ratio Lower Upper
43 100
61 24.2 18.1 27.1
87 17.8 13.5 20.3

Manual Integrations
APPROVED

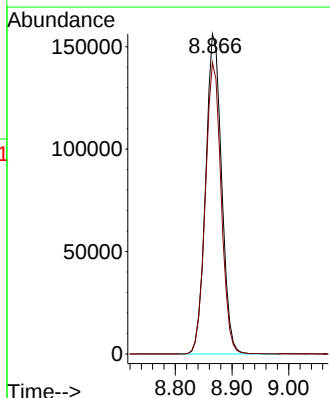
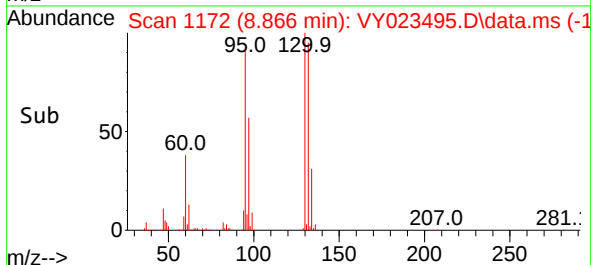
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 53.923 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion:130 Resp: 305416
Ion Ratio Lower Upper
130 100
95 91.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 53.701 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 229534

Ion Ratio Lower Upper

63 100

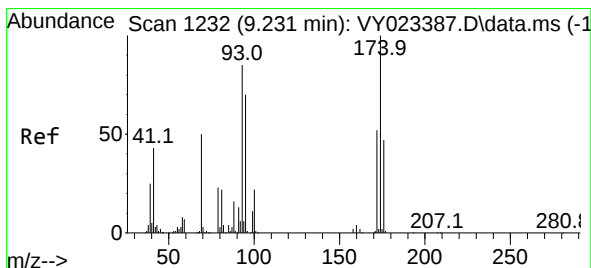
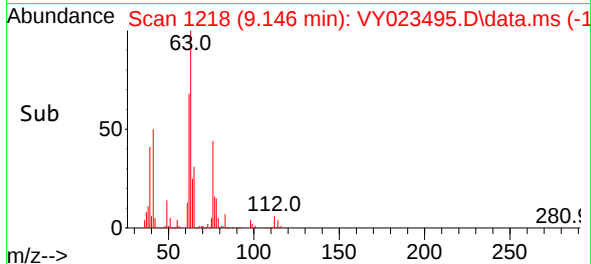
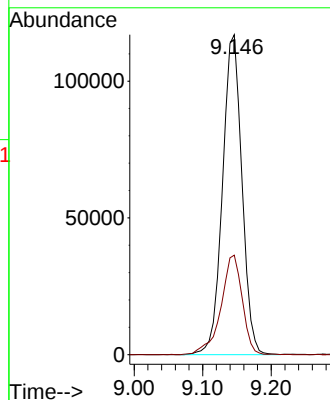
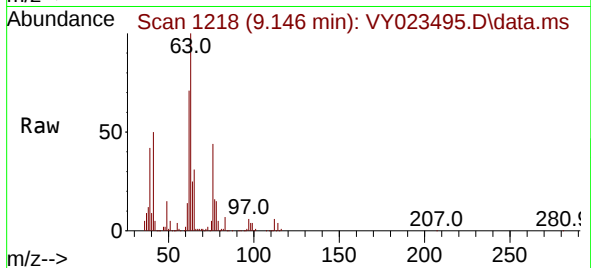
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 53.425 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

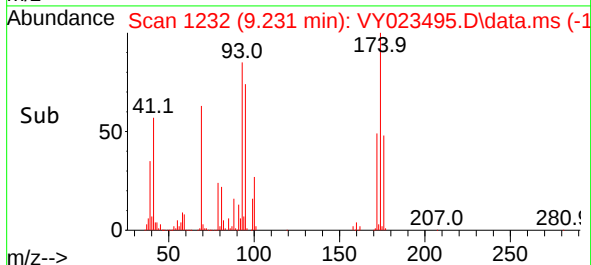
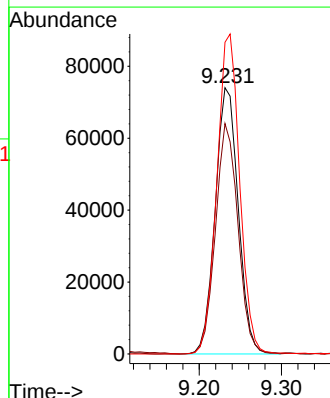
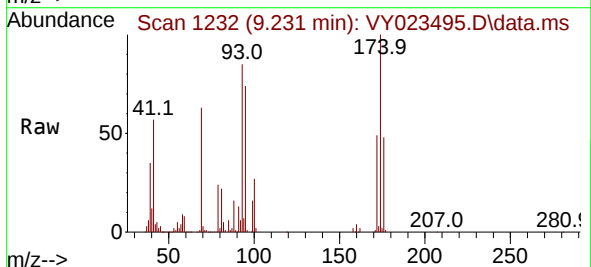
Tgt Ion: 93 Resp: 144395

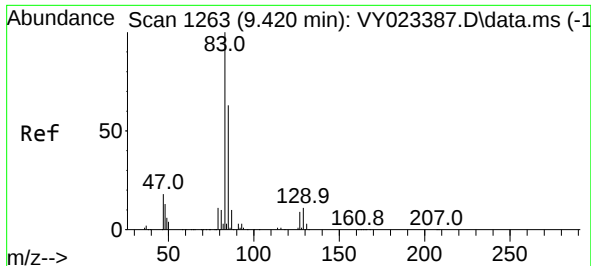
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.0

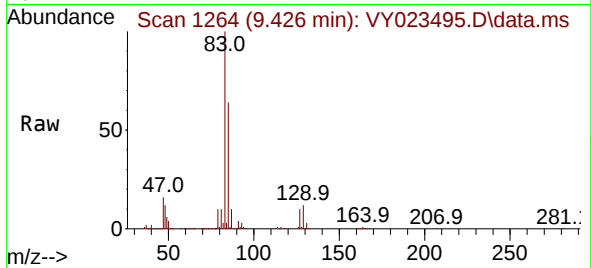
174 119.3 92.9 139.3





#47
Bromodichloromethane
Concen: 54.605 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

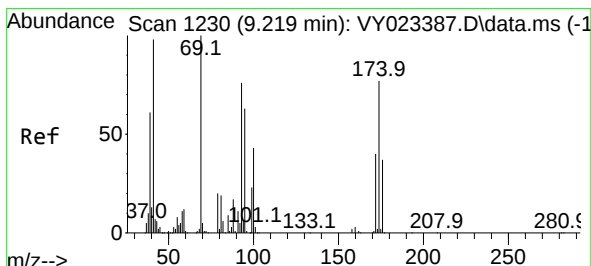
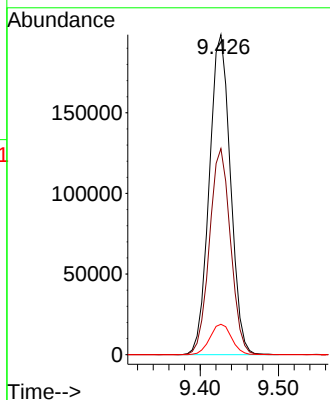
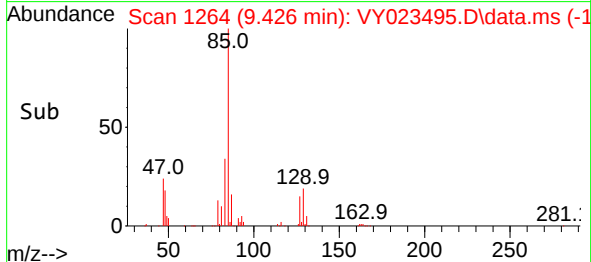
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 371694
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 9.5 7.4 11.2

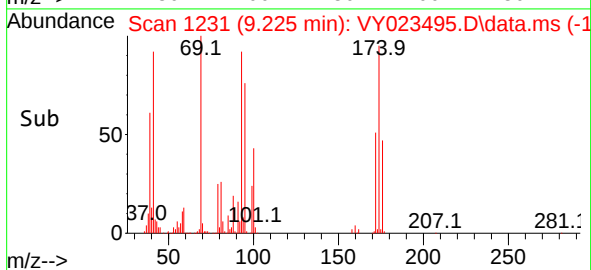
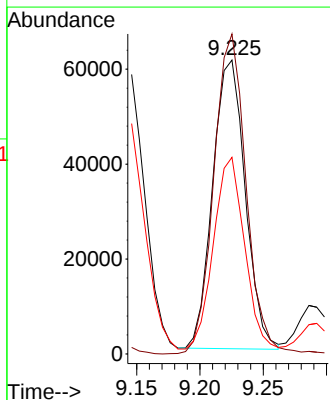
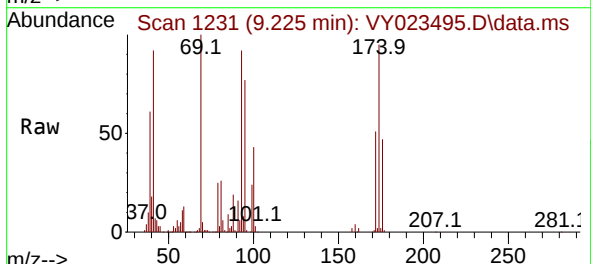
Manual Integrations
APPROVED

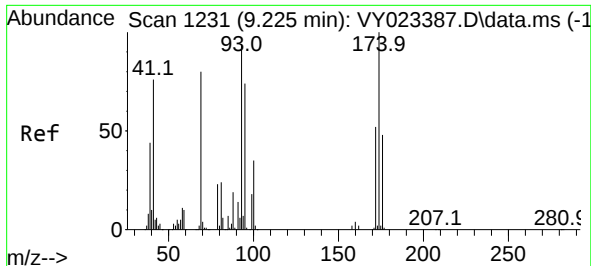
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 47.982 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Tgt Ion: 41 Resp: 108810
Ion Ratio Lower Upper
41 100
69 110.3 81.0 121.4
39 63.6 48.2 72.4





#49

1,4-Dioxane

Concen: 1008.798 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

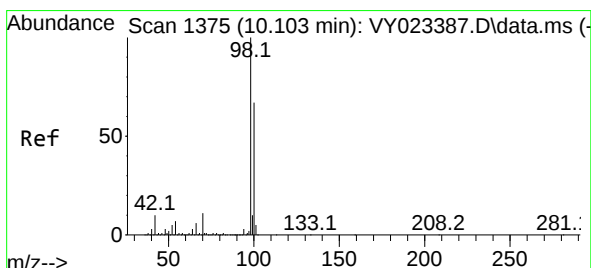
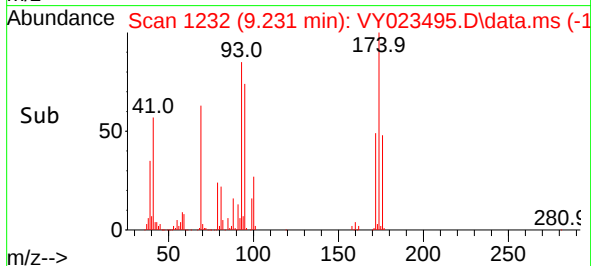
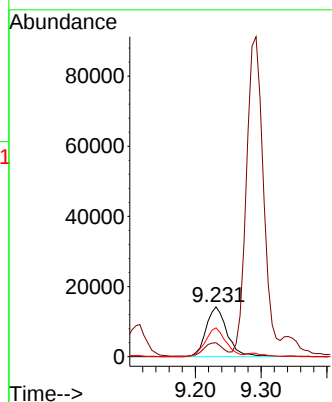
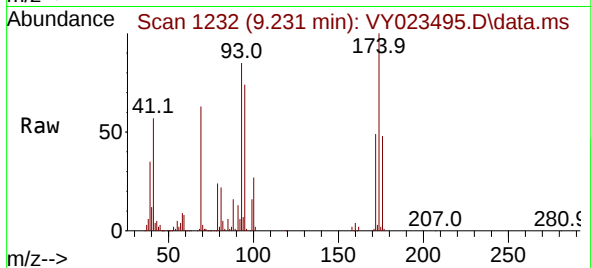
Tgt Ion:	88	Resp:	3161
Ion Ratio	Lower	Upper	
88	100		
43	23.6	21.8	32.8
58	56.2	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 50.825 ug/l

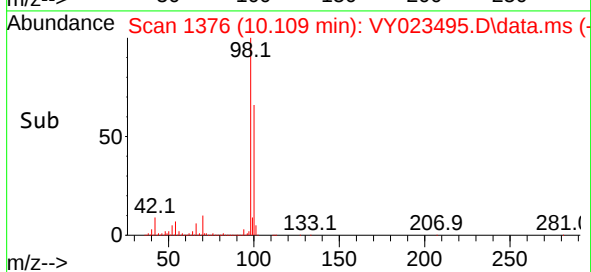
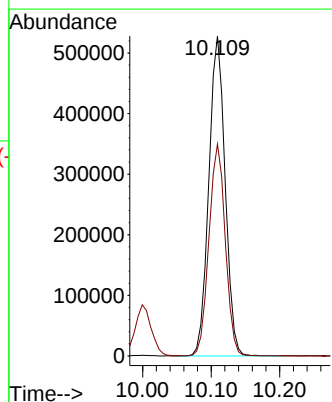
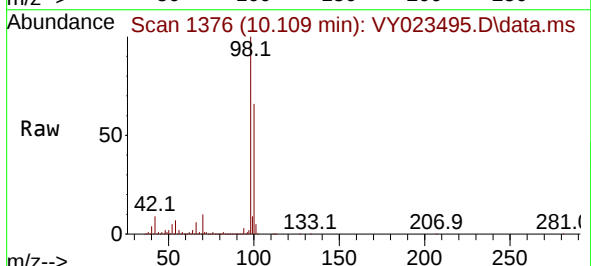
RT: 10.109 min Scan# 1376

