

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020845.D
 Acq On : 17 Jan 2025 10:58
 Operator : SY/MD
 Sample : VY0117SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 17 23:22:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	217641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	320405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	265072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	132470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90941	49.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.646	113	98715	49.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.115	98	377611	53.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.414	95	126828	49.081	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	28029	17.548	ug/l	95
3) Chloromethane	2.074	50	16425	19.530	ug/l	96
4) Vinyl Chloride	2.214	62	19024	20.348	ug/l	100
5) Bromomethane	2.604	94	12345	18.539	ug/l	97
6) Chloroethane	2.745	64	11905	20.647	ug/l	96
7) Trichlorofluoromethane	3.068	101	53635	18.692	ug/l	89
8) Diethyl Ether	3.464	74	17348	19.333	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	39389	20.328	ug/l	97
10) Methyl Iodide	4.019	142	37971	18.285	ug/l	97
11) Tert butyl alcohol	4.872	59	16845	120.509	ug/l #	94
12) 1,1-Dichloroethene	3.805	96	32739	19.290	ug/l	97
13) Acrolein	3.671	56	5104	130.022	ug/l	95
14) Allyl chloride	4.397	41	47019	19.202	ug/l	97
15) Acrylonitrile	5.080	53	37852	99.255	ug/l	98
16) Acetone	3.879	43	25135	95.550	ug/l	98
17) Carbon Disulfide	4.122	76	63512	17.250	ug/l	99
18) Methyl Acetate	4.403	43	17499	19.702	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	89155	18.613	ug/l	98
20) Methylene Chloride	4.635	84	35222	19.388	ug/l	96
21) trans-1,2-Dichloroethene	5.134	96	35668	19.084	ug/l	95
22) Diisopropyl ether	6.031	45	109808	21.052	ug/l	99
23) Vinyl Acetate	5.976	43	286996	99.791	ug/l	99
24) 1,1-Dichloroethane	5.933	63	68015	19.764	ug/l	98
25) 2-Butanone	6.902	43	44998	104.134	ug/l	95
26) 2,2-Dichloropropane	6.896	77	68466	19.162	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	44140	18.718	ug/l	96
28) Bromochloromethane	7.262	49	15924	17.148	ug/l	89
29) Tetrahydrofuran	7.280	42	27704	100.364	ug/l	96
30) Chloroform	7.433	83	76172	19.409	ug/l	96
31) Cyclohexane	7.713	56	52667	19.566	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	71478	18.672	ug/l	99
36) 1,1-Dichloropropene	7.847	75	49813	19.456	ug/l	100
37) Ethyl Acetate	6.994	43	21177	20.785	ug/l	97
38) Carbon Tetrachloride	7.829	117	66065	18.537	ug/l	96
39) Methylcyclohexane	9.115	83	61412	19.547	ug/l	98
40) Benzene	8.091	78	153373	19.518	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11869	20.341	ug/l	98
42) 1,2-Dichloroethane	8.170	62	39976	18.629	ug/l	97
43) Isopropyl Acetate	8.207	43	40944	19.757	ug/l	99
44) Trichloroethene	8.872	130	42558	19.428	ug/l	93
45) 1,2-Dichloropropane	9.152	63	36123	20.278	ug/l	99
46) Dibromomethane	9.237	93	19792	19.348	ug/l	97
47) Bromodichloromethane	9.432	83	55885	19.075	ug/l	99
48) Methyl methacrylate	9.225	41	18136	19.521	ug/l	98
49) 1,4-Dioxane	9.237	88	4305	396.370	ug/l	99
51) 4-Methyl-2-Pentanone	10.006	43	106396	102.766	ug/l	98
52) Toluene	10.176	92	103567	19.903	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	50392	19.339	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	58951	19.480	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	29402	20.119	ug/l	97
56) Ethyl methacrylate	10.444	69	36590	19.825	ug/l	97
57) 1,3-Dichloropropane	10.725	76	47913	20.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	68244	93.206	ug/l	99
59) 2-Hexanone	10.768	43	67325	101.361	ug/l	97
60) Dibromochloromethane	10.920	129	40822	19.260	ug/l	99
61) 1,2-Dibromoethane	11.024	107	25919	19.755	ug/l	100
64) Tetrachloroethene	10.652	164	38268	19.636	ug/l	97
65) Chlorobenzene	11.450	112	116118	19.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	43539	19.514	ug/l	98
67) Ethyl Benzene	11.524	91	200662	19.776	ug/l	100
68) m/p-Xylenes	11.633	106	153136	39.199	ug/l	99
69) o-Xylene	11.962	106	72226	19.499	ug/l	99
70) Styrene	11.975	104	122710	19.680	ug/l	99
71) Bromoform	12.139	173	24682	19.460	ug/l #	98
73) Isopropylbenzene	12.261	105	204929	19.500	ug/l	100
74) N-amyl acetate	12.078	43	35024	20.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	31736	19.925	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	24137m	20.824	ug/l	
77) Bromobenzene	12.542	156	47224	19.490	ug/l	99
78) n-propylbenzene	12.603	91	238760	20.016	ug/l	99
79) 2-Chlorotoluene	12.688	91	134655	19.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	165950	19.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10466	19.039	ug/l	98
82) 4-Chlorotoluene	12.786	91	138259	19.504	ug/l	99
83) tert-Butylbenzene	13.005	119	155123	19.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	160495	19.298	ug/l	97
85) sec-Butylbenzene	13.182	105	224187	20.149	ug/l	99
86) p-Isopropyltoluene	13.298	119	189220	19.936	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	92463	19.640	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	90535	19.536	ug/l	98
89) n-Butylbenzene	13.627	91	166069	20.168	ug/l	100
90) Hexachloroethane	13.889	117	36298	19.045	ug/l	98
91) 1,2-Dichlorobenzene	13.669	146	80199	19.483	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4509	17.508	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	47156	19.906	ug/l	99
94) Hexachlorobutadiene	15.035	225	34810	20.844	ug/l	96
95) Naphthalene	15.151	128	74764	19.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	39572	19.939	ug/l	99

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

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

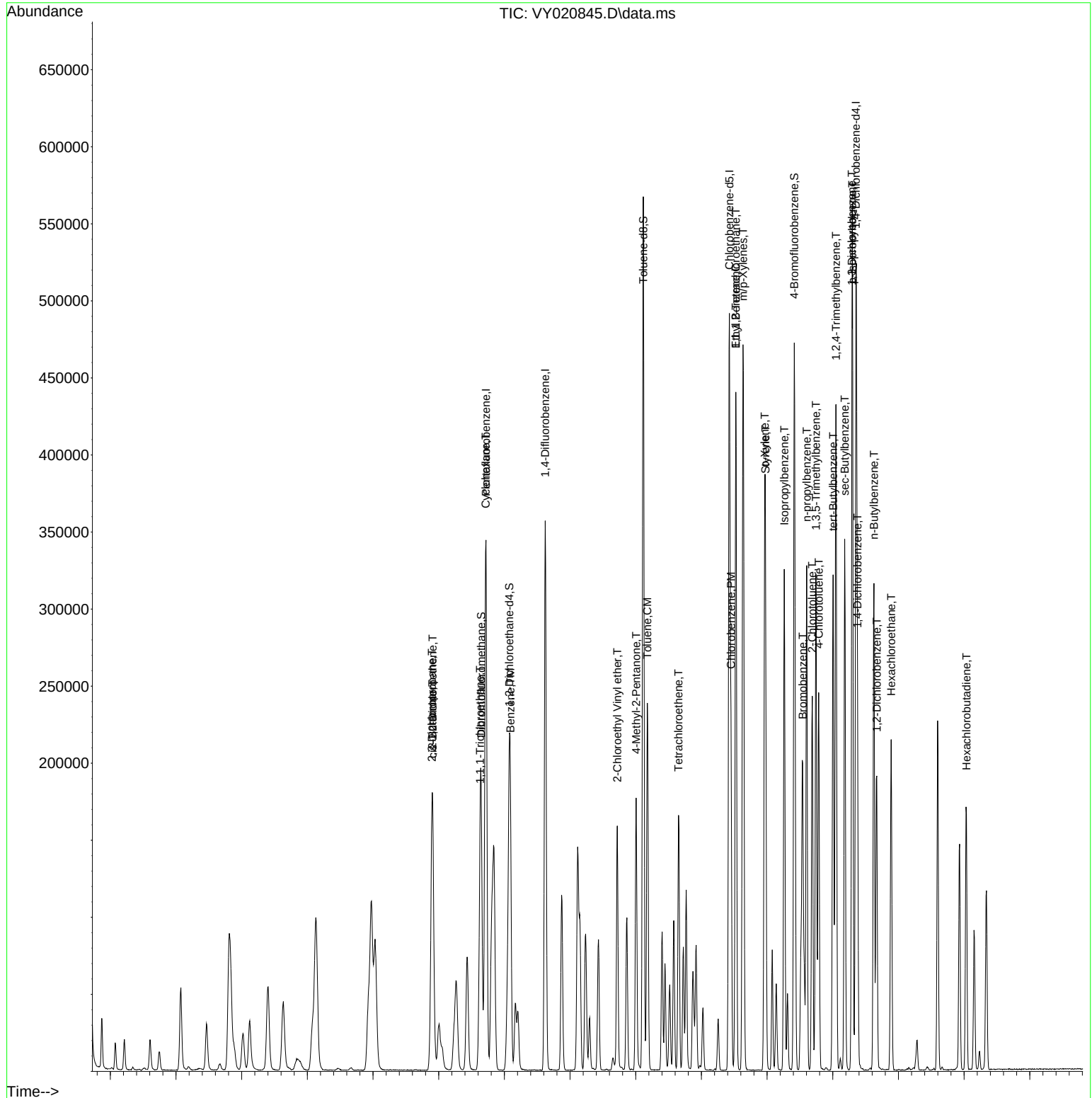
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020845.D
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Operator : SY/MD
Sample : VY0117SBSD01
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ALS Vial : 5 Sample Multiplier: 1

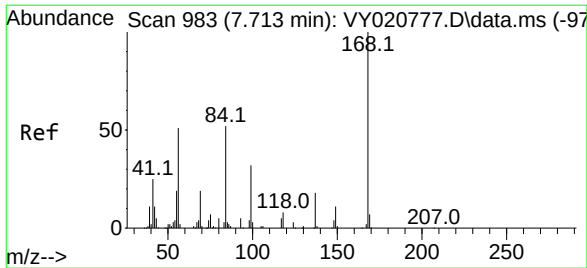
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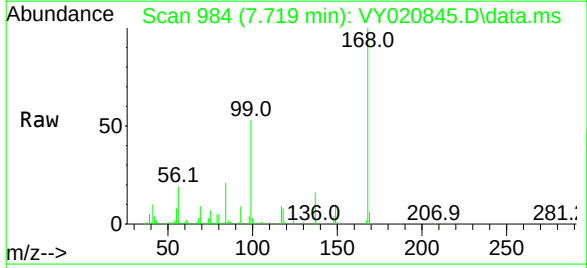
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

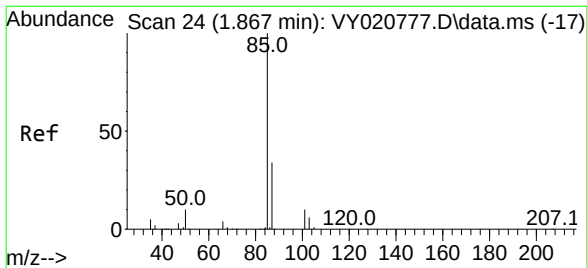
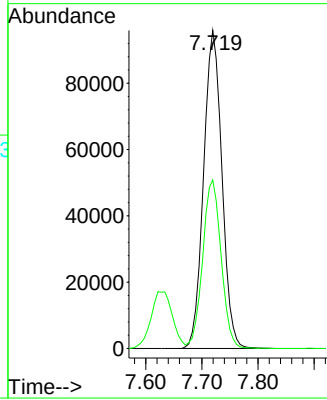
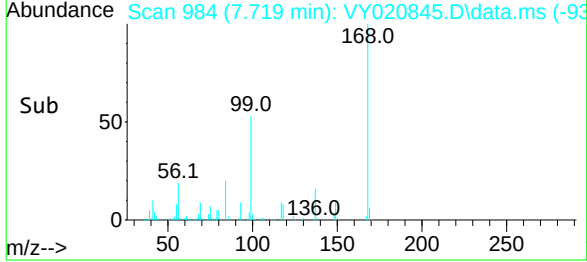
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



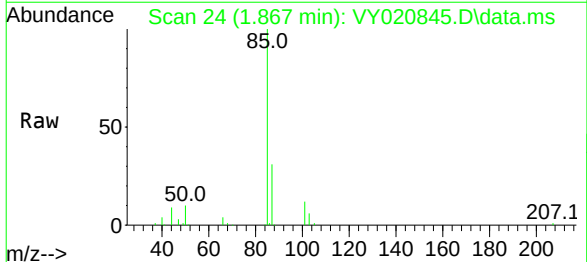
Tgt Ion: 168 Resp: 217641
Ion Ratio Lower Upper
168 100
99 53.0 44.3 66.5

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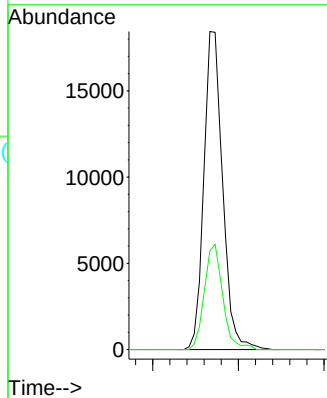
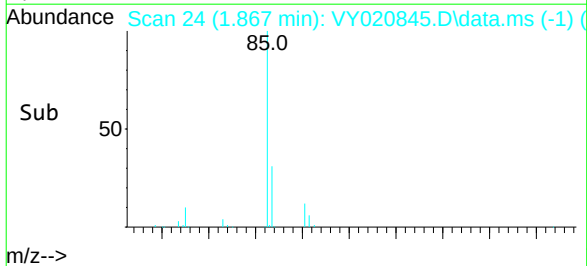
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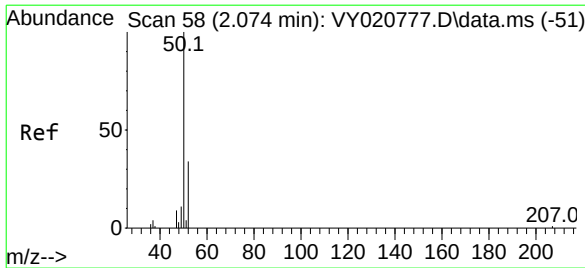


#2
Dichlorodifluoromethane
Concen: 17.548 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58



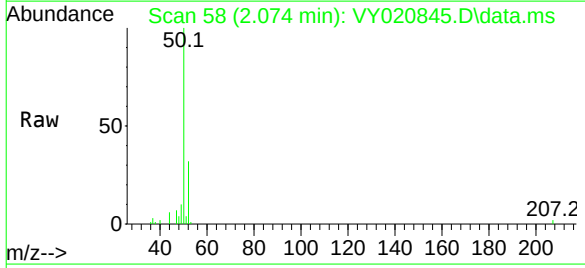
Tgt Ion: 85 Resp: 28029
Ion Ratio Lower Upper
85 100
87 31.1 16.9 50.6





#3
Chloromethane
Concen: 19.530 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

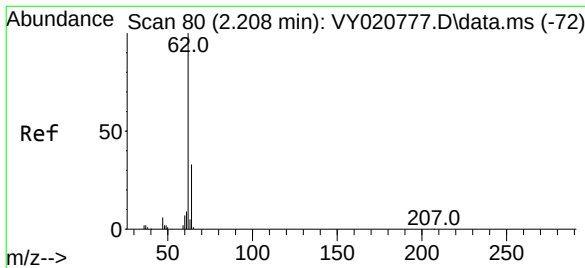
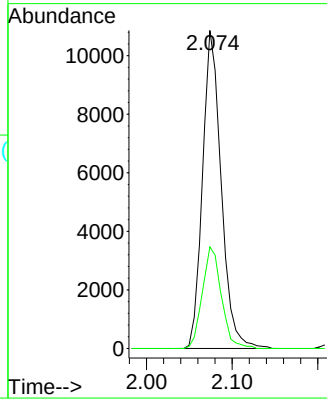
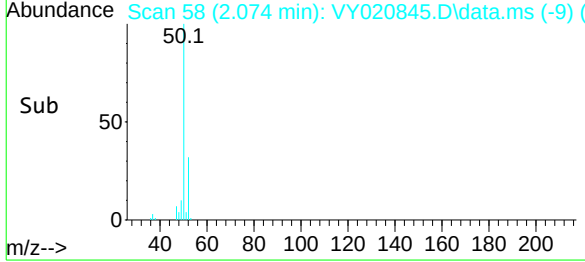
Instrument :
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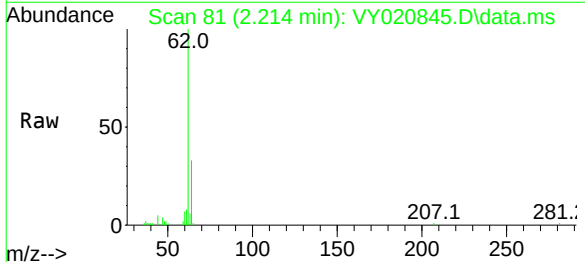
Tgt Ion: 50 Resp: 16425
Ion Ratio Lower Upper
50 100
52 31.9 27.3 40.9

Manual Integrations
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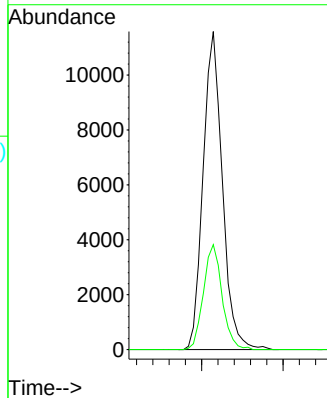
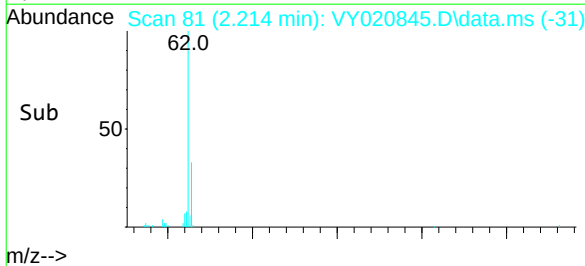
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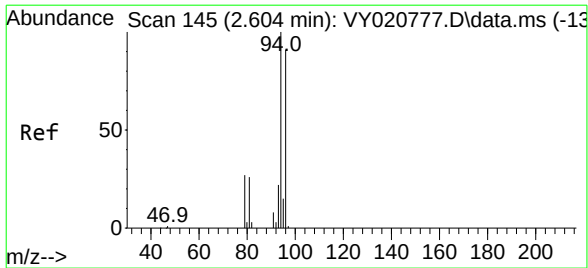


#4
Vinyl Chloride
Concen: 20.348 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58



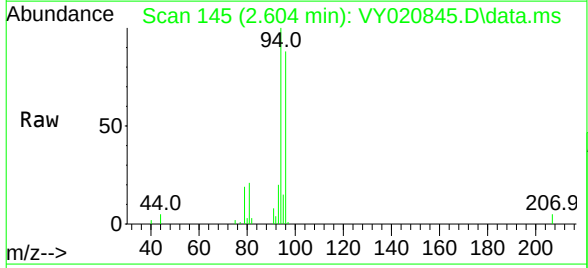
Tgt Ion: 62 Resp: 19024
Ion Ratio Lower Upper
62 100
64 33.0 26.6 39.8





#5
Bromomethane
Concen: 18.539 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

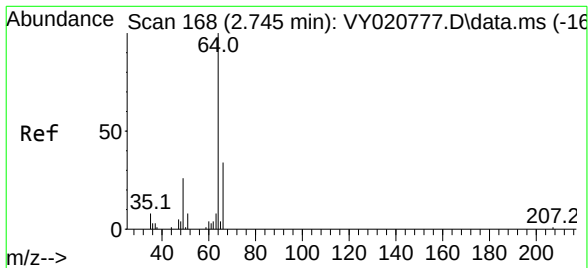
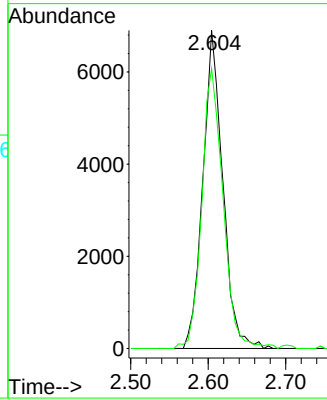
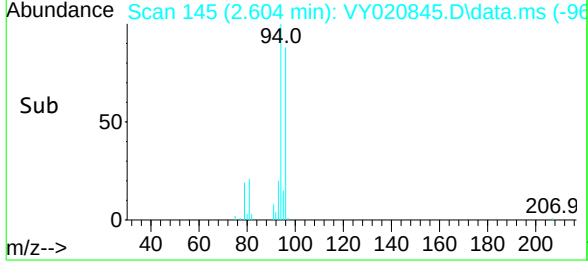
Instrument : MSVOA_Y
ClientSampleId : VY0117SBSD01



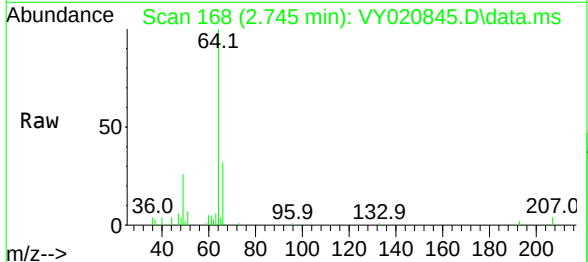
Tgt Ion: 94 Resp: 12345
Ion Ratio Lower Upper
94 100
96 88.0 72.6 109.0

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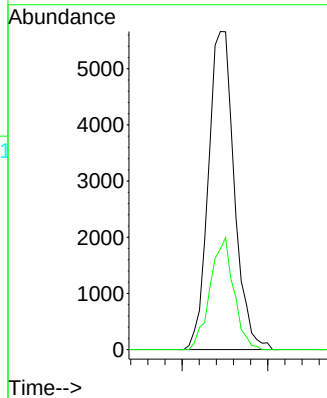
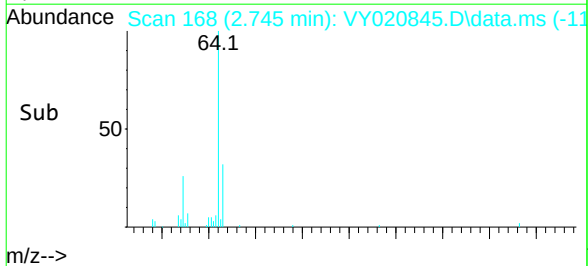
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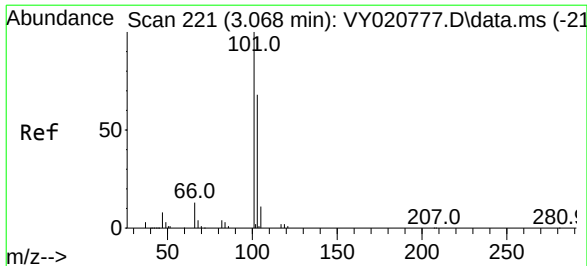


#6
Chloroethane
Concen: 20.647 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58



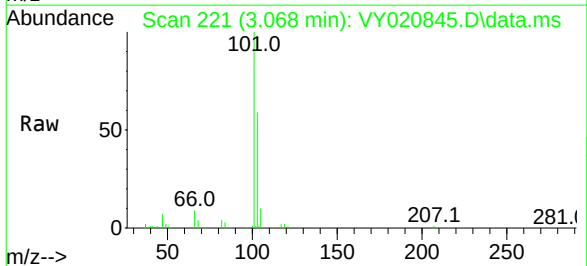
Tgt Ion: 64 Resp: 11905
Ion Ratio Lower Upper
64 100
66 31.5 26.9 40.3





Trichlorofluoromethane
 Concen: 18.692 ug/l
 RT: 3.068 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58

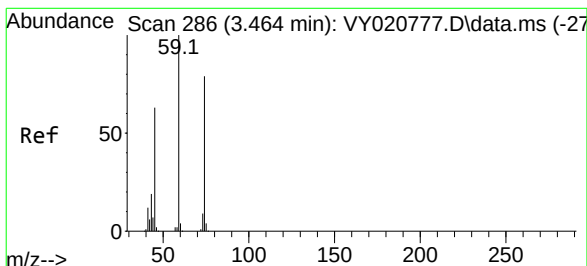
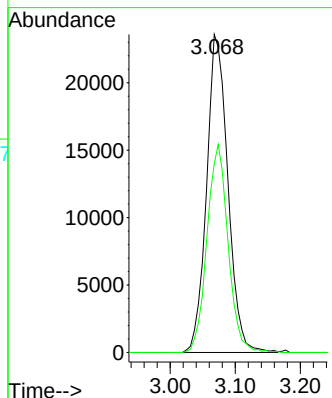
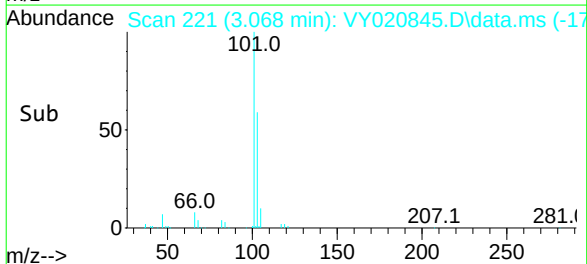
Instrument : MSVOA_Y
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Tgt Ion: 101 Resp: 53635
 Ion Ratio Lower Upper
 101 100
 103 59.4 54.6 82.0

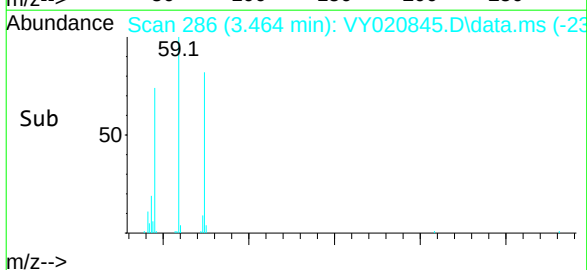
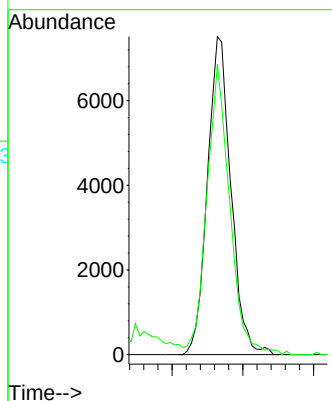
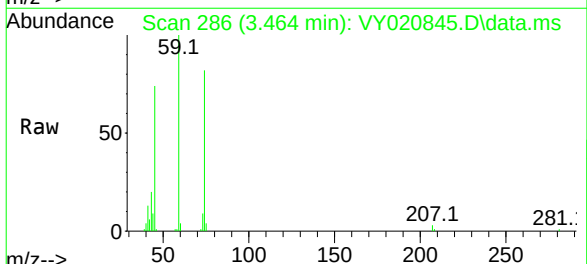
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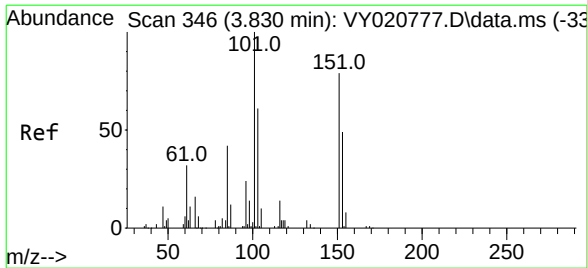
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