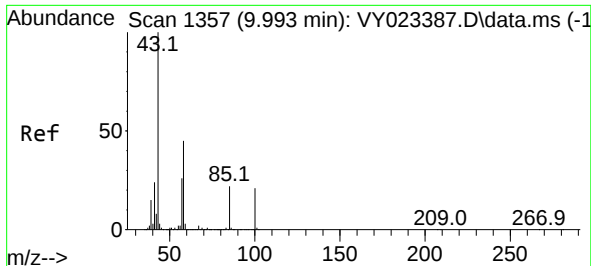
Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Tgt Ion:	98	Resp:	873624
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.0	79.4





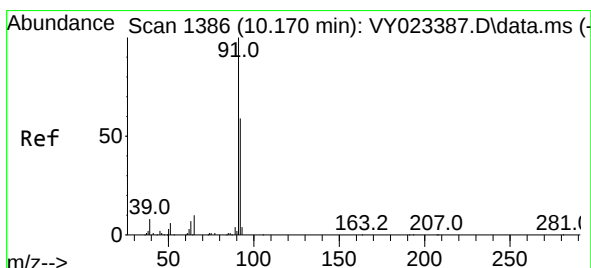
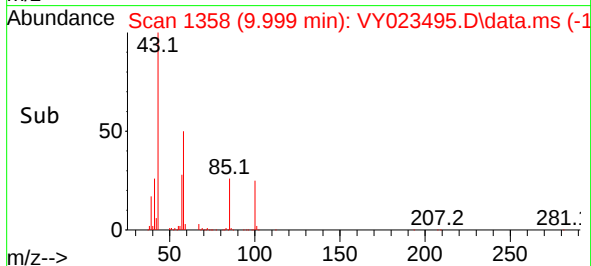
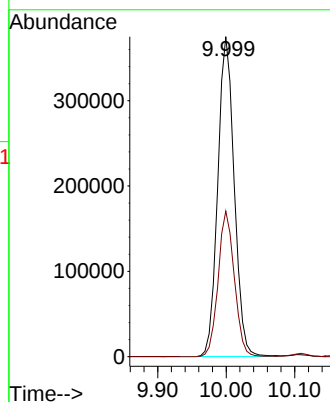
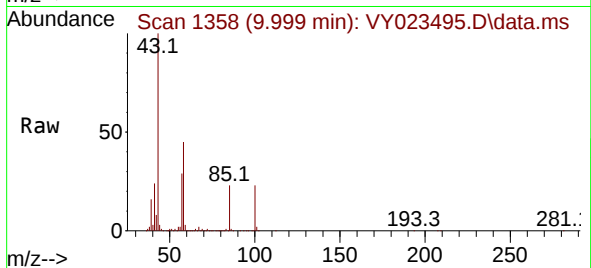
#51
4-Methyl-2-Pentanone
Concen: 250.488 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 624720
Ion Ratio Lower Upper
43 100
58 44.8 35.3 52.9

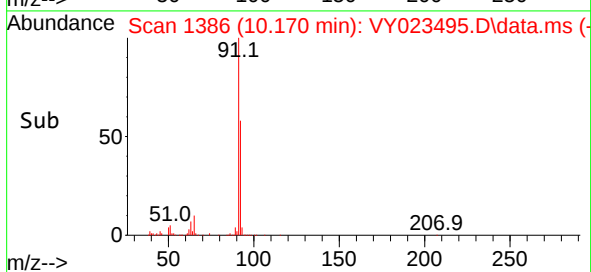
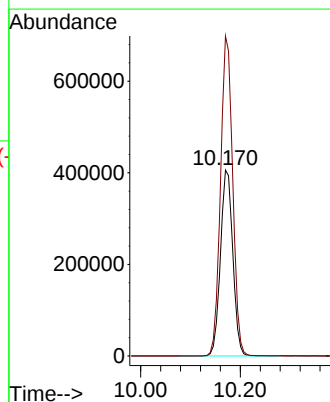
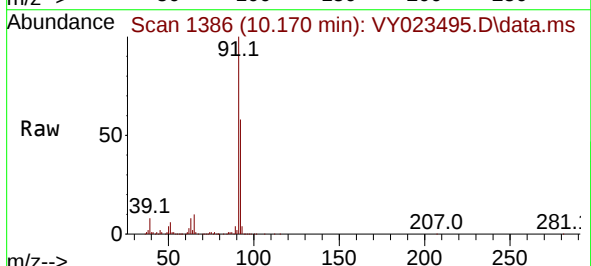
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 55.484 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

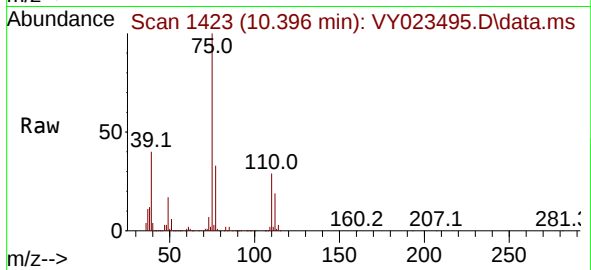
Tgt Ion: 92 Resp: 697136
Ion Ratio Lower Upper
92 100
91 169.6 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 52.623 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

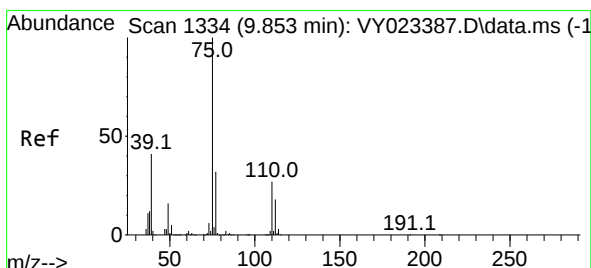
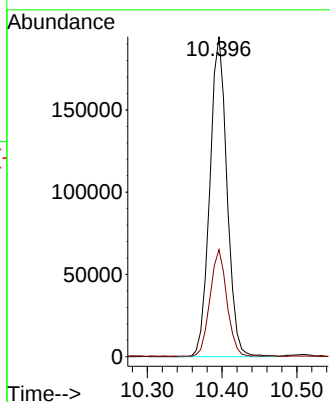
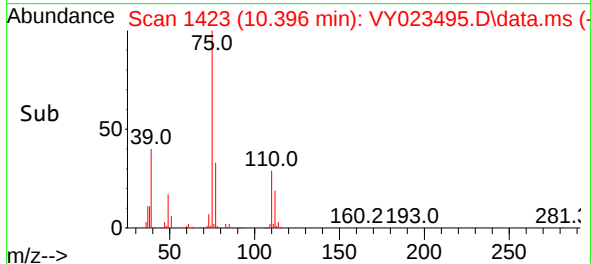
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 311462
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7

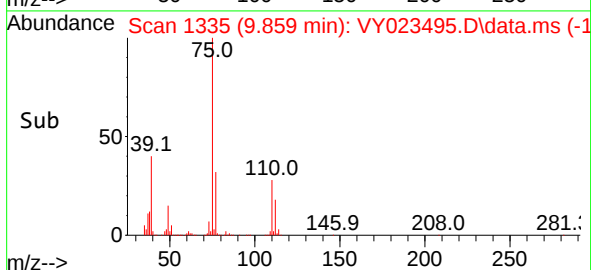
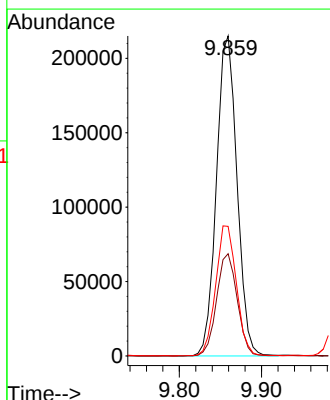
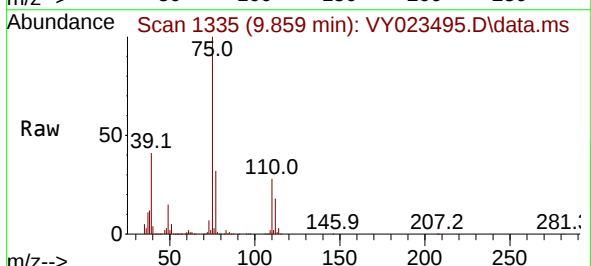
Manual Integrations
APPROVED

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



#54
cis-1,3-Dichloropropene
Concen: 53.527 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

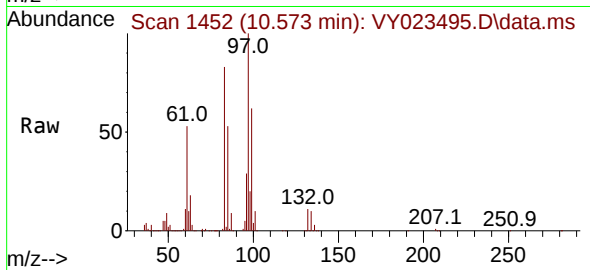
Tgt Ion: 75 Resp: 373914
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 40.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 54.709 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

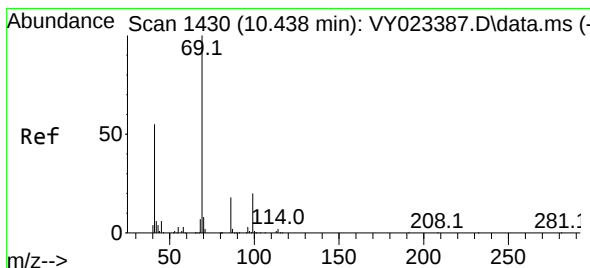
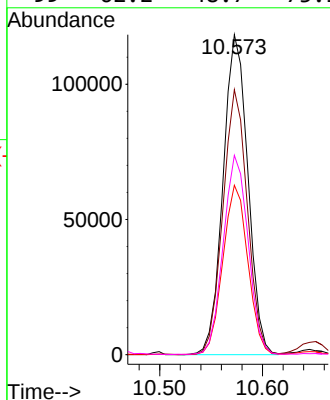
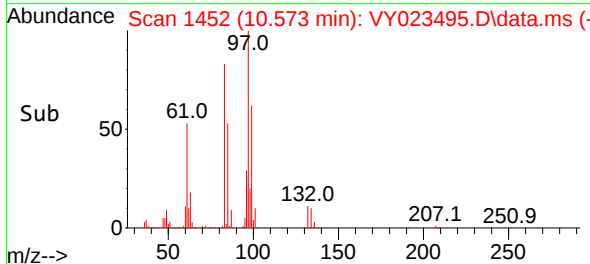
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



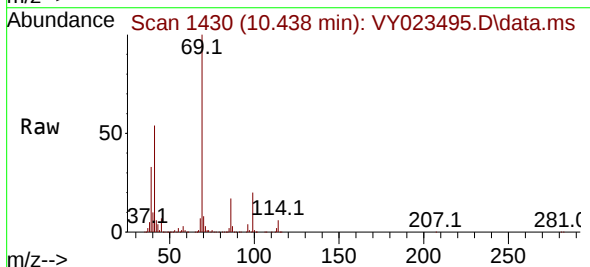
Tgt Ion: 97 Resp: 198839
Ion Ratio Lower Upper
97 100
83 82.8 61.8 92.6
85 52.9 41.3 61.9
99 62.2 48.7 73.1

Manual Integrations
APPROVED

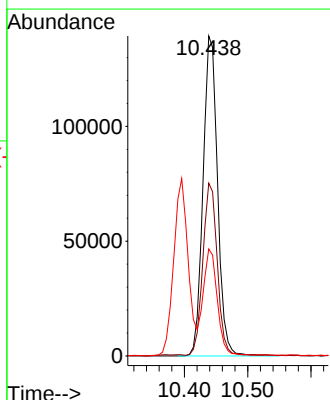
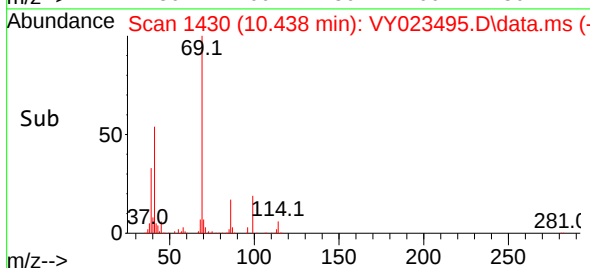
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

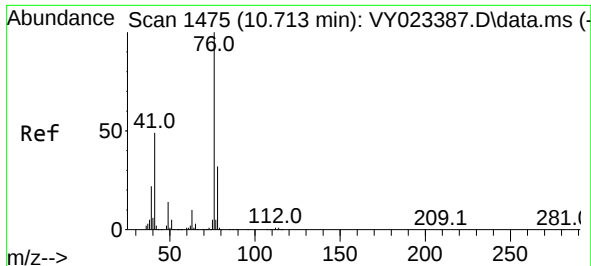


#56
Ethyl methacrylate
Concen: 53.185 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 69 Resp: 222978
Ion Ratio Lower Upper
69 100
41 53.4 44.6 67.0
39 31.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 53.368 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023495.D

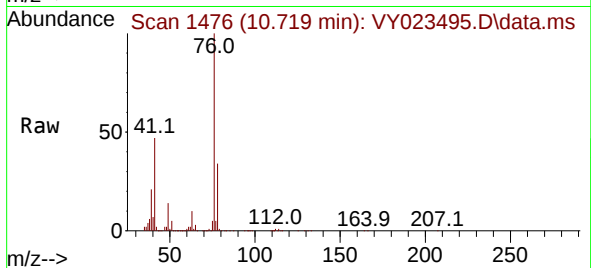
Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 307360