Diethyl Ether
 Concen: 19.333 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
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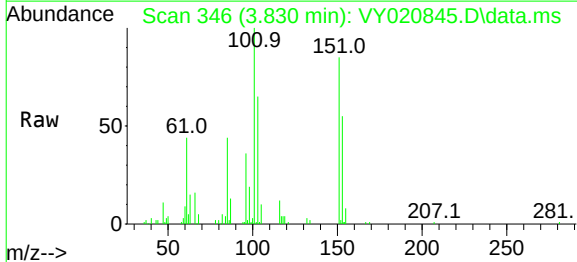
Tgt Ion: 74 Resp: 17348
 Ion Ratio Lower Upper
 74 100
 45 89.2 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.328 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

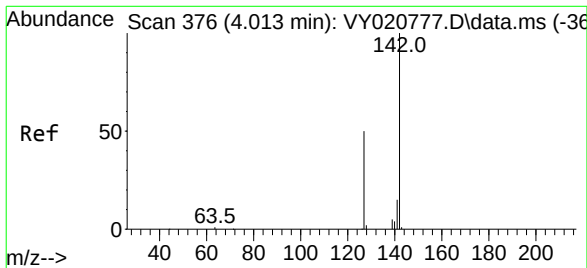
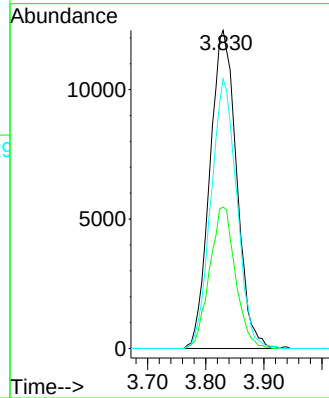
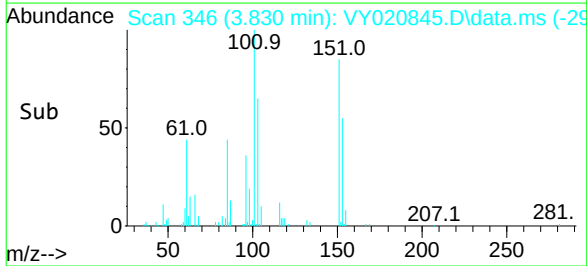
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



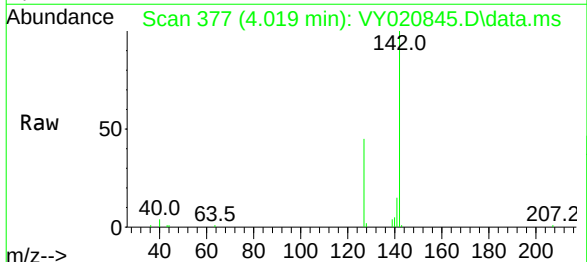
Tgt Ion:101 Resp: 39389
Ion Ratio Lower Upper
101 100
85 42.8 35.9 53.9
151 81.7 66.9 100.3

Manual Integrations
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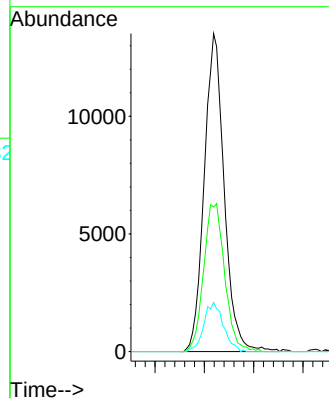
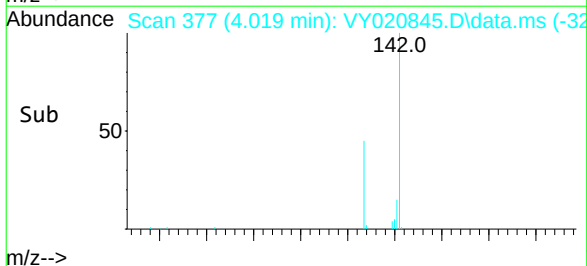
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

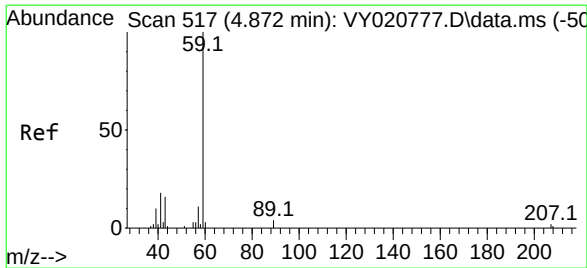


#10
Methyl Iodide
Concen: 18.285 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58



Tgt Ion:142 Resp: 37971
Ion Ratio Lower Upper
142 100
127 49.2 41.0 61.6
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 120.509 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 59 Resp: 16845

Ion Ratio Lower Upper

59 100

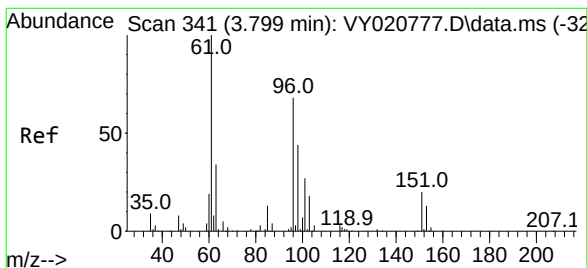
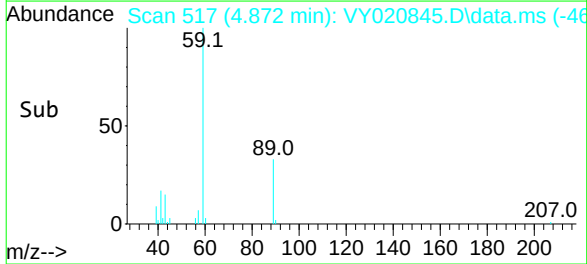
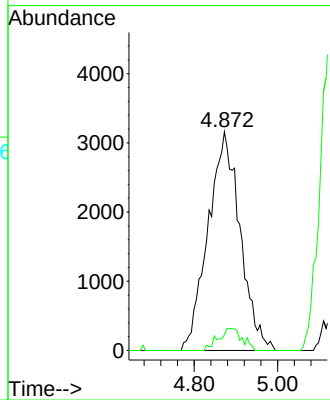
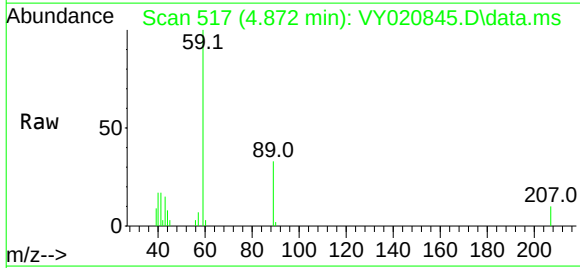
57 7.4 7.8 11.8#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#12

1,1-Dichloroethene

Concen: 19.290 ug/l

RT: 3.805 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

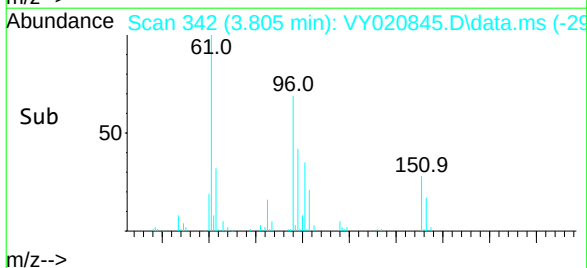
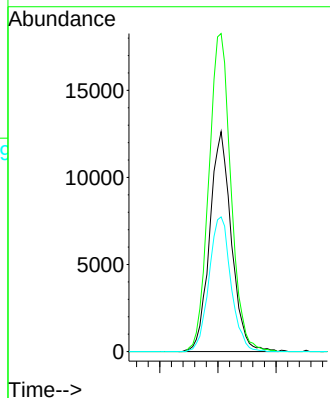
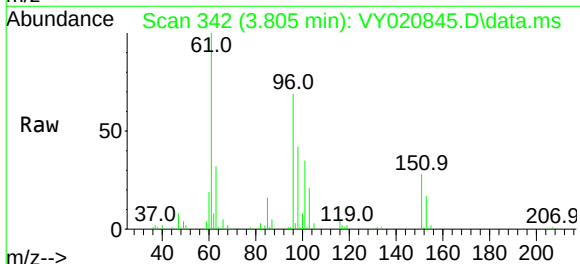
Tgt Ion: 96 Resp: 32739

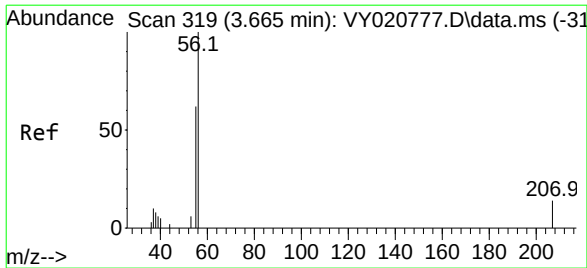
Ion Ratio Lower Upper

96 100

61 144.6 117.8 176.8

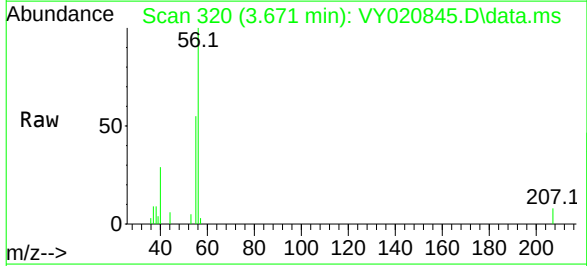
98 61.2 51.9 77.9





#13
Acrolein
Concen: 130.022 ug/l
RT: 3.671 min Scan# 320
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

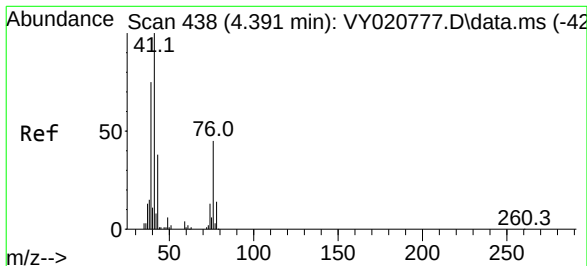
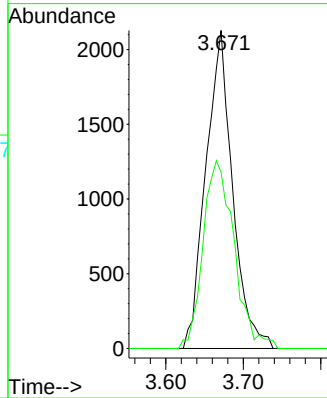
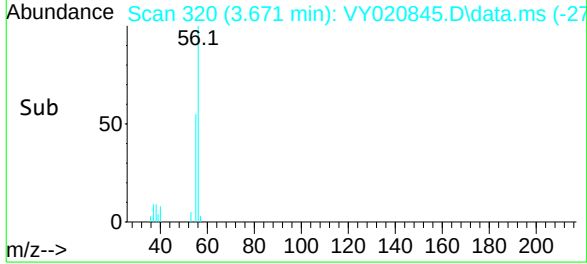
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 56 Resp: 5104
Ion Ratio Lower Upper
56 100
55 68.7 58.1 87.1

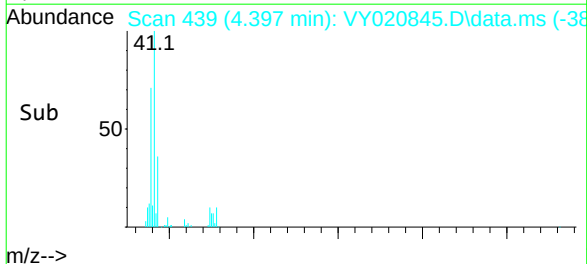
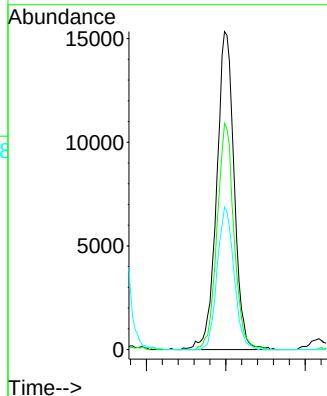
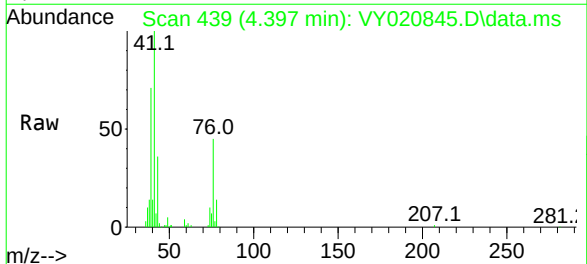
Manual Integrations
APPROVED

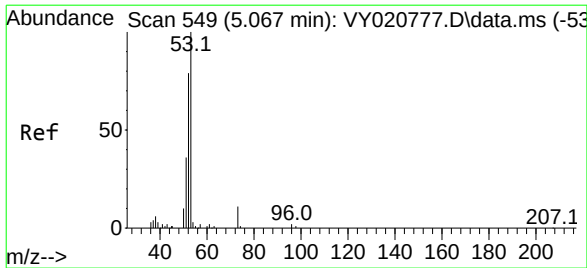
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#14
Allyl chloride
Concen: 19.202 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

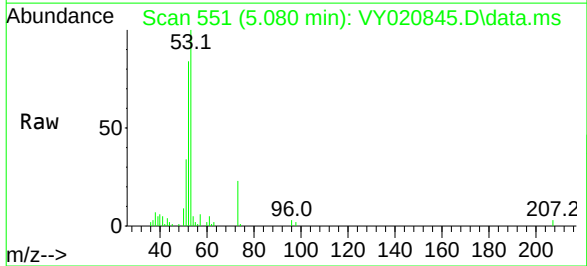
Tgt Ion: 41 Resp: 47019
Ion Ratio Lower Upper
41 100
39 68.6 57.5 86.3
76 42.9 35.6 53.4





#15
Acrylonitrile
Concen: 99.255 ug/l
RT: 5.080 min Scan# 551
Delta R.T. 0.012 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