Ion Ratio Lower Upper

76 100

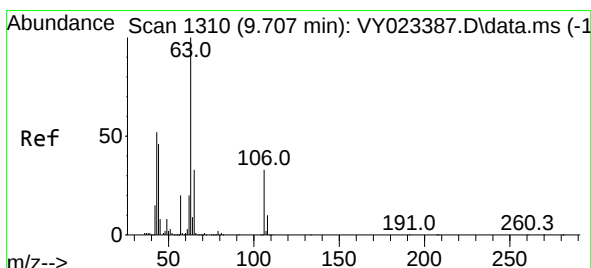
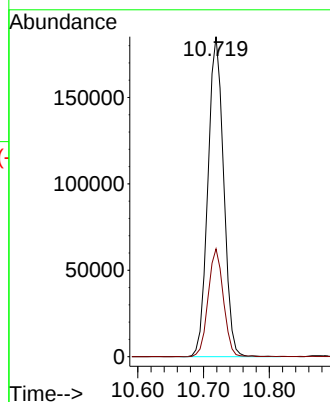
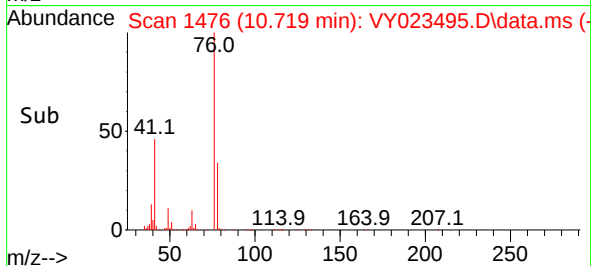
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 254.520 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023495.D

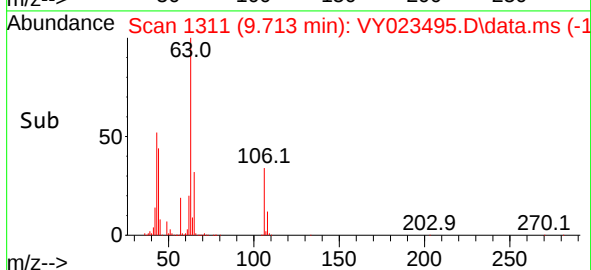
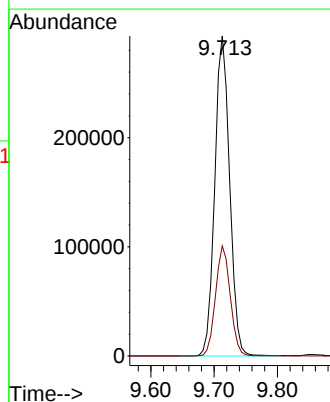
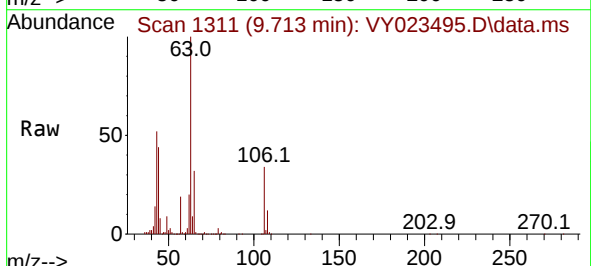
Acq: 20 Oct 2025 09:10

Tgt Ion: 63 Resp: 478017

Ion Ratio Lower Upper

63 100

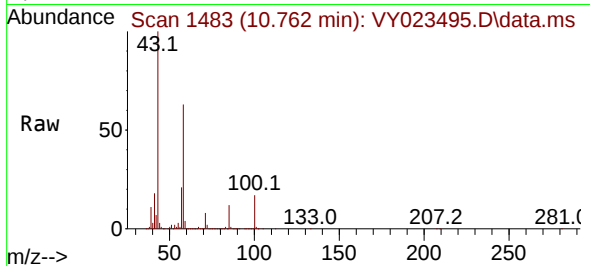
106 34.0 26.6 39.8





#59
2-Hexanone
Concen: 252.586 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

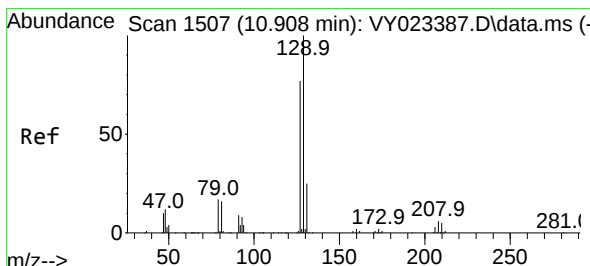
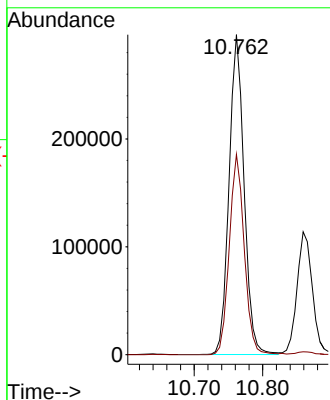
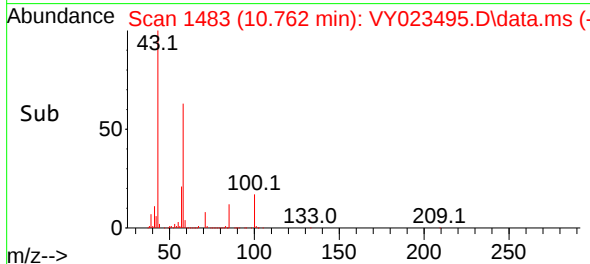
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



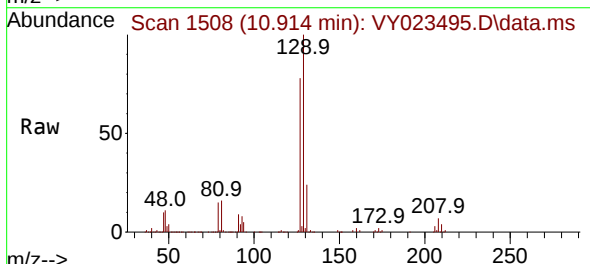
Tgt Ion: 43 Resp: 450192
Ion Ratio Lower Upper
43 100
58 62.5 30.5 91.5

Manual Integrations
APPROVED

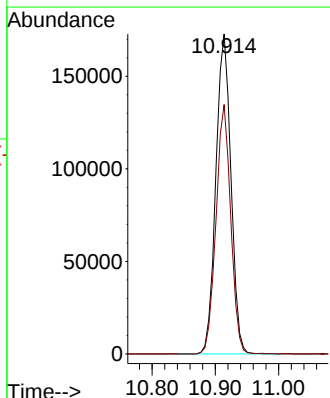
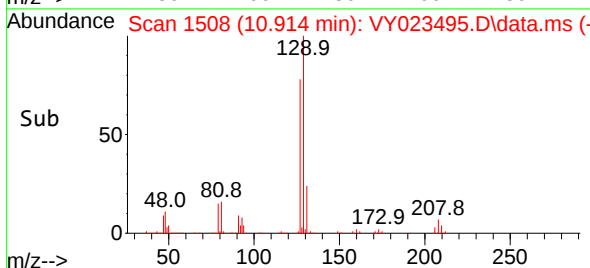
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

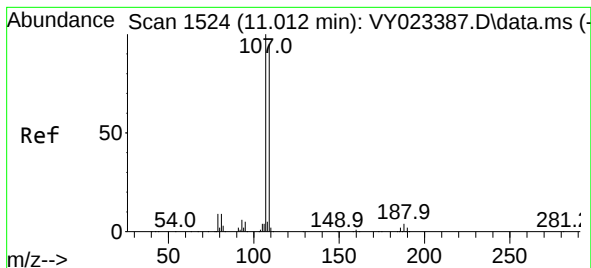


#60
Dibromochloromethane
Concen: 56.001 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



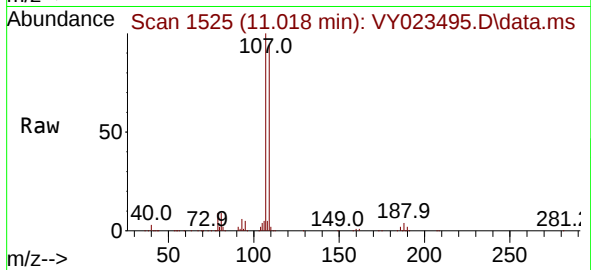
Tgt Ion:129 Resp: 285363
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 53.534 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

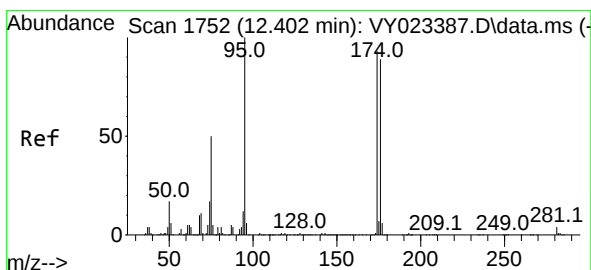
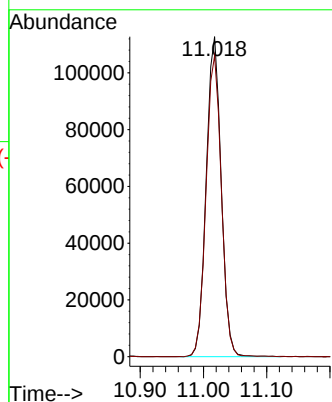
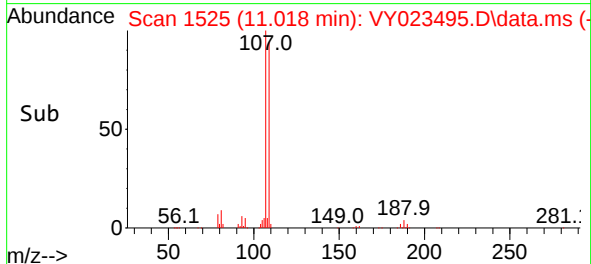
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



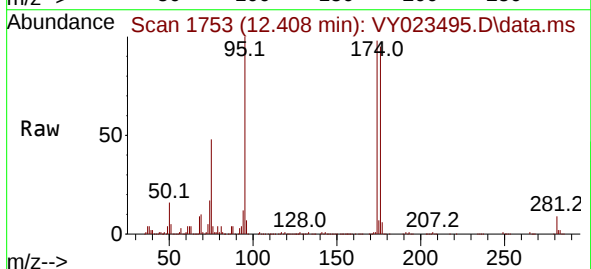
Tgt Ion:107 Resp: 185560
Ion Ratio Lower Upper
107 100
109 96.2 76.1 114.1

Manual Integrations
APPROVED

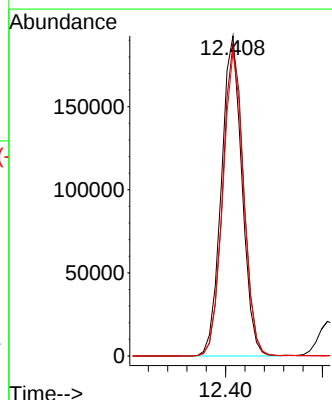
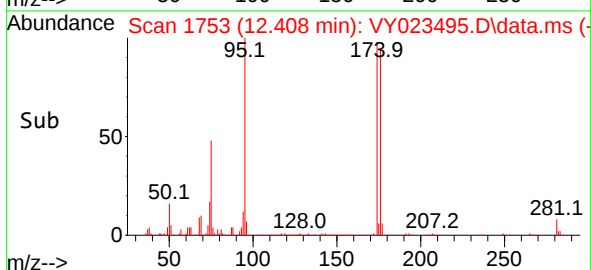
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

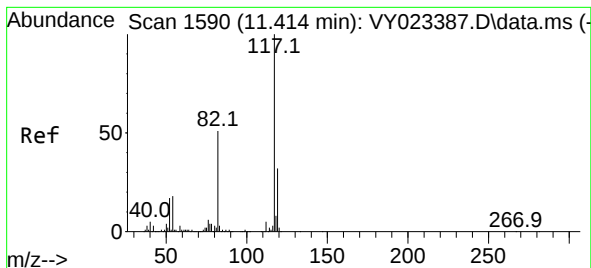


#62
4-Bromofluorobenzene
Concen: 50.104 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



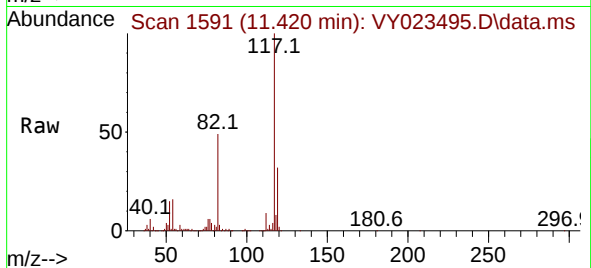
Tgt Ion: 95 Resp: 284330
Ion Ratio Lower Upper
95 100
174 98.6 0.0 192.8
176 95.7 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

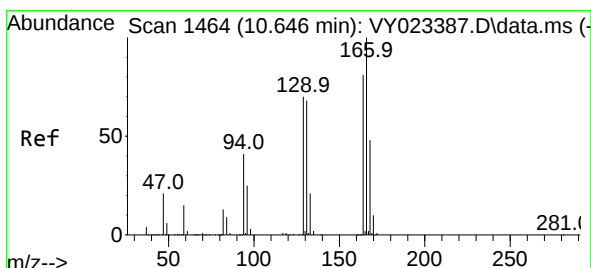
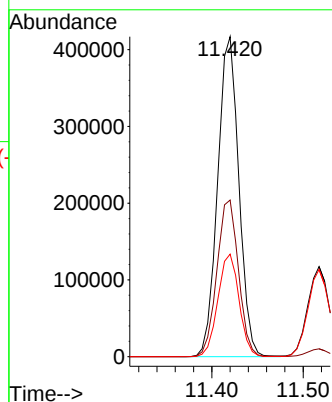
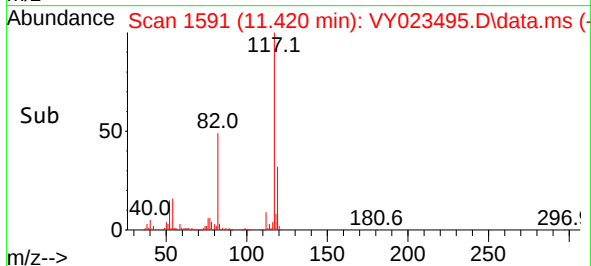
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



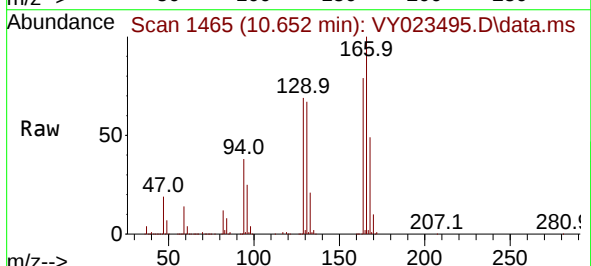
Tgt Ion:117 Resp: 672052
Ion Ratio Lower Upper
117 100
82 48.9 41.0 61.4
119 32.0 25.6 38.4

Manual Integrations
APPROVED

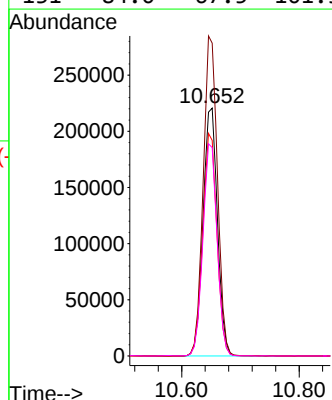
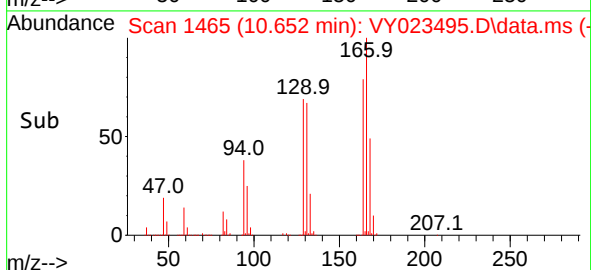
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 54.195 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



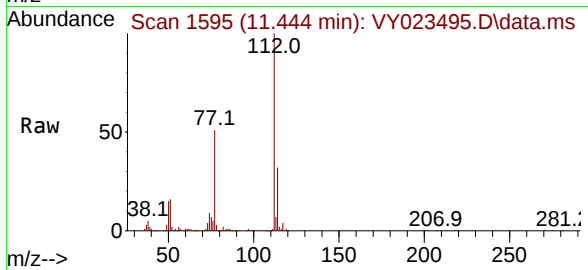
Tgt Ion:164 Resp: 376068
Ion Ratio Lower Upper
164 100
166 126.3 99.4 149.0
129 86.9 69.4 104.2
131 84.0 67.5 101.3





#65
Chlorobenzene
Concen: 53.290 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

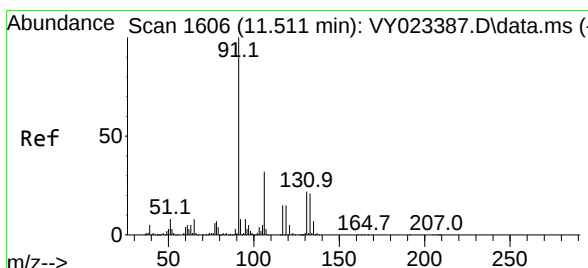
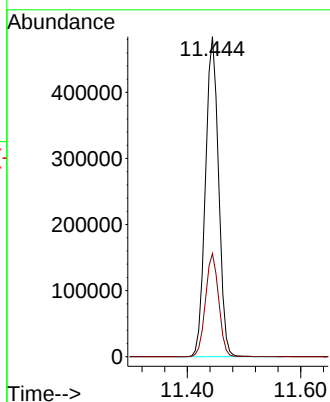
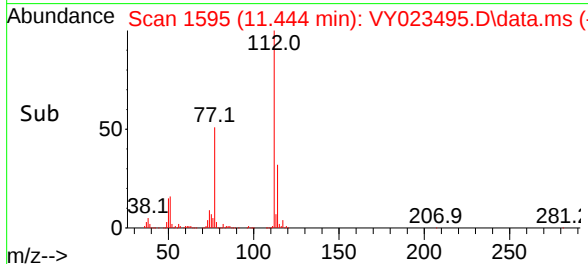
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



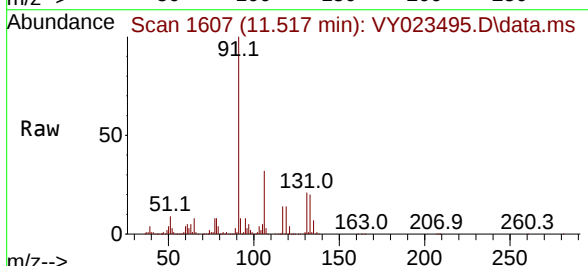
Tgt Ion:112 Resp: 778930
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

Manual Integrations
APPROVED

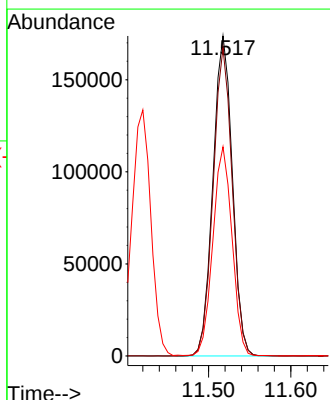
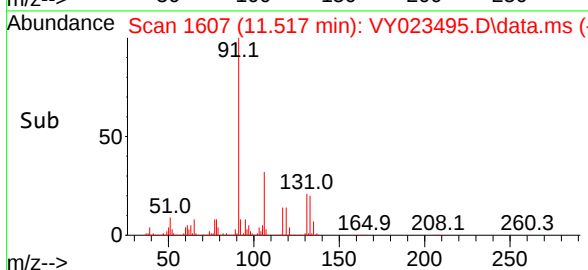
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

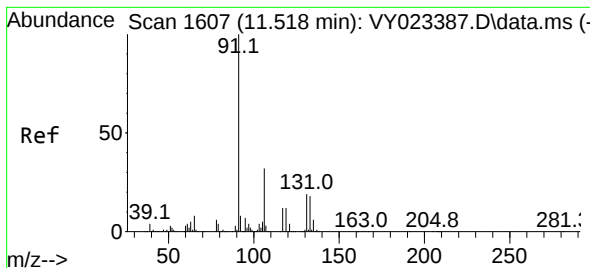


#66
1,1,1,2-Tetrachloroethane
Concen: 54.723 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



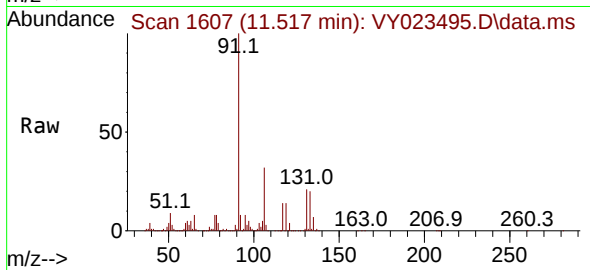
Tgt Ion:131 Resp: 285040
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 64.7 32.4 97.2





#67
Ethyl Benzene
Concen: 54.266 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

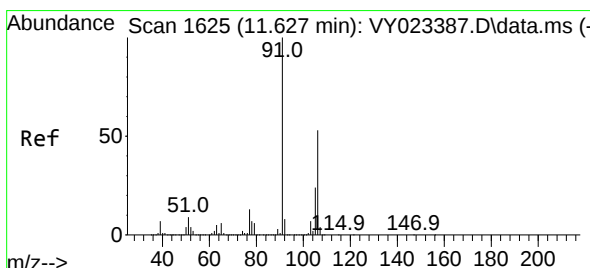
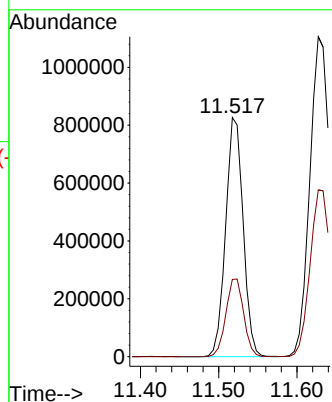
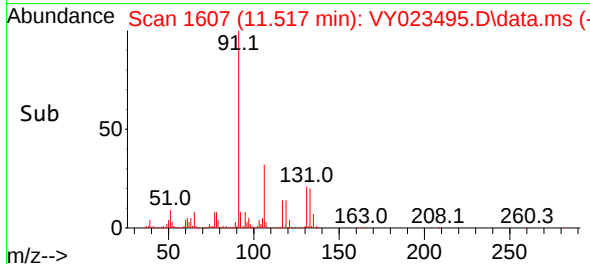
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



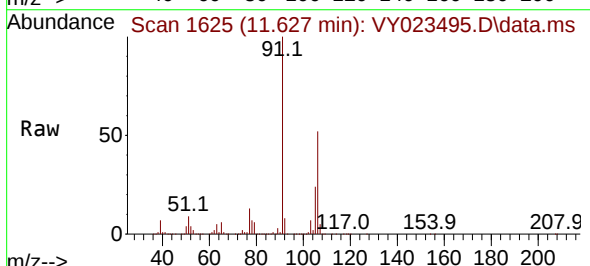
Tgt Ion: 91 Resp: 128394
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

Manual Integrations
APPROVED

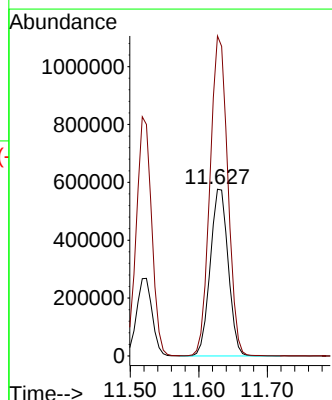
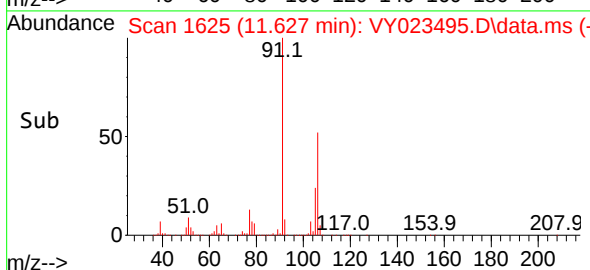
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

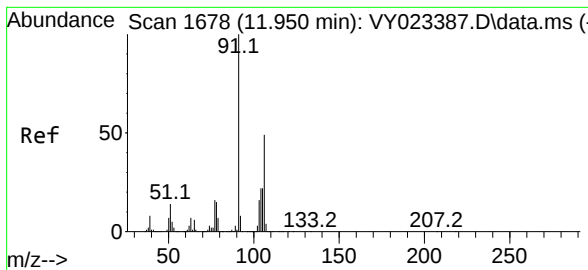


#68
m/p-Xylenes
Concen: 110.619 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



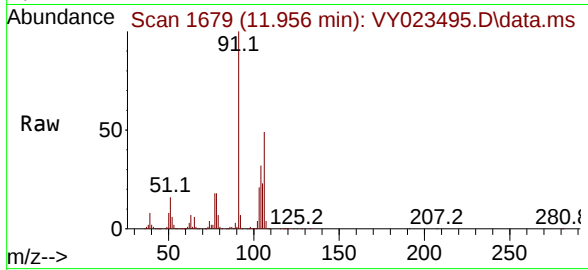
Tgt Ion:106 Resp: 1049774
Ion Ratio Lower Upper
106 100
91 190.1 152.6 229.0





#69
o-Xylene
Concen: 55.176 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

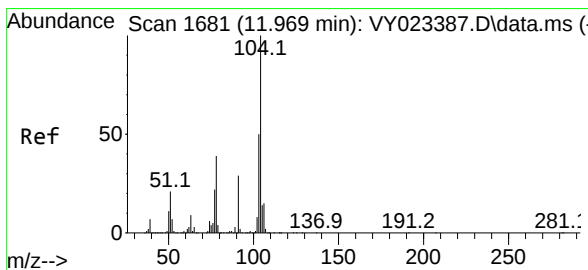
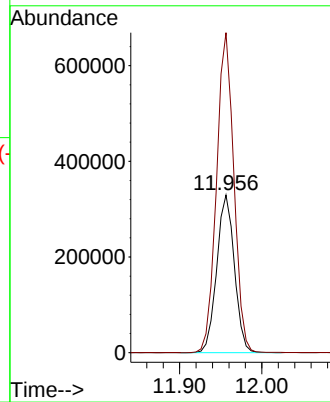
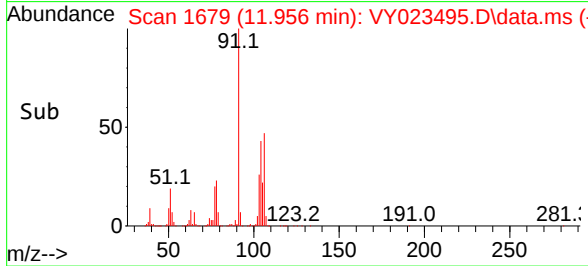
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



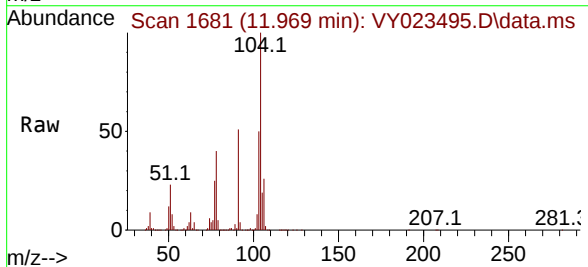
Tgt Ion:106 Resp: 491144
Ion Ratio Lower Upper
106 100
91 199.7 101.4 304.1