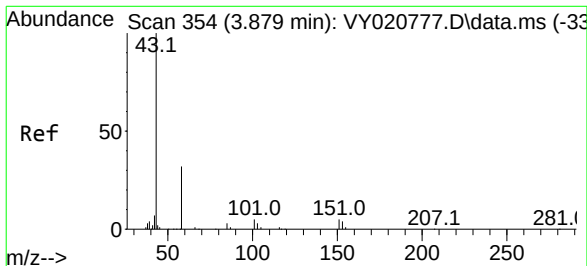
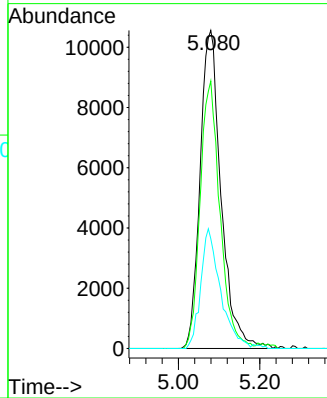
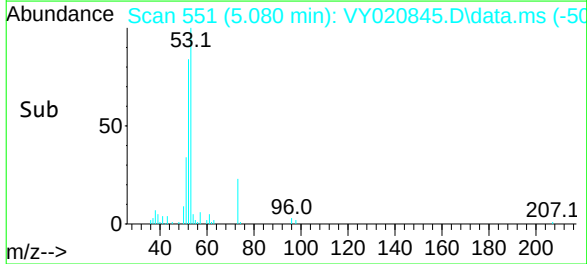
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 53 Resp: 37852
Ion Ratio Lower Upper
53 100
52 79.2 64.3 96.5
51 35.3 29.3 43.9

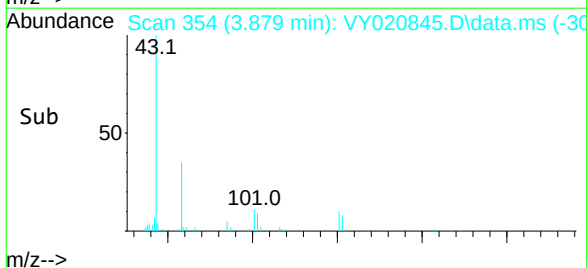
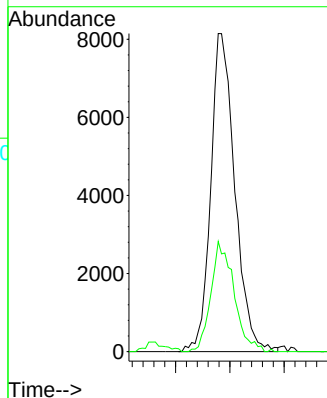
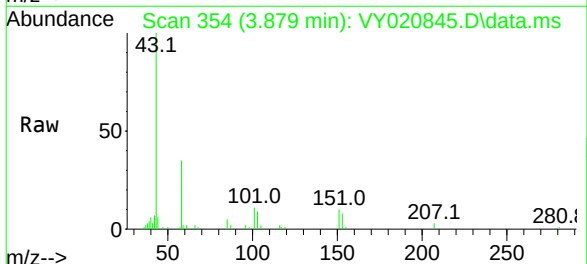
Manual Integrations
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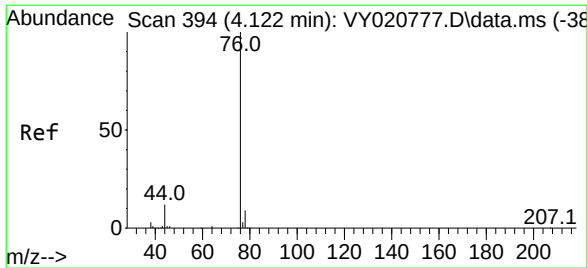
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#16
Acetone
Concen: 95.550 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

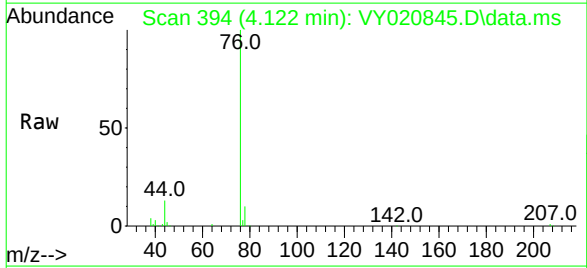
Tgt Ion: 43 Resp: 25135
Ion Ratio Lower Upper
43 100
58 34.6 26.7 40.1





#17
Carbon Disulfide
Concen: 17.250 ug/l
RT: 4.122 min Scan# 39
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

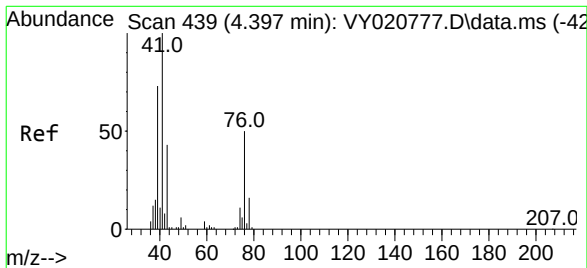
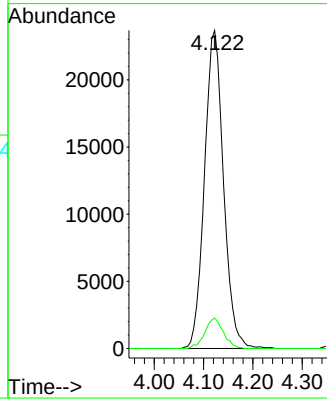
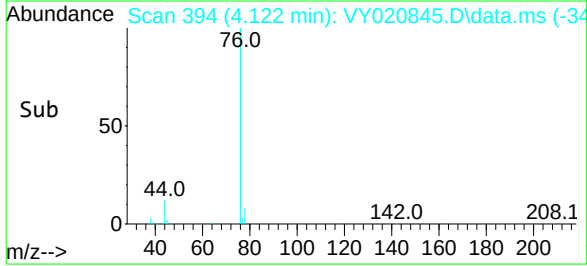
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 76 Resp: 63512
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

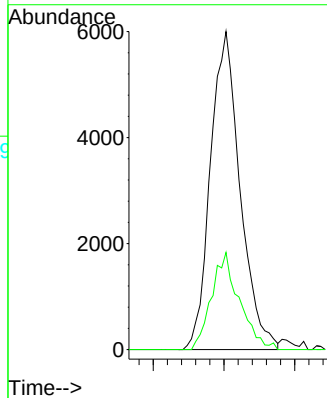
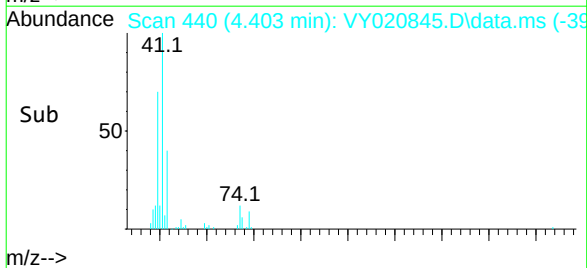
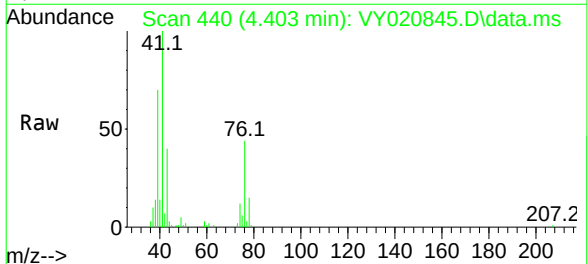
Manual Integrations
APPROVED

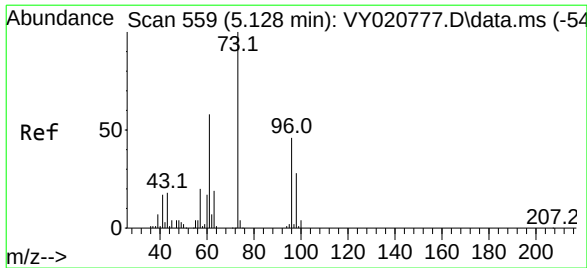
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#18
Methyl Acetate
Concen: 19.702 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion: 43 Resp: 17499
Ion Ratio Lower Upper
43 100
74 28.6 23.0 34.6





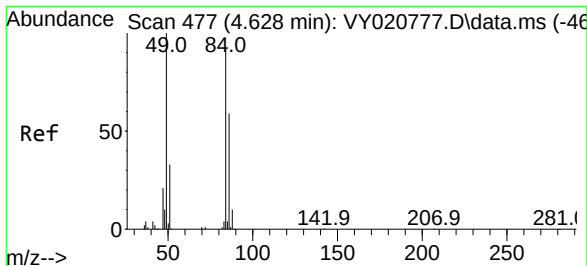
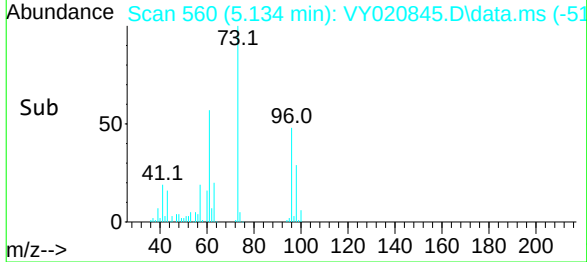
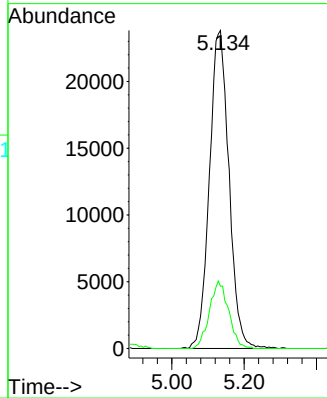
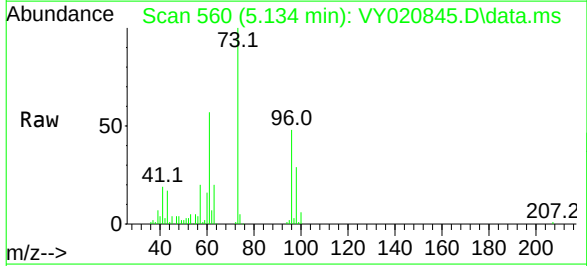
#19
Methyl tert-butyl Ether
Concen: 18.613 ug/l
RT: 5.134 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 73 Resp: 89155
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6

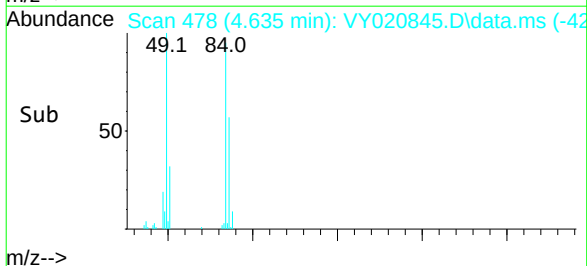
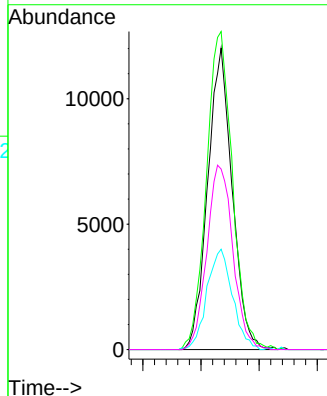
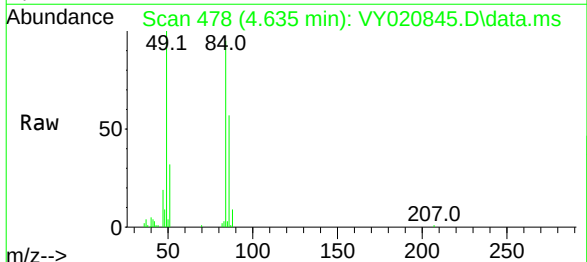
Manual Integrations
APPROVED

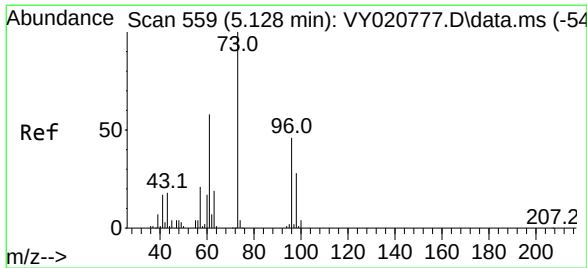
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#20
Methylene Chloride
Concen: 19.388 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

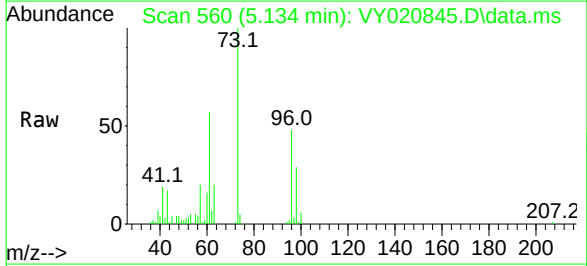
Tgt Ion: 84 Resp: 35222
Ion Ratio Lower Upper
84 100
49 105.5 86.7 130.1
51 33.3 28.4 42.6
86 59.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.084 ug/l
RT: 5.134 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

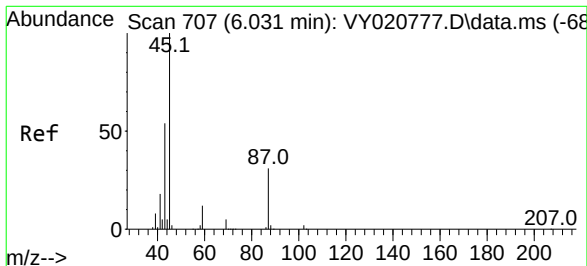
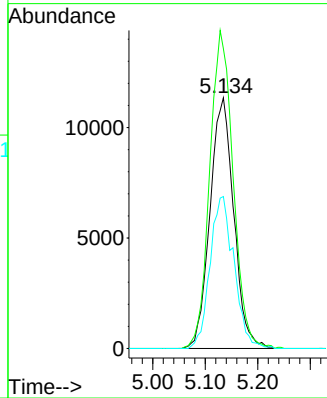
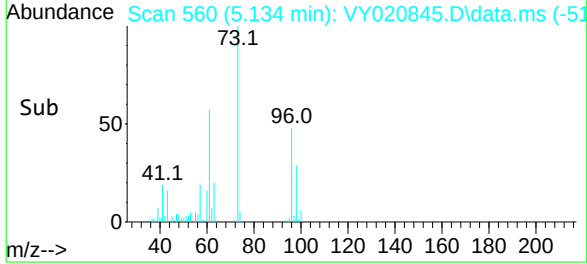
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