Manual Integrations
APPROVED

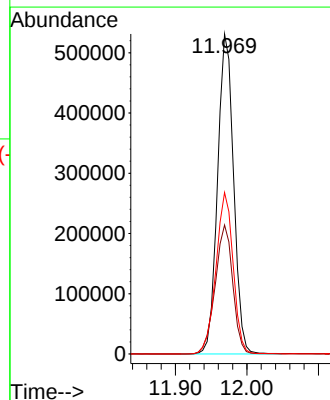
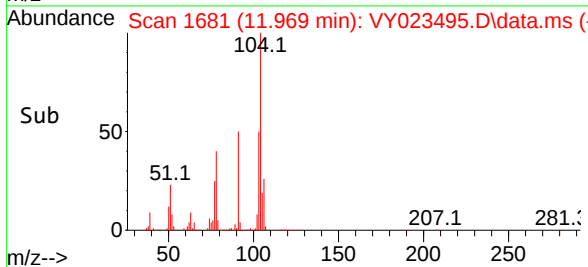
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

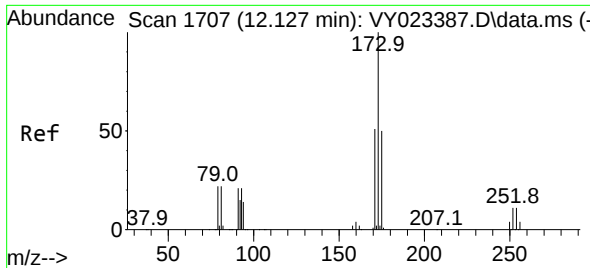


#70
Styrene
Concen: 56.530 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



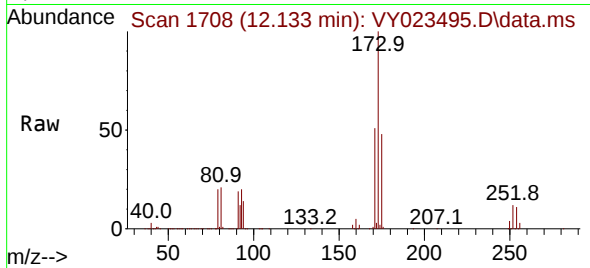
Tgt Ion:104 Resp: 827476
Ion Ratio Lower Upper
104 100
78 44.3 36.1 54.1
103 54.1 43.2 64.8





#71
Bromoform
Concen: 54.399 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

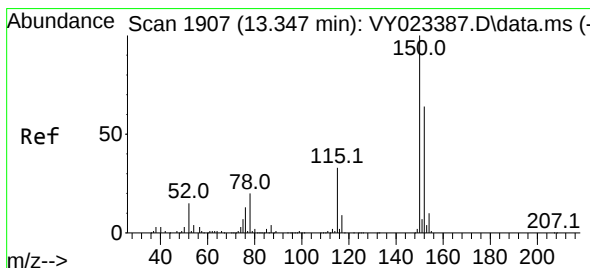
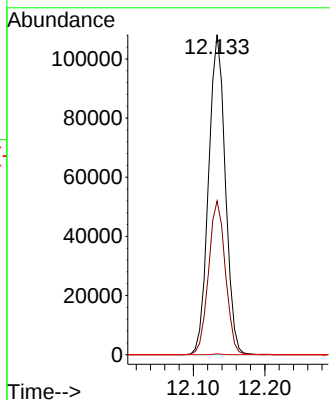
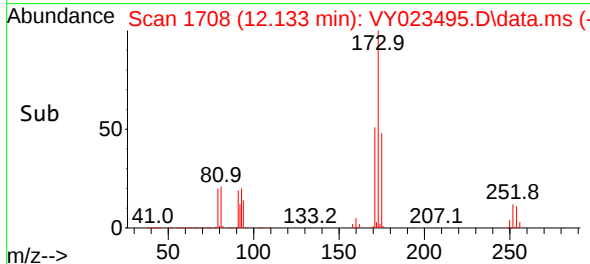
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



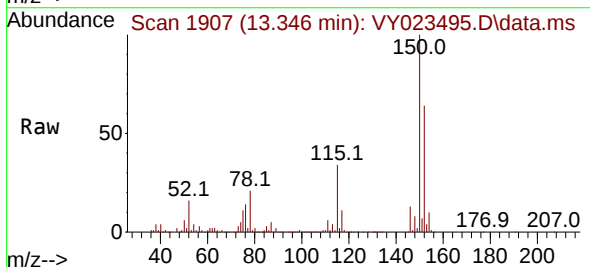
Tgt Ion:173 Resp: 175768
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.3
254 0.2 0.1 0.1

Manual Integrations
APPROVED

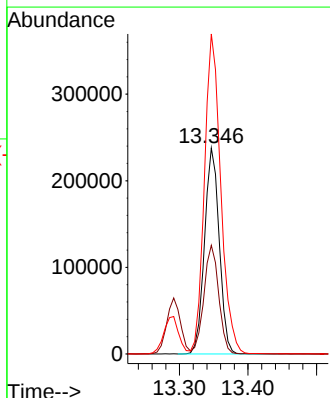
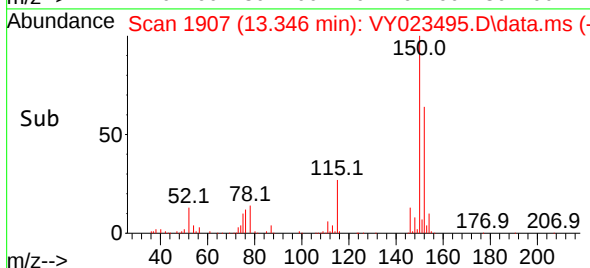
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

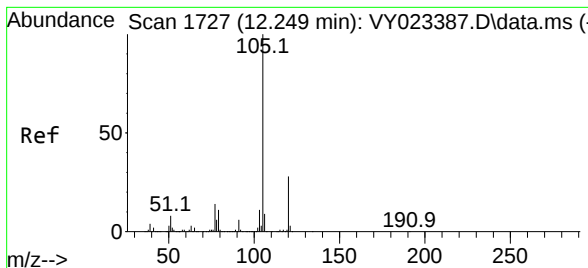


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion:152 Resp: 355668
Ion Ratio Lower Upper
152 100
115 52.9 27.1 81.2
150 172.4 0.0 347.4





#73

Isopropylbenzene

Concen: 53.951 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 126455

Ion Ratio Lower Upper

105 100

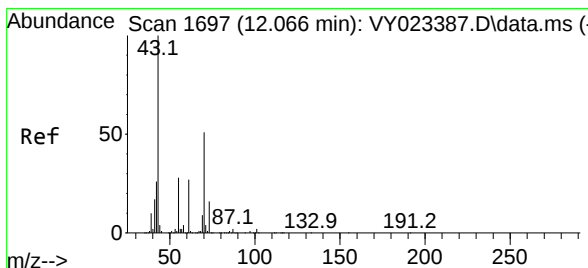
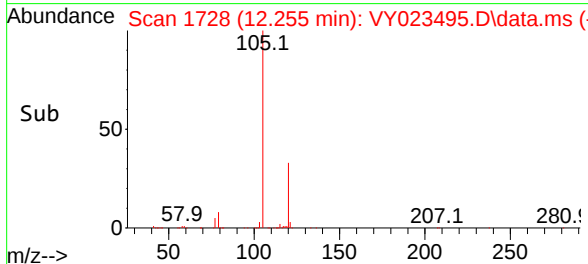
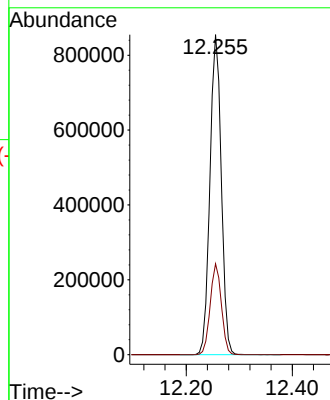
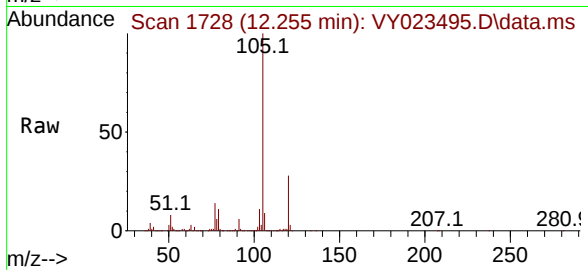
120 28.0 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#74

N-ethyl acetate

Concen: 45.646 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Tgt Ion: 43 Resp: 192168

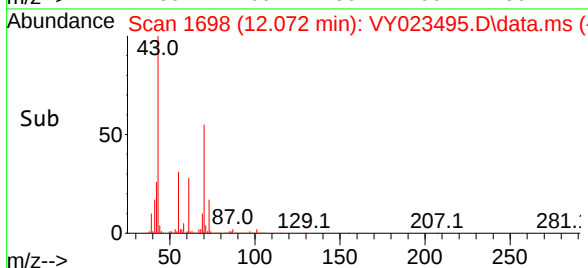
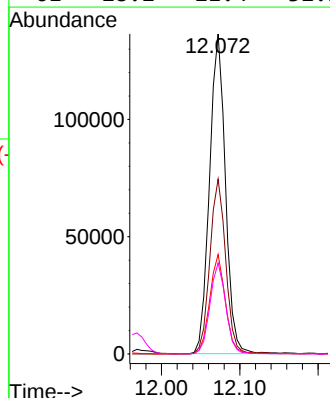
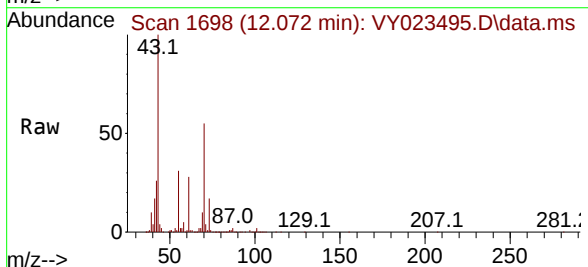
Ion Ratio Lower Upper

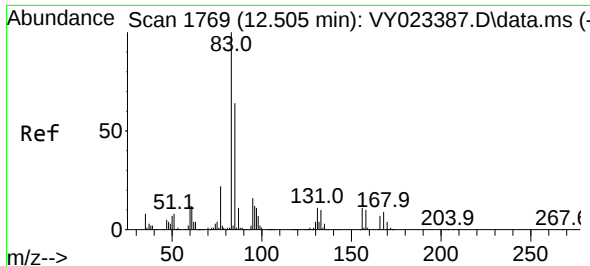
43 100

70 54.4 41.1 61.7

55 31.0 23.0 34.6

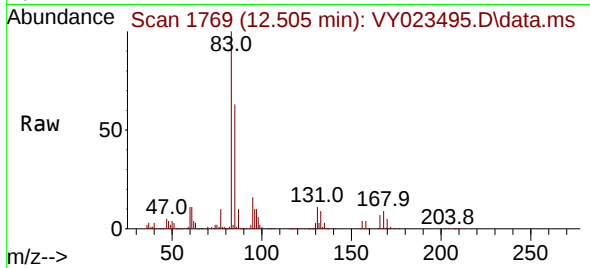
61 28.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.230 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

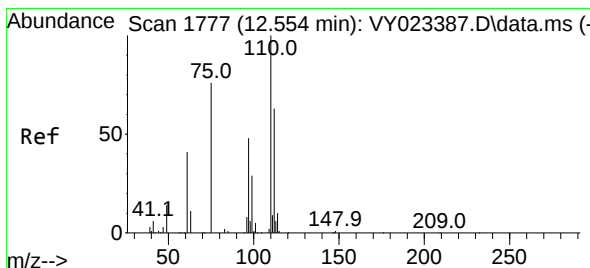
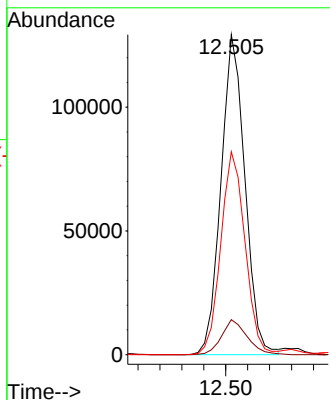
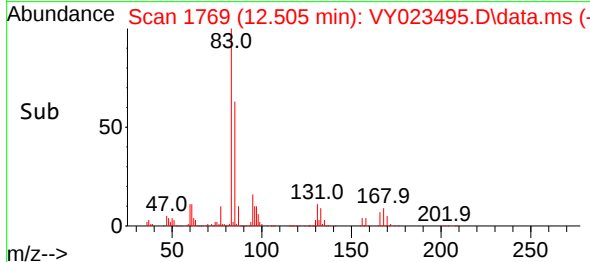
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



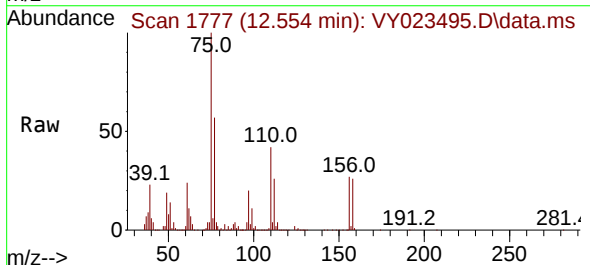
Tgt Ion: 83 Resp: 196397
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.3 31.8 95.3

Manual Integrations
APPROVED

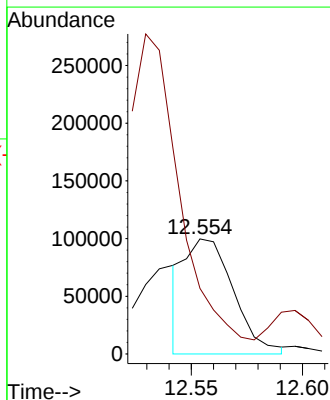
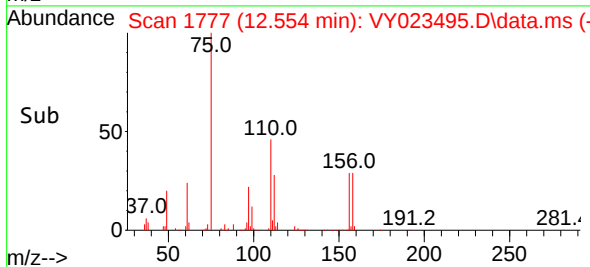
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