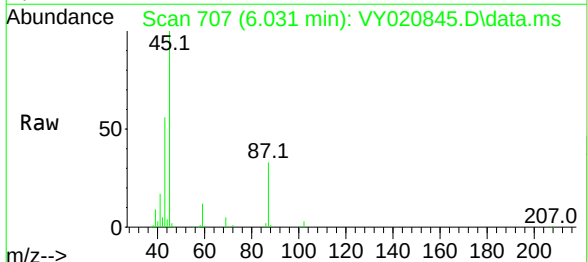
Tgt Ion: 96 Resp: 35668
Ion Ratio Lower Upper
96 100
61 119.6 101.6 152.4
98 60.6 49.4 74.2

Manual Integrations
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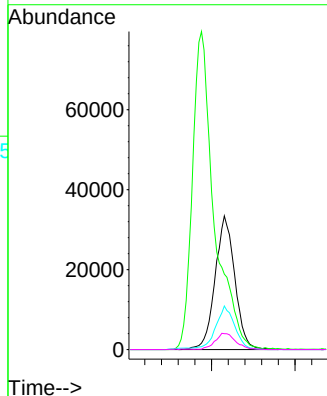
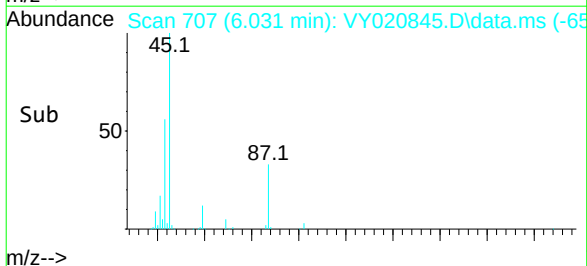
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

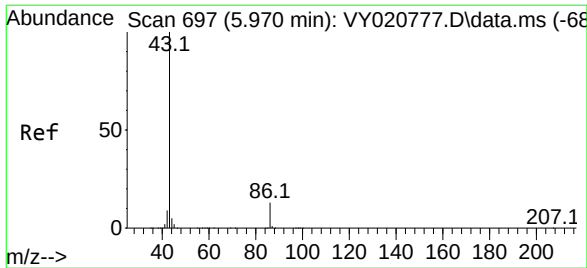


#22
Diisopropyl ether
Concen: 21.052 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58



Tgt Ion: 45 Resp: 109808
Ion Ratio Lower Upper
45 100
43 55.6 43.9 65.9
87 32.6 25.3 37.9
59 11.9 10.0 15.0





#23

Vinyl Acetate

Concen: 99.791 ug/l

RT: 5.976 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 43 Resp: 286996

Ion Ratio Lower Upper

43 100

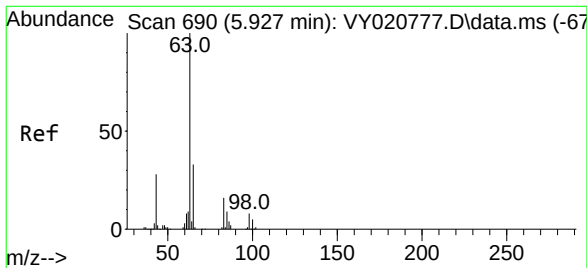
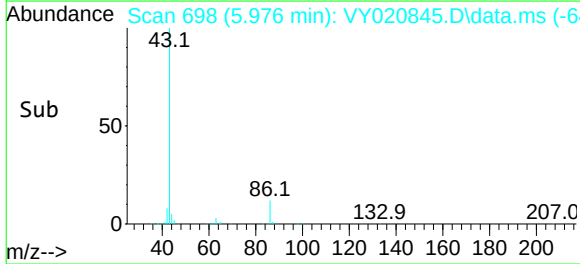
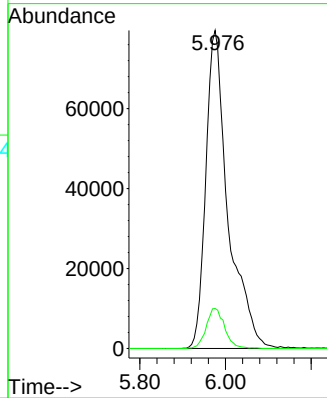
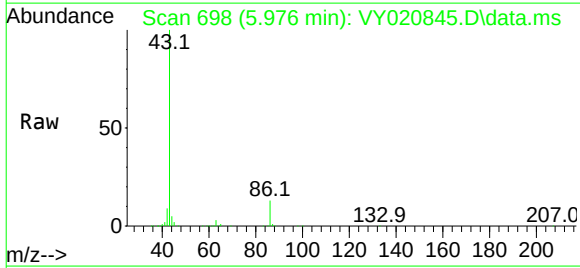
86 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#24

1,1-Dichloroethane

Concen: 19.764 ug/l

RT: 5.933 min Scan# 691

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

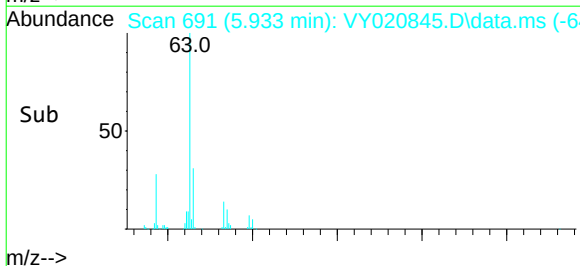
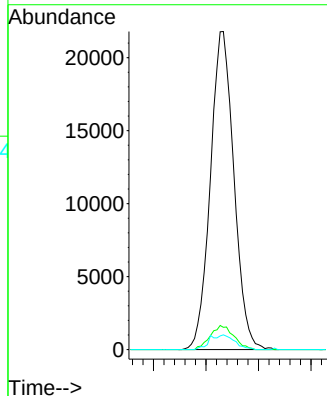
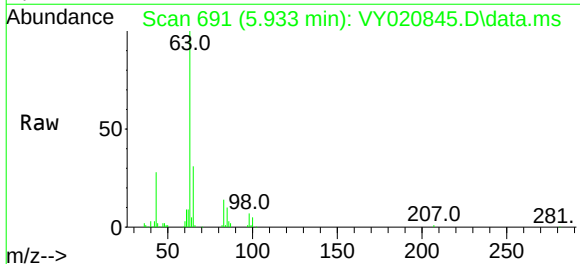
Tgt Ion: 63 Resp: 68015

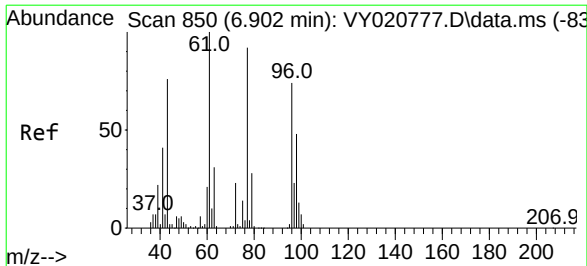
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

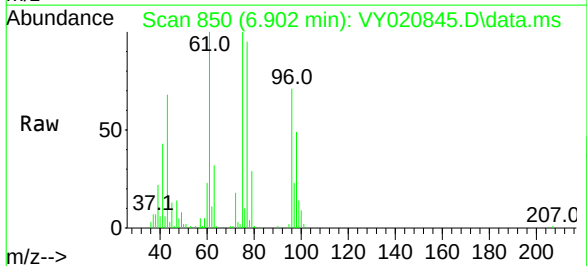
100 4.6 2.4 7.2





#25
2-Butanone
Concen: 104.134 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

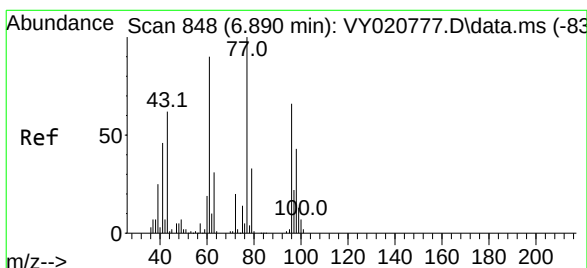
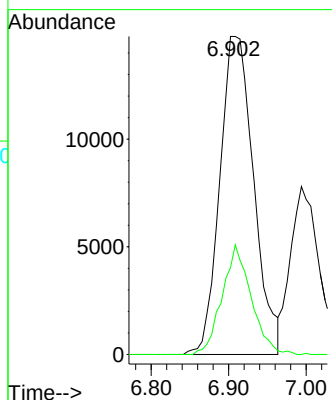
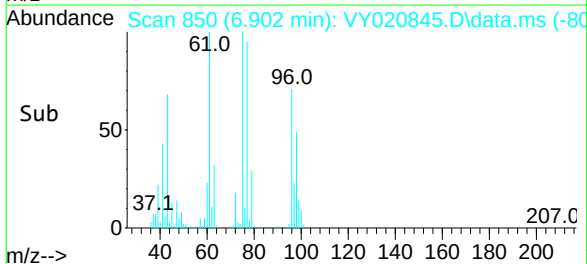
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 43 Resp: 44998
Ion Ratio Lower Upper
43 100
72 27.4 24.0 36.0

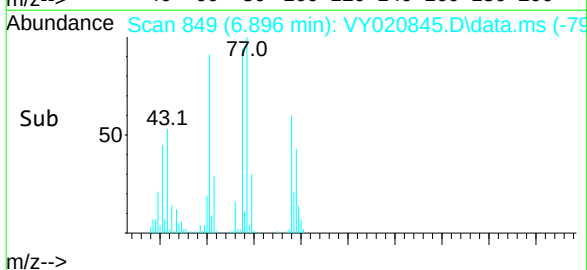
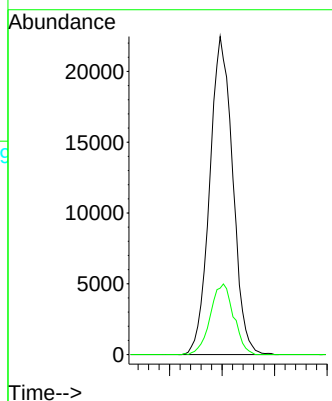
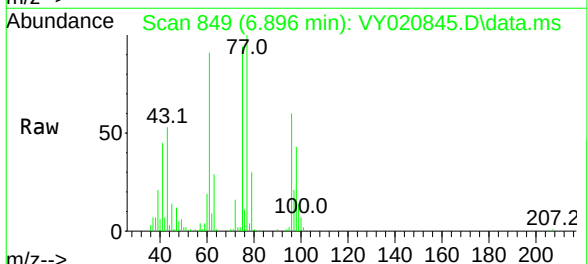
Manual Integrations
APPROVED

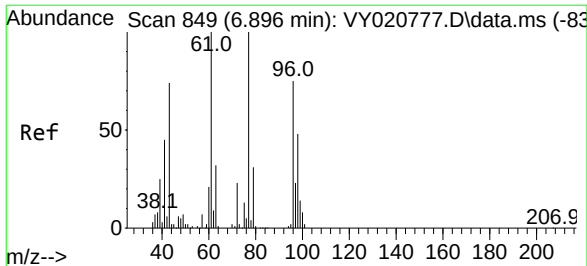
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#26
2,2-Dichloropropane
Concen: 19.162 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

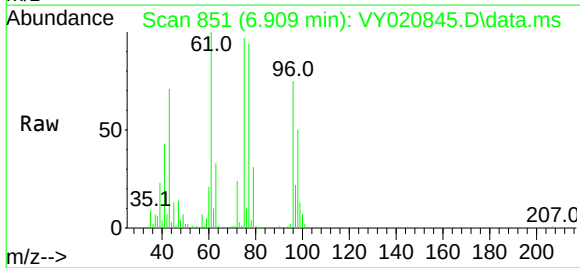
Tgt Ion: 77 Resp: 68466
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.718 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58

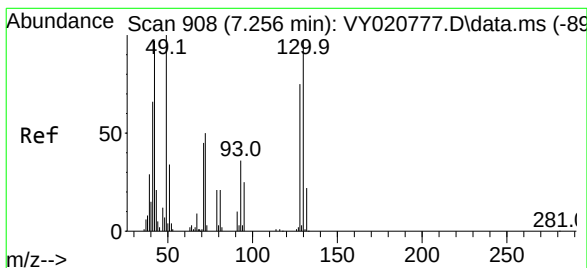
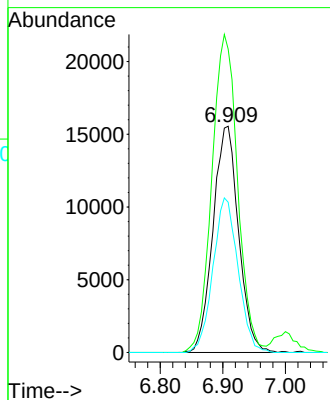
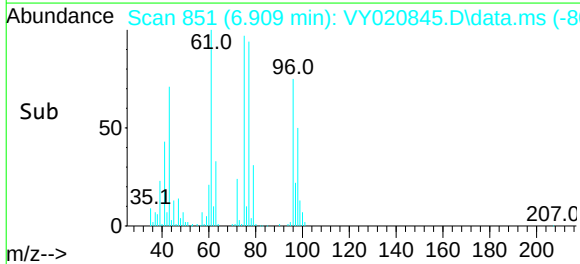
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBSD01



Tgt Ion: 96 Resp: 44140
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 271.4
 98 67.0 0.0 129.0

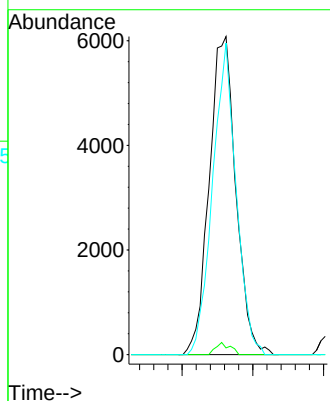
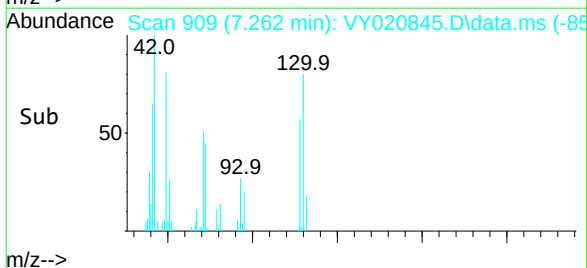
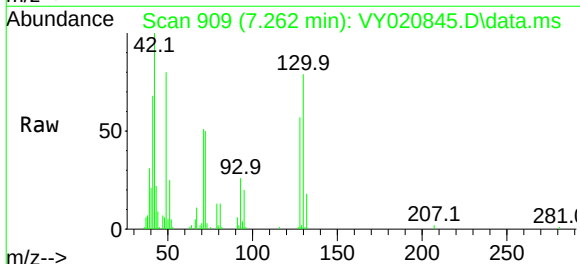
Manual Integrations
 APPROVED

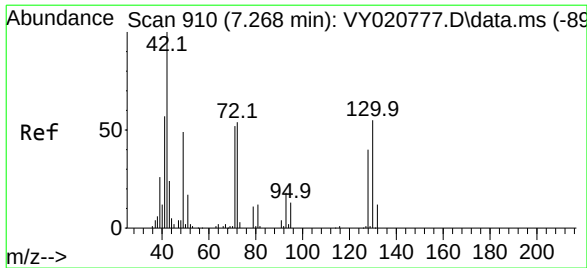
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#28
 Bromochloromethane
 Concen: 17.148 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58

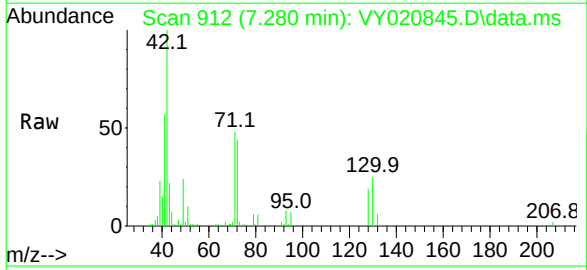
Tgt Ion: 49 Resp: 15924
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.2
 130 86.4 77.8 116.6





#29
Tetrahydrofuran
Concen: 100.364 ug/l
RT: 7.280 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

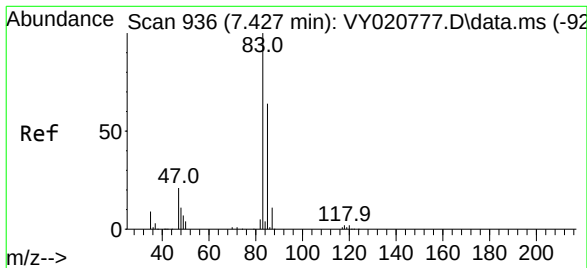
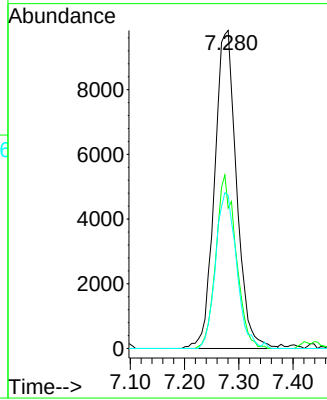
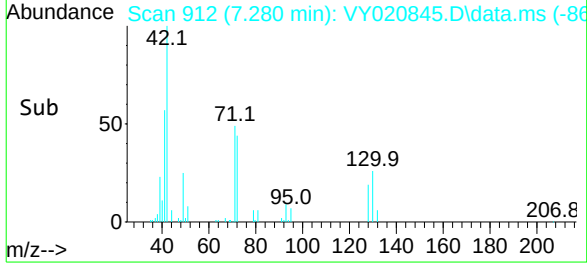
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 42 Resp: 27704
Ion Ratio Lower Upper
42 100
72 49.7 41.8 62.6
71 46.7 39.8 59.8

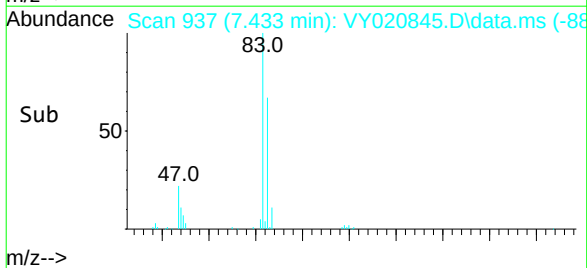
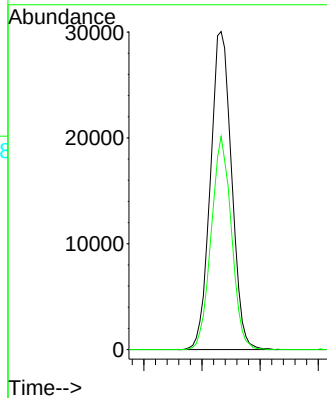
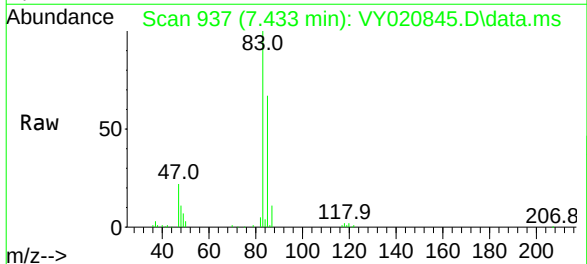
Manual Integrations
APPROVED

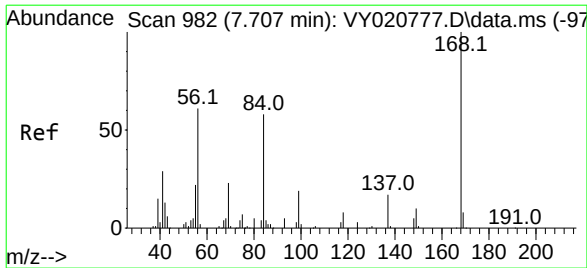
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#30
Chloroform
Concen: 19.409 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion: 83 Resp: 76172
Ion Ratio Lower Upper
83 100
85 67.0 51.1 76.7





#31

Cyclohexane

Concen: 19.566 ug/l

RT: 7.713 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

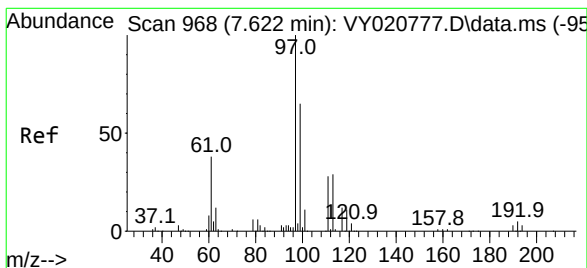
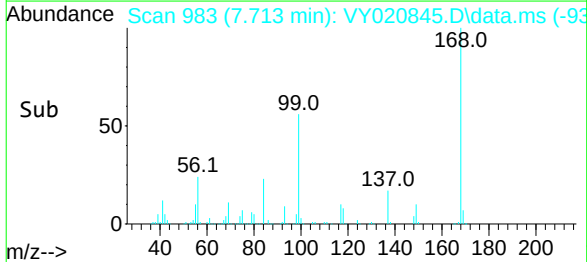
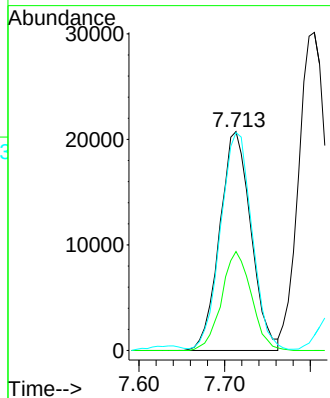
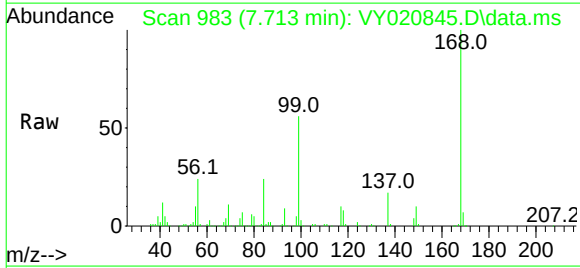
VY0117SBS01

Tgt Ion:	56	Resp:	52667
Ion	Ratio	Lower	Upper
56	100		
69	45.2	30.5	45.7
84	97.9	76.6	115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#32

1,1,1-Trichloroethane

Concen: 18.672 ug/l

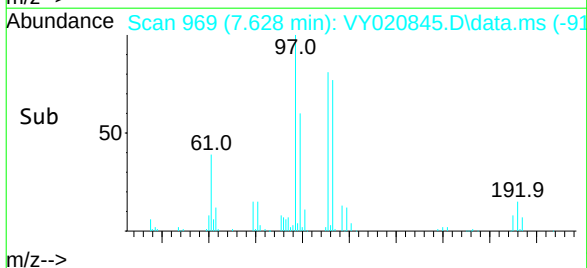
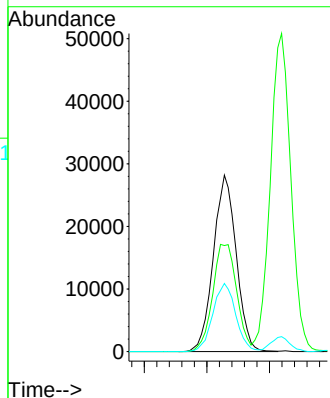
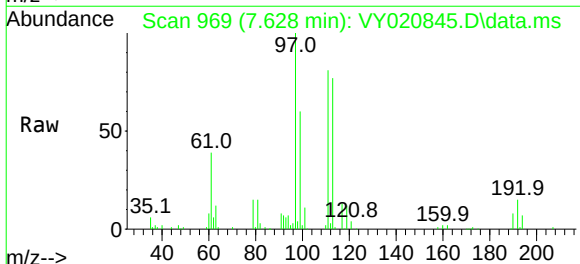
RT: 7.628 min Scan# 969

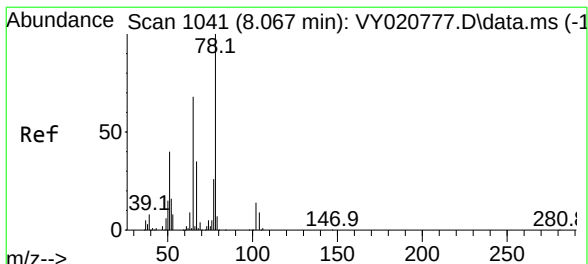
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	97	Resp:	71478
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	38.7	30.5	45.7





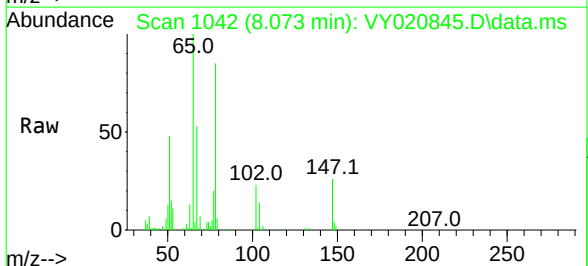
#33
 1,2-Dichloroethane-d4
 Concen: 49.161 ug/l
 RT: 8.073 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

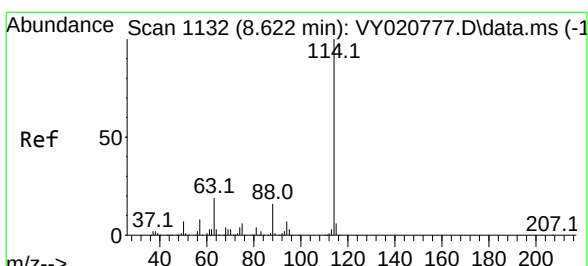
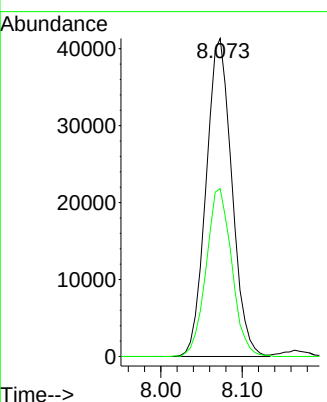
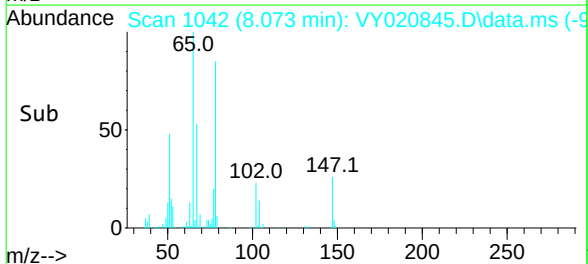


Tgt Ion:	65	Resp:	90941
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.8

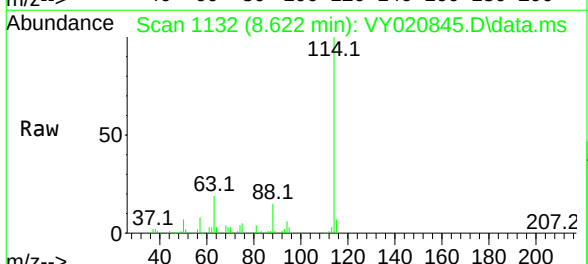
Manual Integrations

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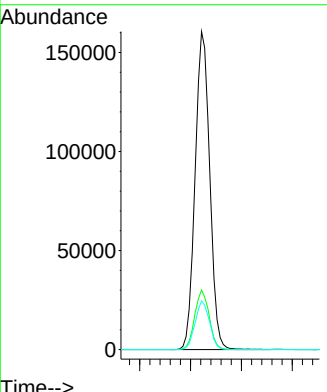
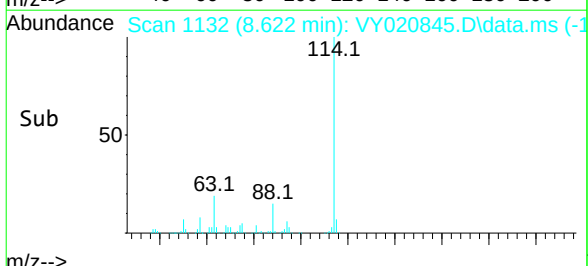
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