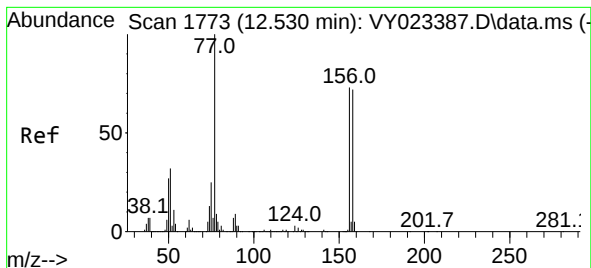


#76
1,2,3-Trichloropropane
Concen: 48.536 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



Tgt Ion: 75 Resp: 152304
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.562 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 32753

Ion Ratio Lower Upper

156 100

77 151.3 76.8 230.5

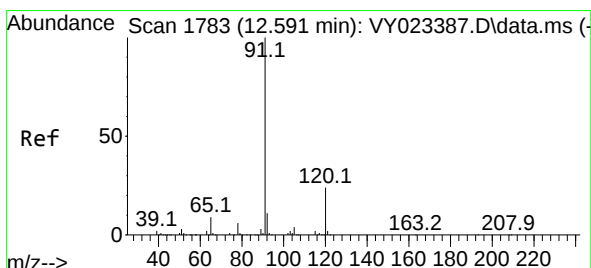
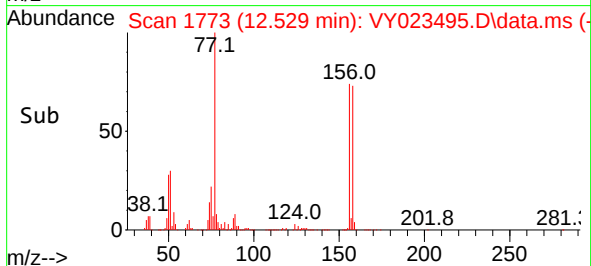
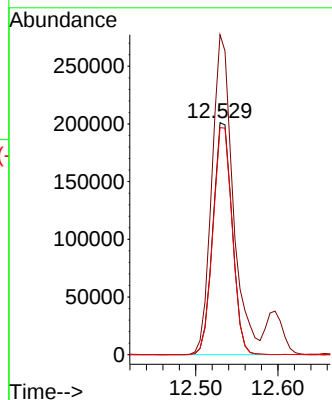
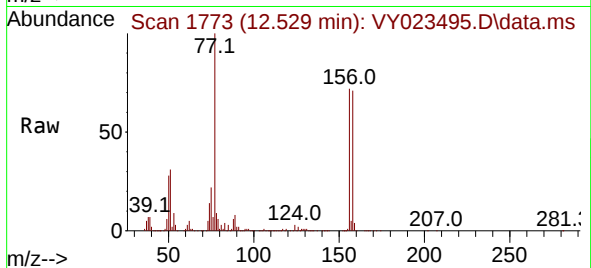
158 98.2 49.0 147.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#78

n-propylbenzene

Concen: 54.623 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023495.D

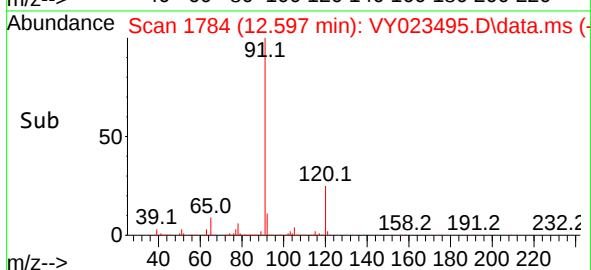
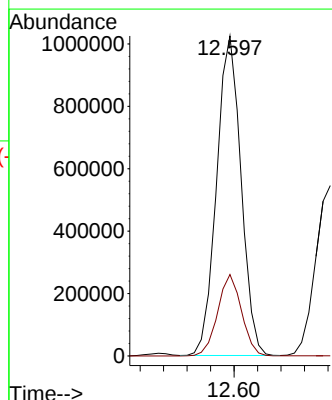
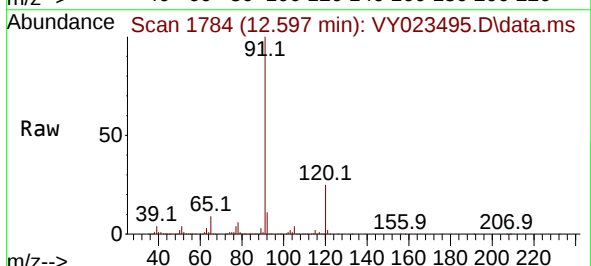
Acq: 20 Oct 2025 09:10

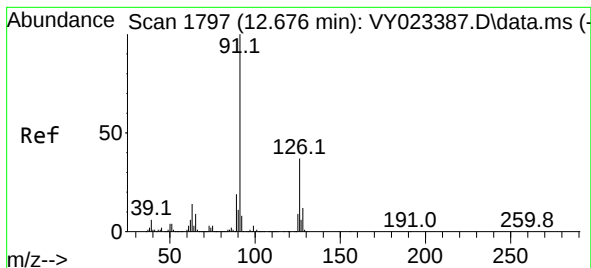
Tgt Ion: 91 Resp: 1481587

Ion Ratio Lower Upper

91 100

120 24.9 12.3 36.8





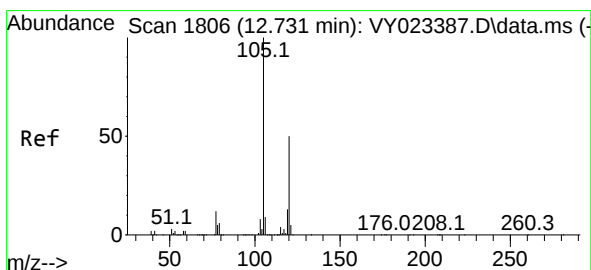
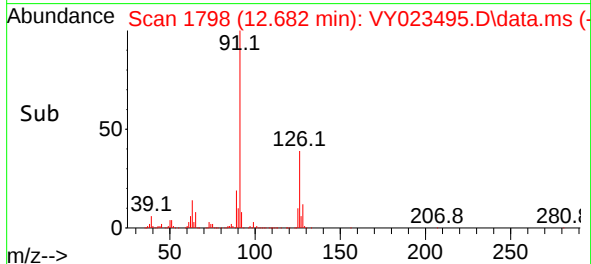
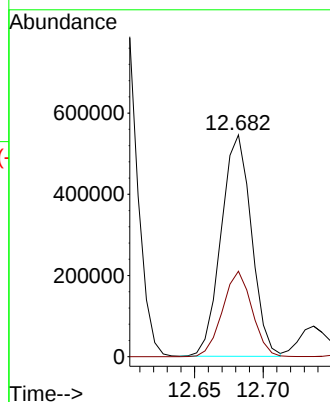
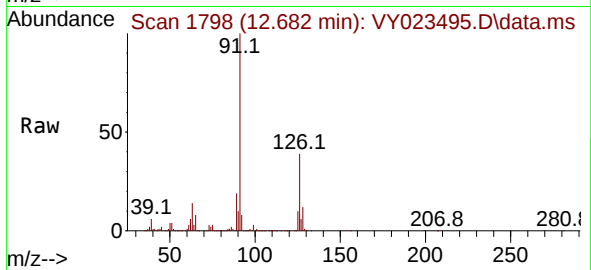
#79
2-Chlorotoluene
Concen: 52.894 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 84014
Ion Ratio Lower Upper
91 100
126 37.6 18.5 55.5

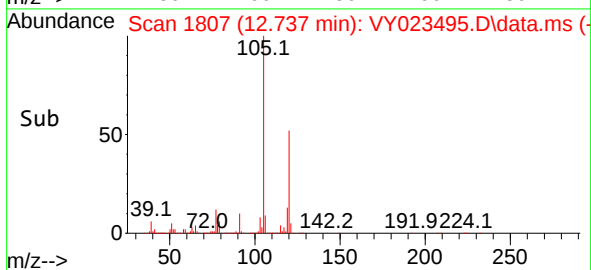
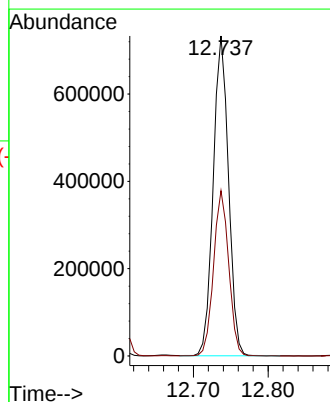
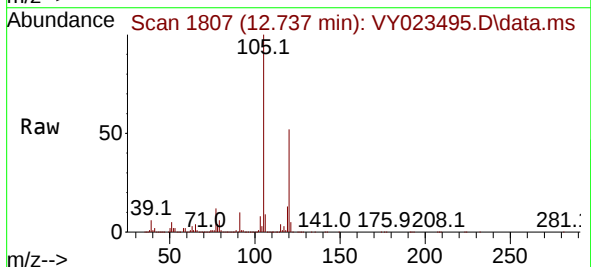
Manual Integrations
APPROVED

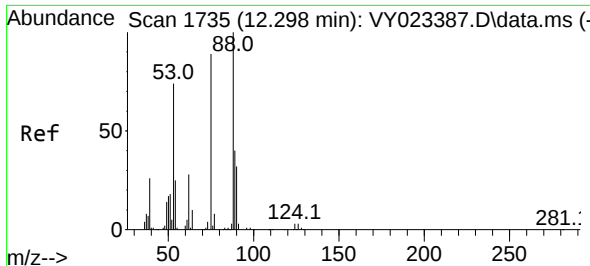
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.006 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

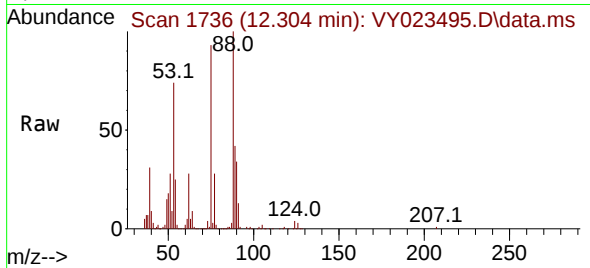
Tgt Ion:105 Resp: 1041828
Ion Ratio Lower Upper
105 100
120 51.1 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.539 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

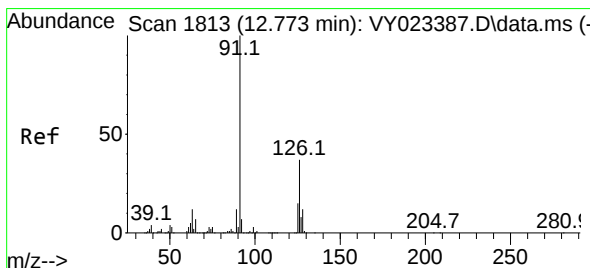
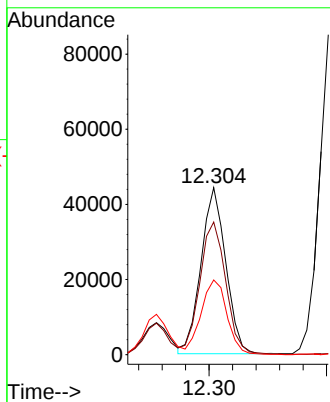
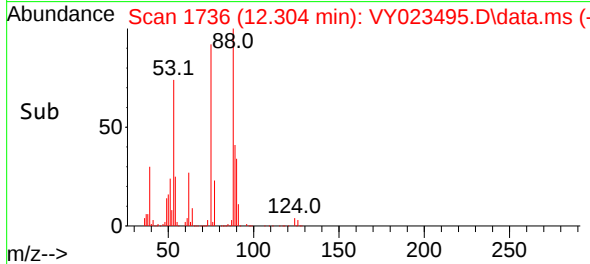
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 64672
Ion Ratio Lower Upper
75 100
53 83.9 68.6 102.8
89 47.1 39.0 58.4

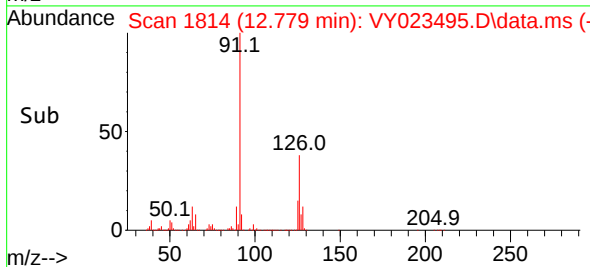
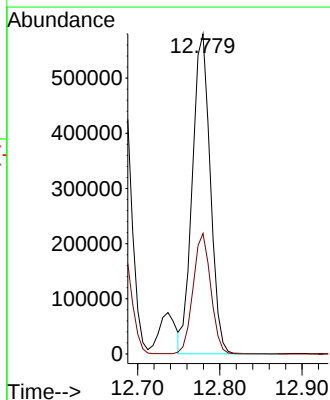
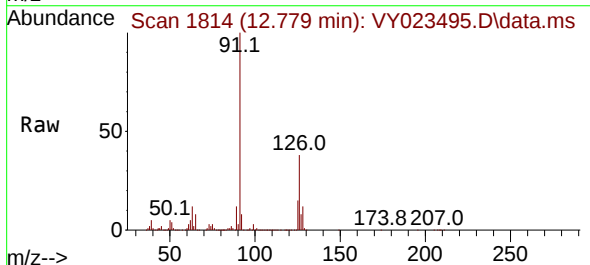
Manual Integrations
APPROVED

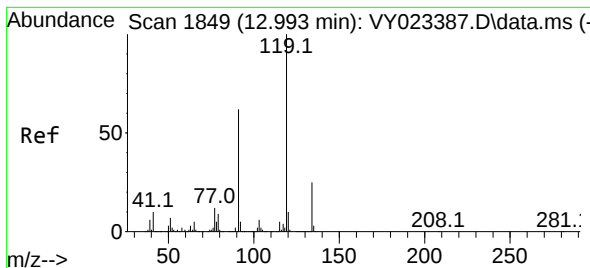
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 53.545 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