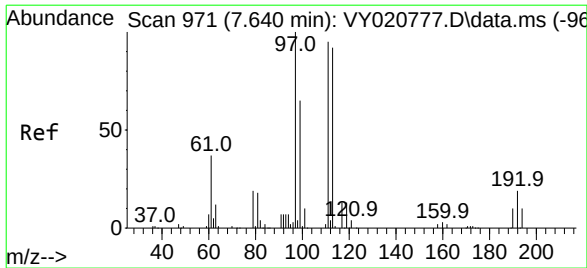


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58



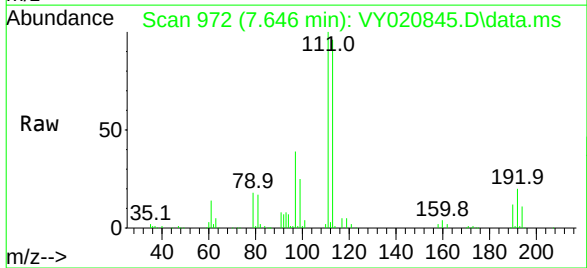
Tgt Ion:	114	Resp:	320405
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.3	0.0	31.2





#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 7.646 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

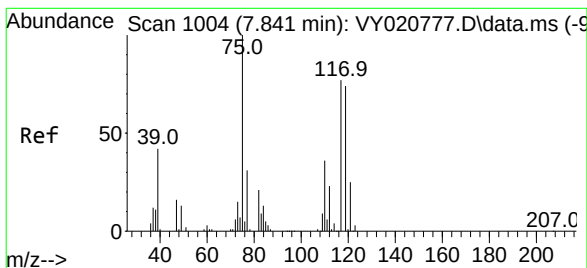
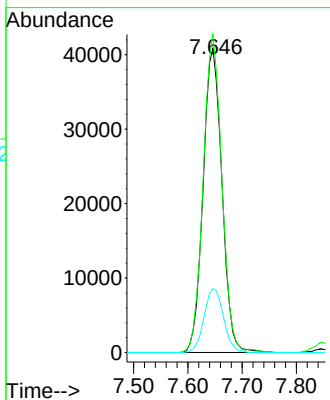
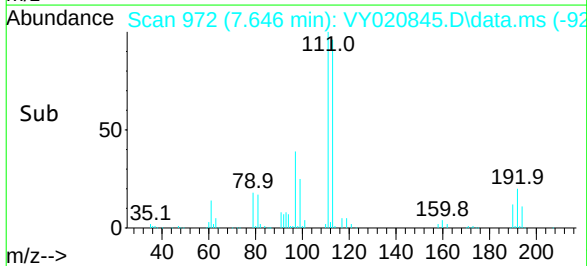
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion:	113	Resp:	98715
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.7	16.7	25.1

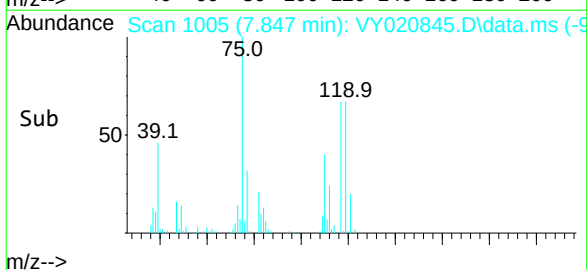
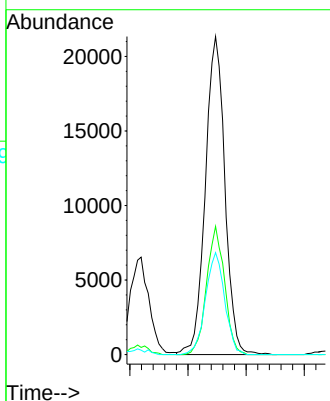
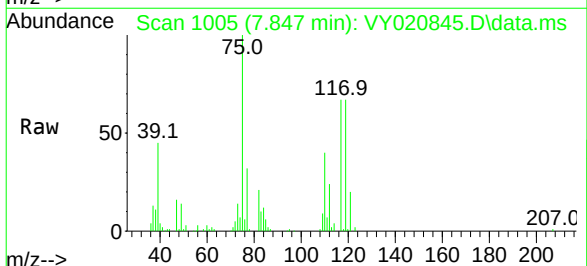
Manual Integrations
APPROVED

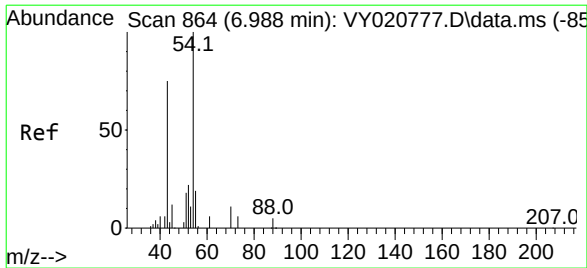
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#36
1,1-Dichloropropene
Concen: 19.456 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

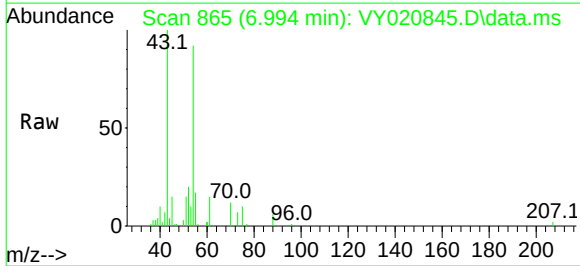
Tgt Ion:	75	Resp:	49813
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.5	55.5
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 20.785 ug/l
RT: 6.994 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

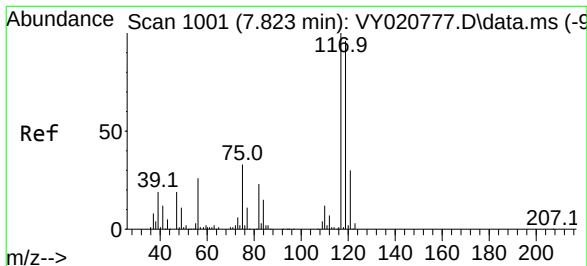
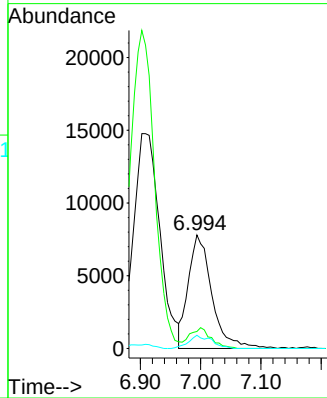
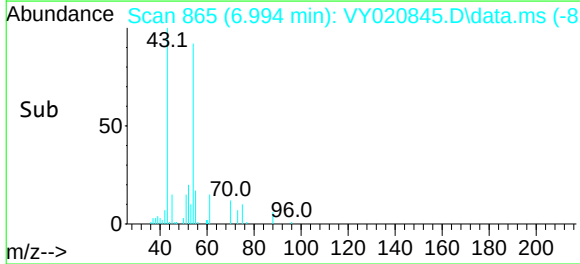
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 43 Resp: 21177
Ion Ratio Lower Upper
43 100
61 16.3 11.8 17.6
70 11.2 9.8 14.8

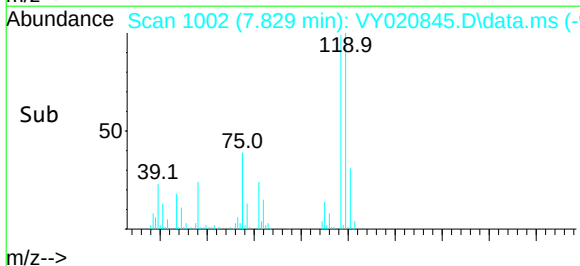
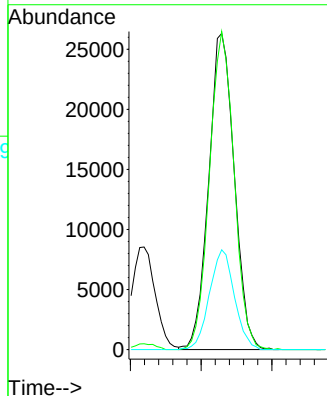
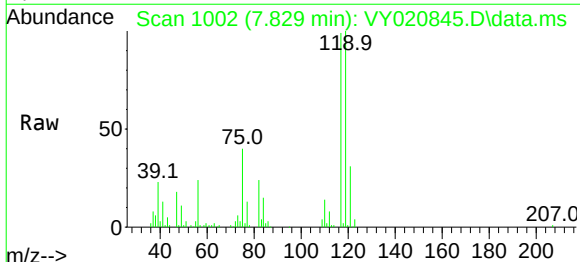
Manual Integrations
APPROVED

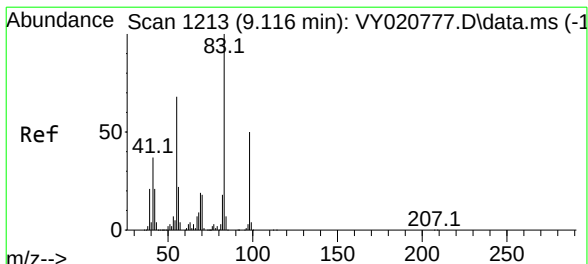
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#38
Carbon Tetrachloride
Concen: 18.537 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

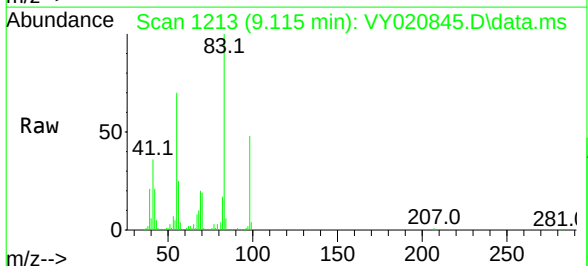
Tgt Ion:117 Resp: 66065
Ion Ratio Lower Upper
117 100
119 100.6 76.5 114.7
121 31.6 24.3 36.5





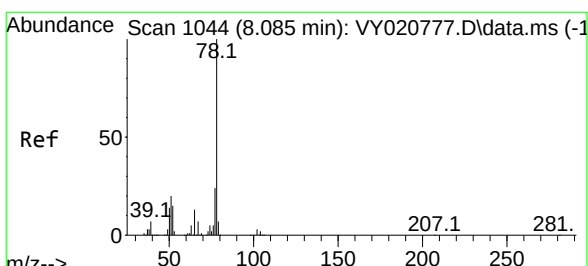
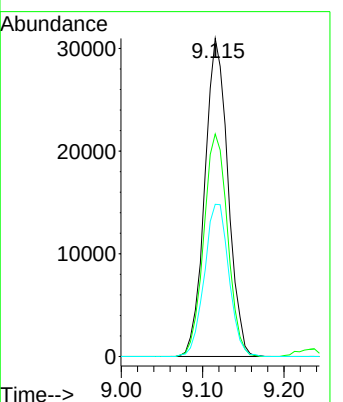
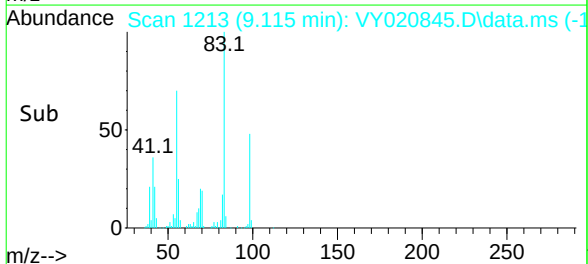
#39
 Methylcyclohexane
 Concen: 19.547 ug/l
 RT: 9.115 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58

Instrument : MSVOA_Y
 ClientSampleId : VY0117SBSD01

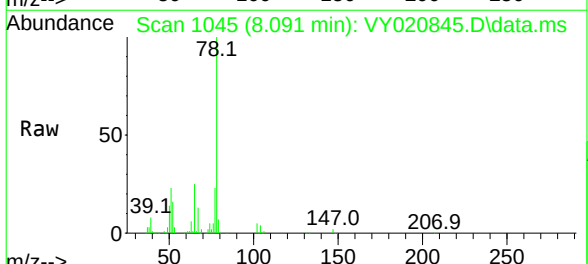


Tgt Ion:	83	Resp:	61412
Ion	Ratio	Lower	Upper
83	100		
55	70.0	54.8	82.2
98	47.8	40.0	60.0

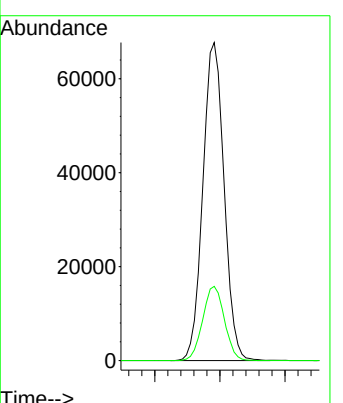
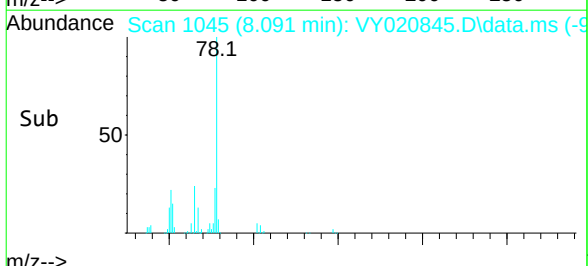
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