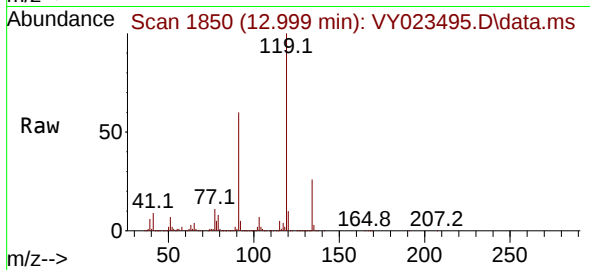
Tgt Ion: 91 Resp: 875903
Ion Ratio Lower Upper
91 100
126 37.4 18.4 55.4





#83
tert-Butylbenzene
Concen: 54.352 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

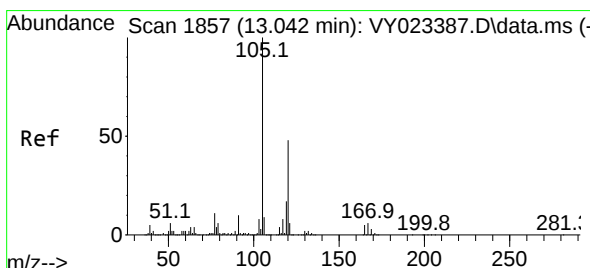
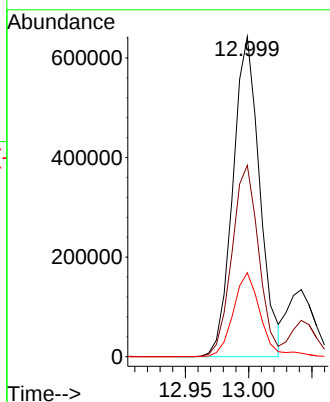
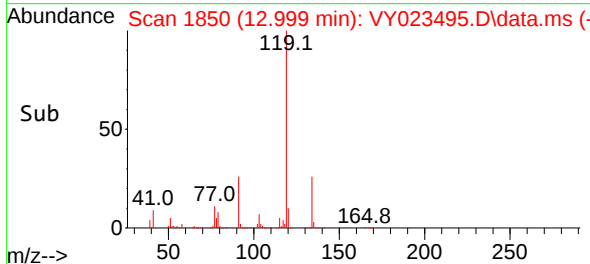
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



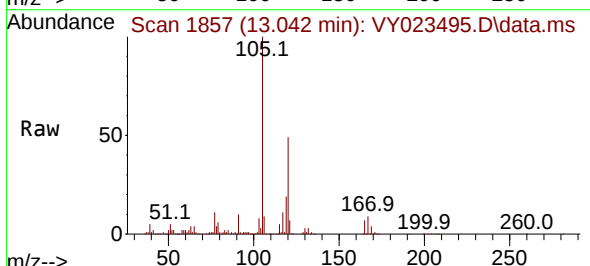
Tgt Ion:119 Resp: 950509
Ion Ratio Lower Upper
119 100
91 59.6 29.9 89.8
134 26.7 12.9 38.7

Manual Integrations
APPROVED

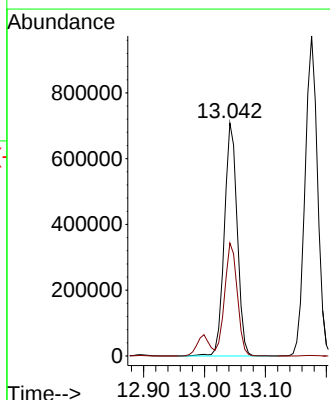
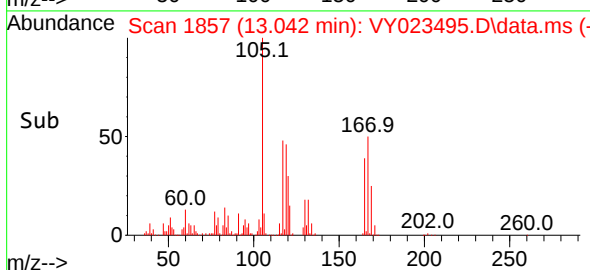
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

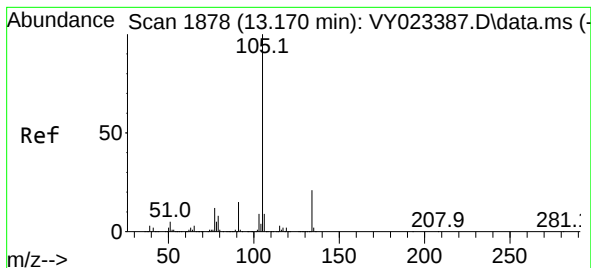


#84
1,2,4-Trimethylbenzene
Concen: 54.758 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10



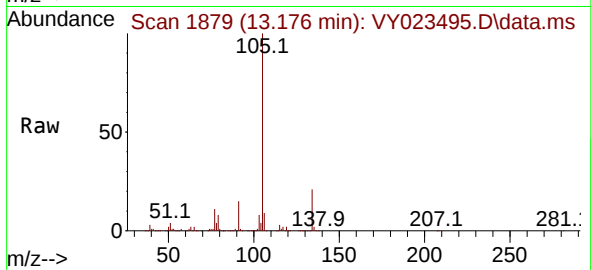
Tgt Ion:105 Resp: 1035061
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2





#85
sec-Butylbenzene
Concen: 54.992 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

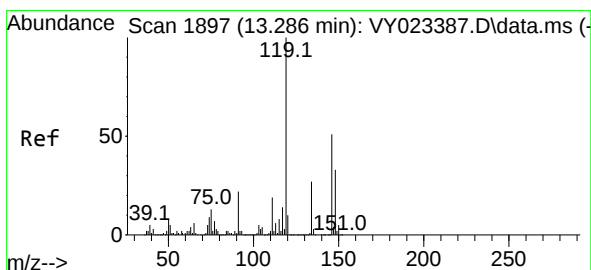
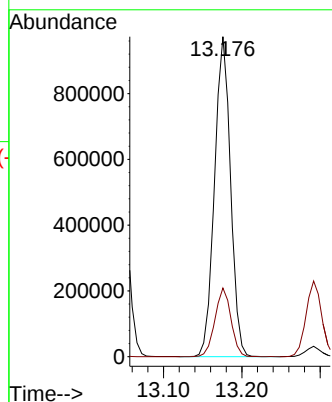
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 137952
Ion Ratio Lower Upper
105 100
134 21.5 10.7 32.1

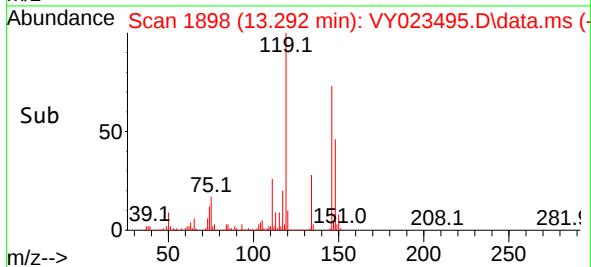
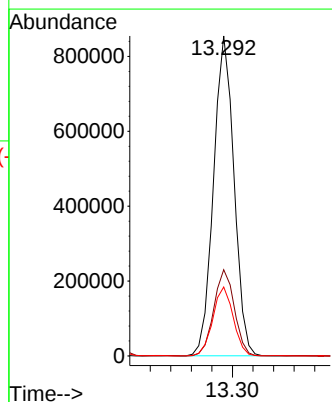
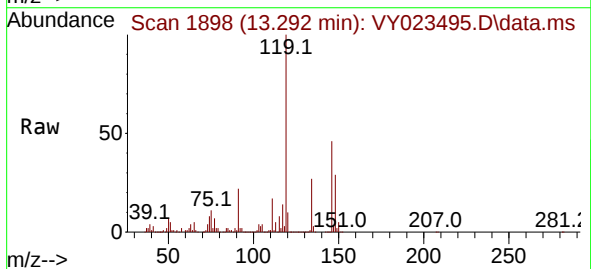
Manual Integrations
APPROVED

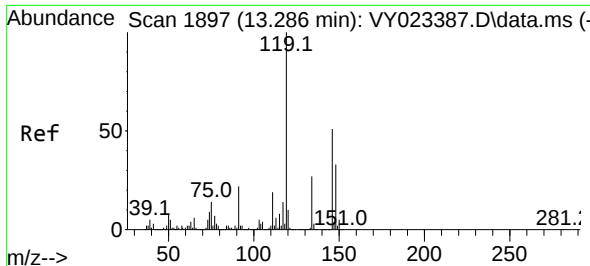
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#86
p-Isopropyltoluene
Concen: 55.154 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023495.D
Acq: 20 Oct 2025 09:10

Tgt Ion:119 Resp: 1178031
Ion Ratio Lower Upper
119 100
134 27.1 13.6 40.7
91 21.5 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 52.476 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 636760

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

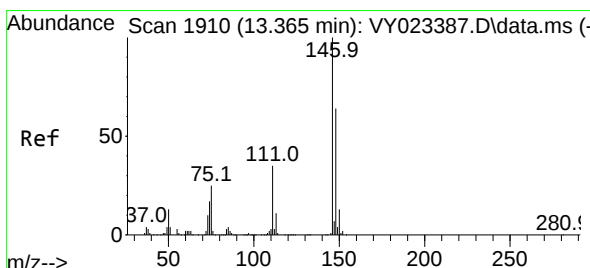
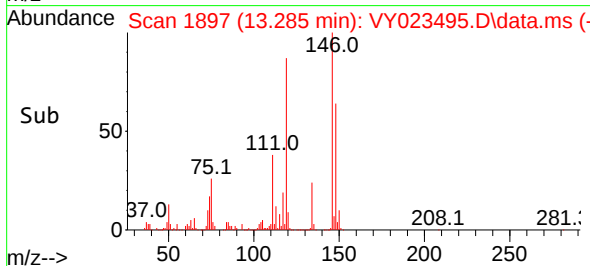
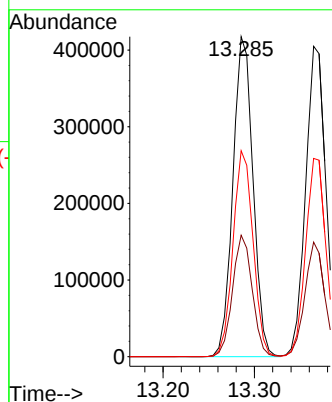
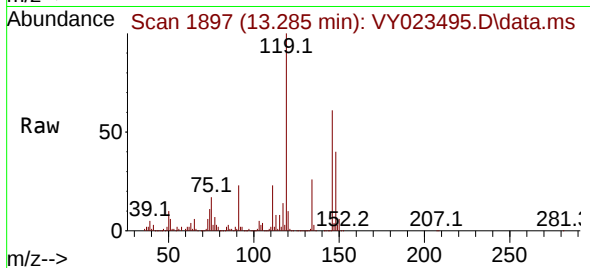
148 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 51.874 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

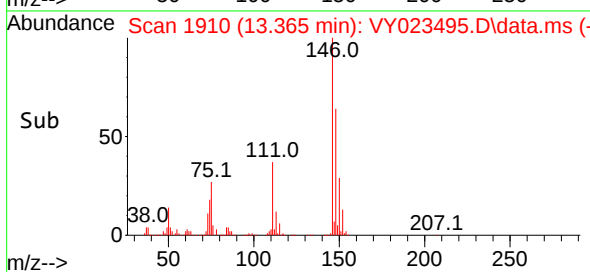
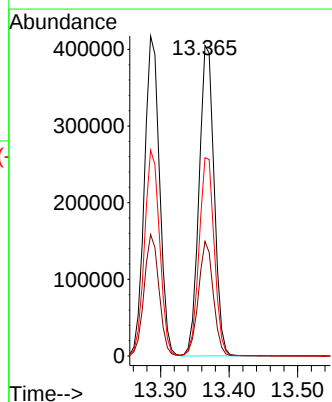
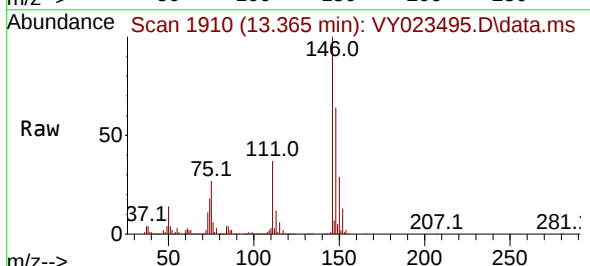
Tgt Ion:146 Resp: 621676

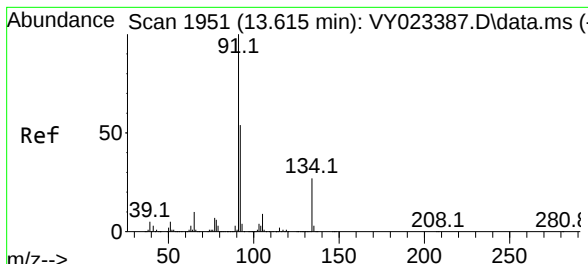
Ion Ratio Lower Upper

146 100

111 36.1 18.0 54.0

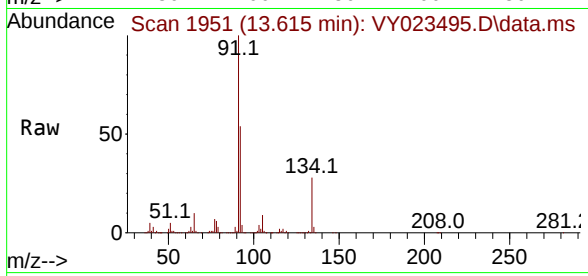
148 64.4 31.9 95.7





#89
 n-Butylbenzene
 Concen: 54.099 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY023495.D
 Acq: 20 Oct 2025 09:10

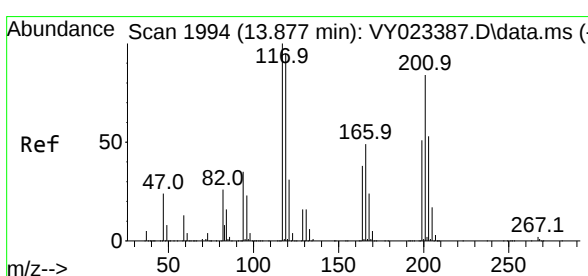
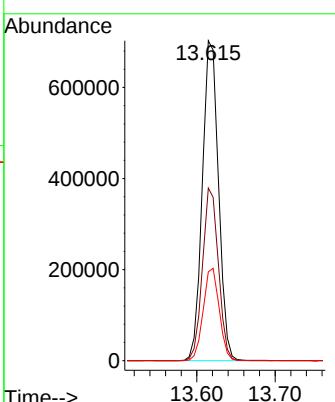
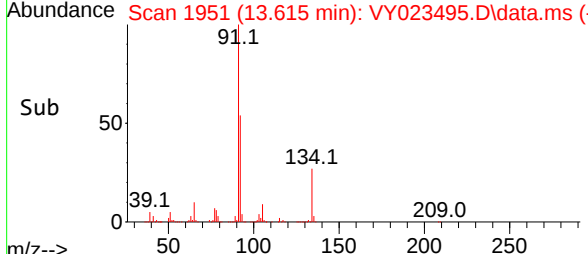
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050



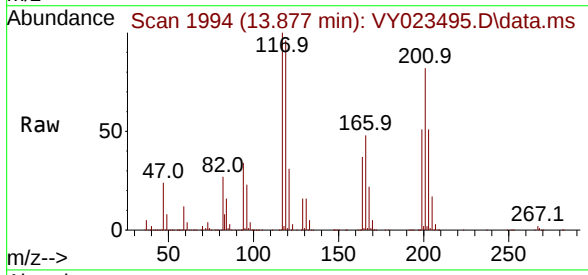
Tgt Ion: 91 Resp: 1006820

Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	28.6	14.1	42.2

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

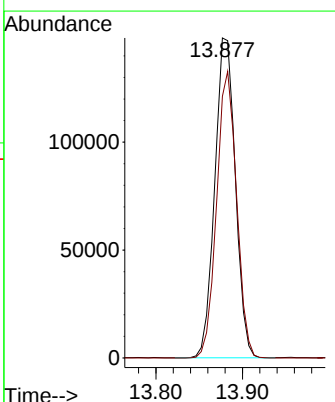
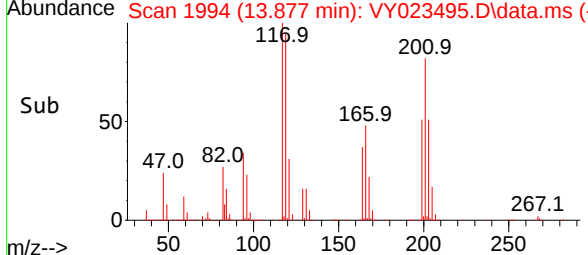


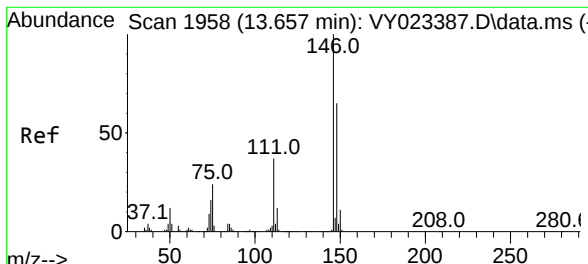
#90
 Hexachloroethane
 Concen: 53.282 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: VY023495.D
 Acq: 20 Oct 2025 09:10



Tgt Ion:117 Resp: 244771

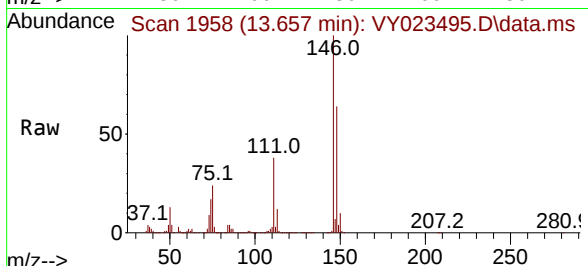
Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.8	131.4





#91
 1,2-Dichlorobenzene
 Concen: 52.725 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023495.D
 Acq: 20 Oct 2025 09:10

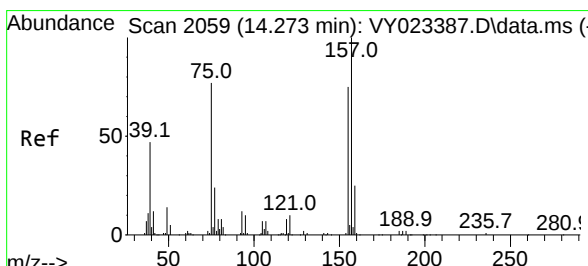
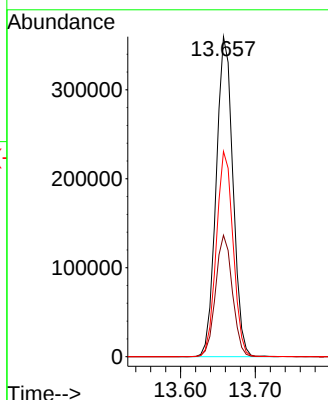
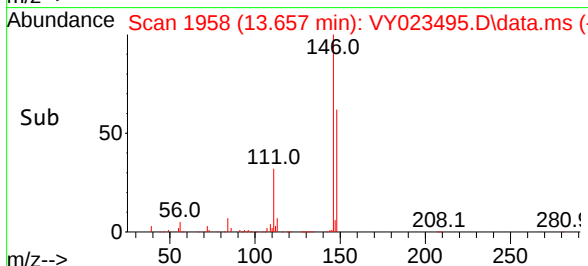
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050



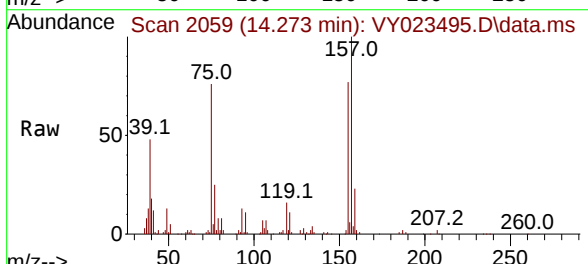
Tgt Ion:146 Resp: 560911
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.0 32.1 96.3

Manual Integrations
 APPROVED

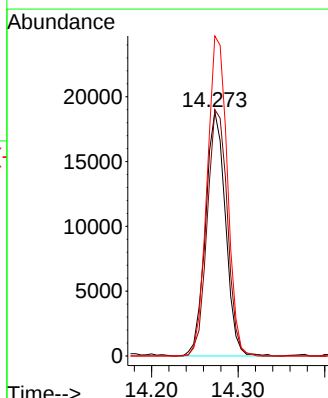
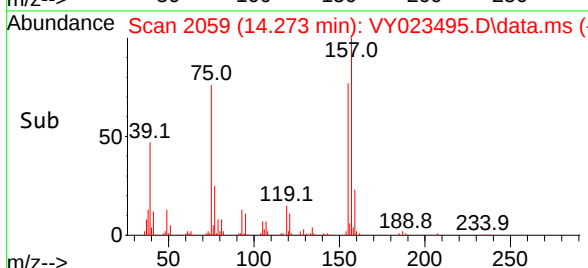
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.998 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023495.D
 Acq: 20 Oct 2025 09:10



Tgt Ion: 75 Resp: 30192
 Ion Ratio Lower Upper
 75 100
 155 101.4 50.0 150.0
 157 131.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 50.889 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023495.D

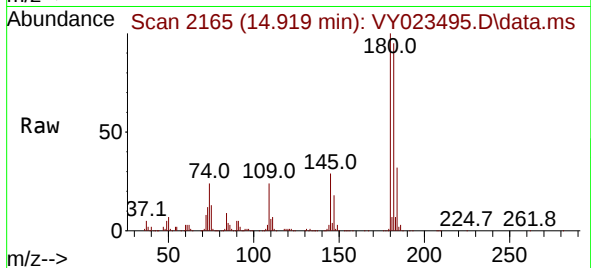
Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 337509

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

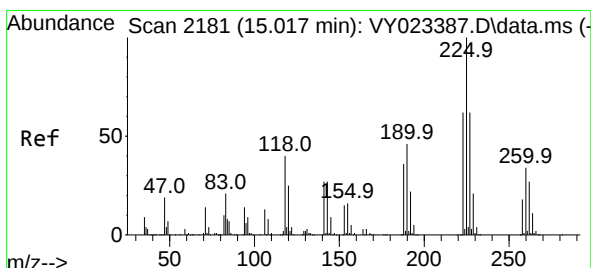
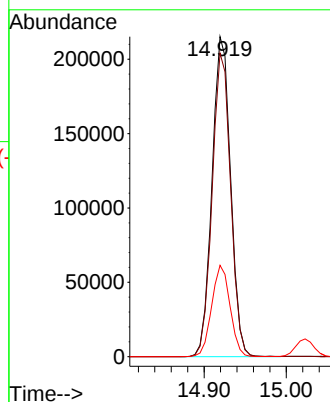
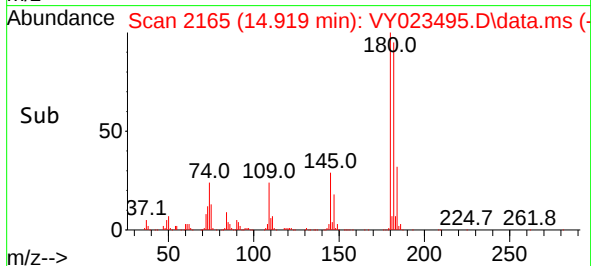
145 28.3 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 52.895 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

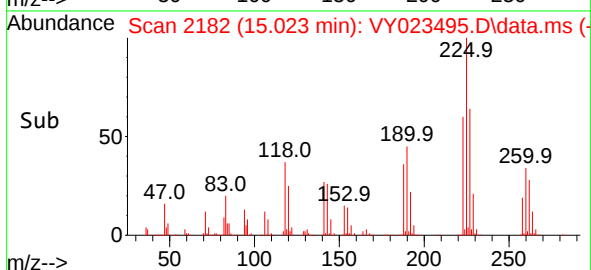
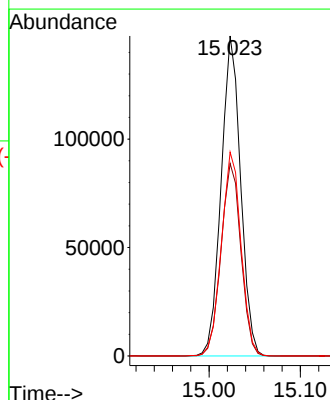
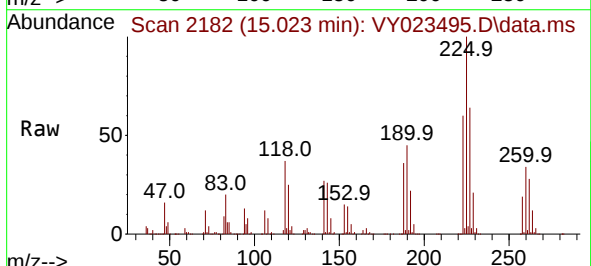
Tgt Ion:225 Resp: 218682

Ion Ratio Lower Upper

225 100

223 61.4 30.8 92.3

227 64.5 31.9 95.7





#95

Naphthalene

Concen: 48.113 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 508120

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

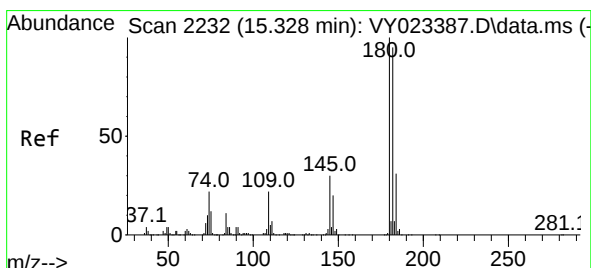
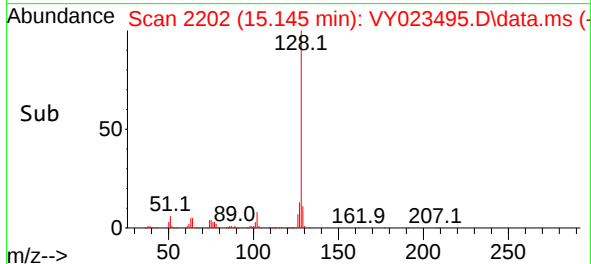
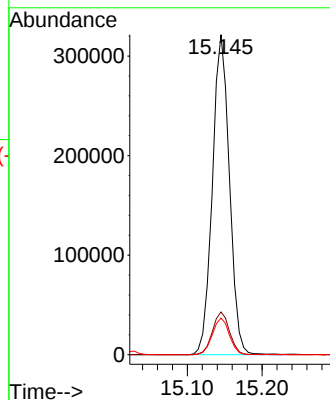
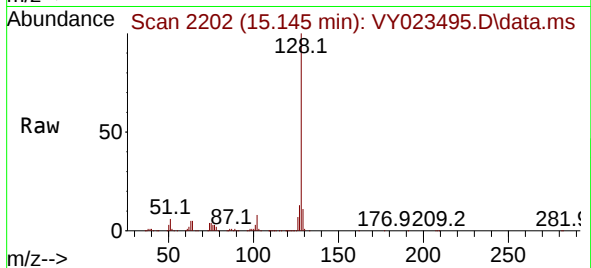
129 11.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.310 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023495.D

Acq: 20 Oct 2025 09:10

Tgt Ion:180 Resp: 289016

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 30.3 15.3 45.9