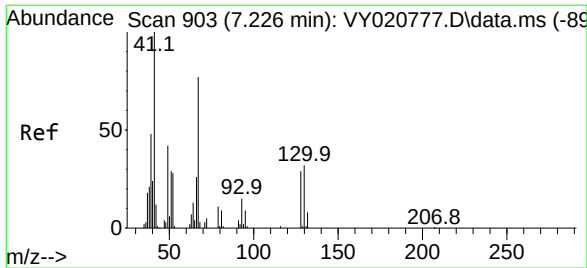


#40
 Benzene
 Concen: 19.518 ug/l
 RT: 8.091 min Scan# 1045
 Delta R.T. 0.006 min
 Lab File: VY020845.D
 Acq: 17 Jan 2025 10:58



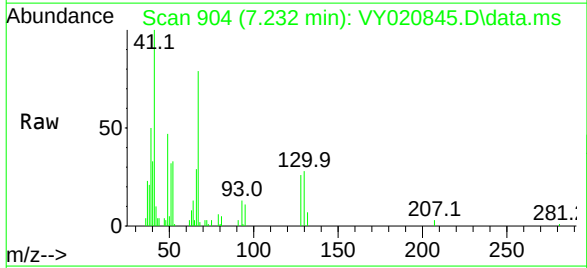
Tgt Ion:	78	Resp:	153373
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





#41
Methacrylonitrile
Concen: 20.341 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

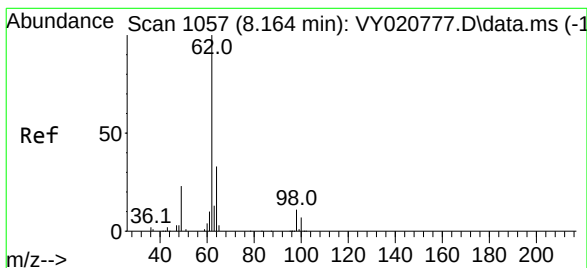
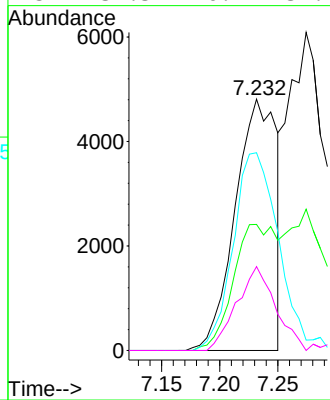
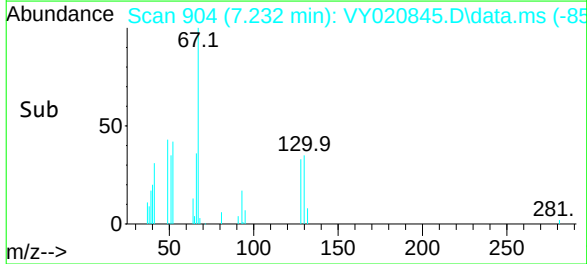
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	87.1	67.8	101.8
52	31.3	26.2	39.4

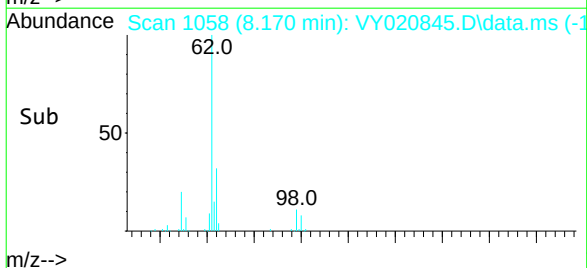
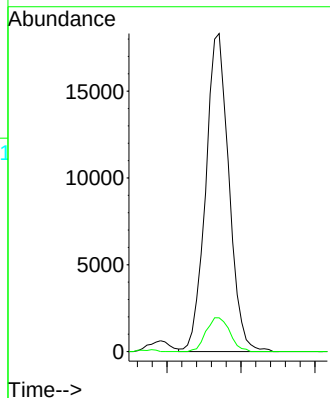
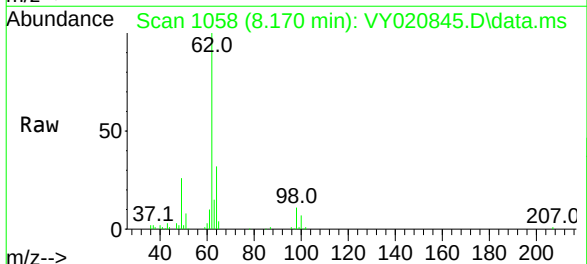
Manual Integrations
APPROVED

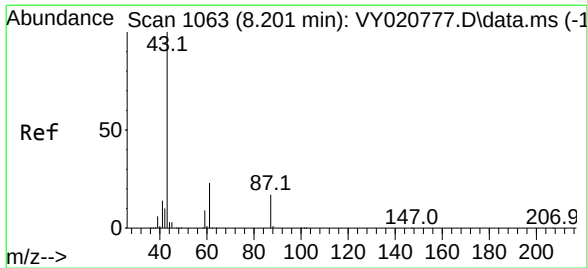
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#42
1,2-Dichloroethane
Concen: 18.629 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

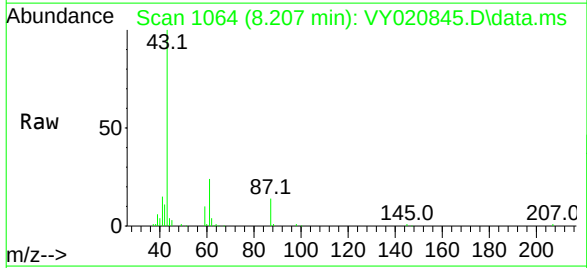
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.6





#43
Isopropyl Acetate
Concen: 19.757 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

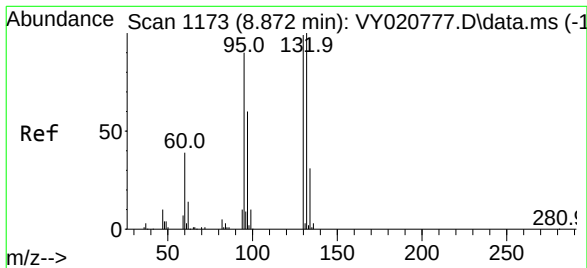
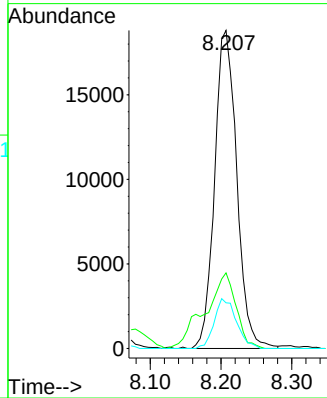
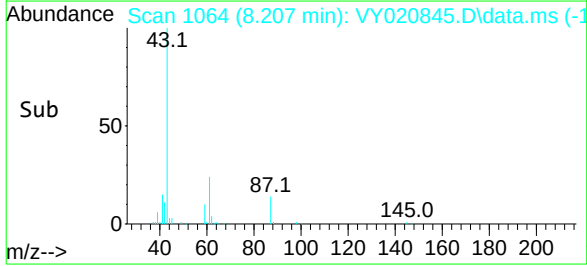
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01



Tgt Ion: 43 Resp: 40944
Ion Ratio Lower Upper
43 100
61 33.4 26.5 39.7
87 15.7 13.4 20.0

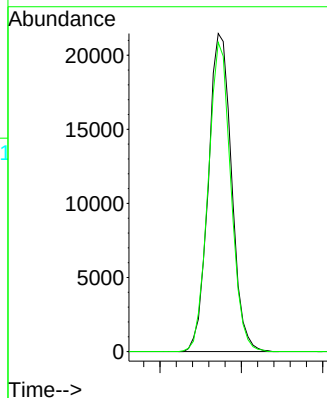
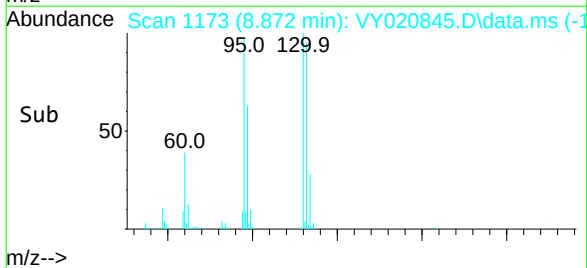
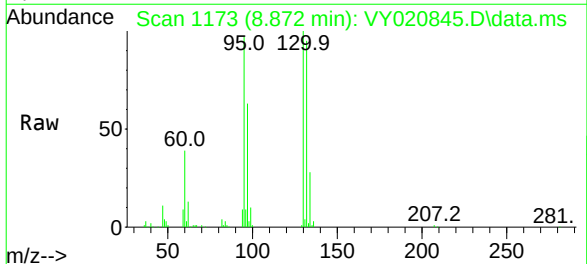
Manual Integrations
APPROVED

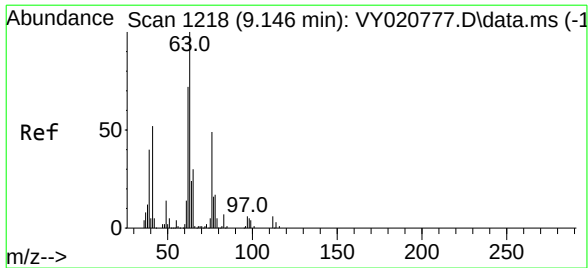
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#44
Trichloroethene
Concen: 19.428 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:130 Resp: 42558
Ion Ratio Lower Upper
130 100
95 97.2 0.0 181.0





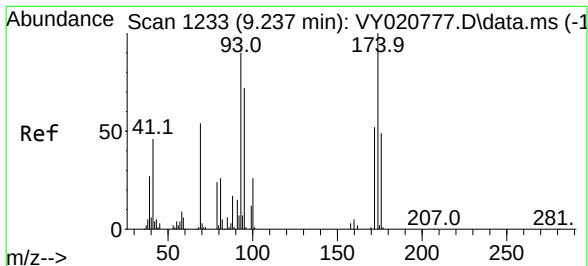
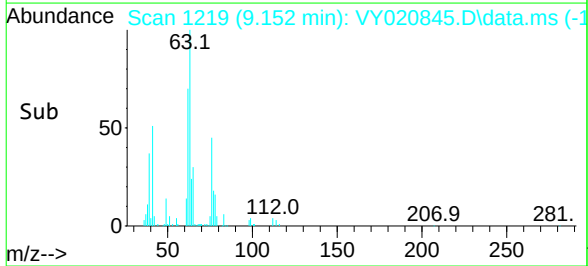
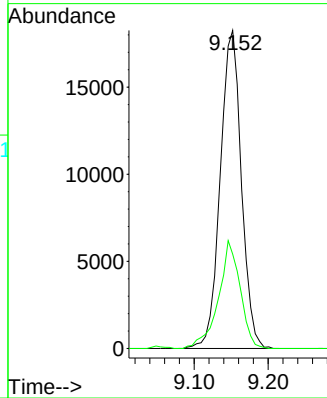
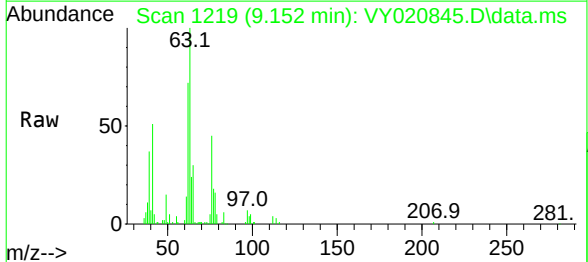
#45
1,2-Dichloropropane
Concen: 20.278 ug/l
RT: 9.152 min Scan# 1218
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 63 Resp: 36123
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

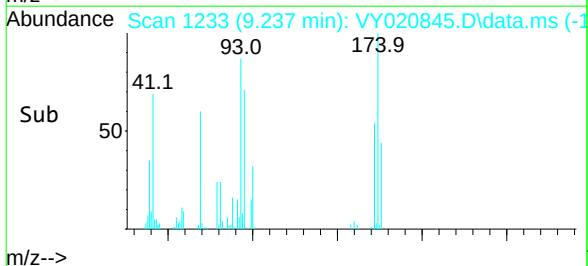
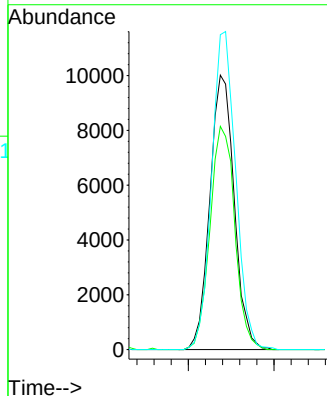
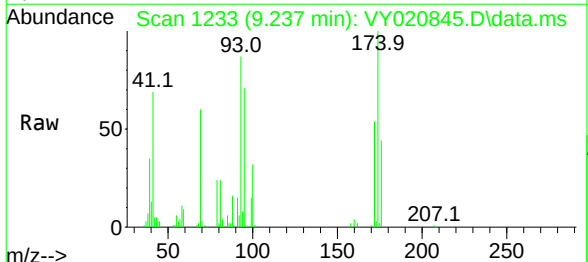
Manual Integrations
APPROVED

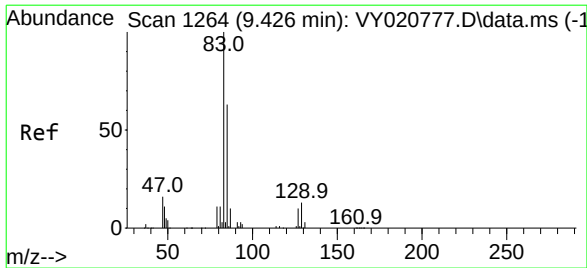
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#46
Dibromomethane
Concen: 19.348 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

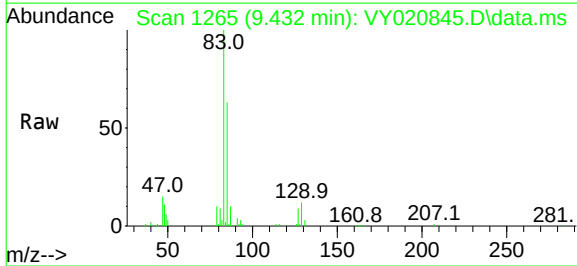
Tgt Ion: 93 Resp: 19792
Ion Ratio Lower Upper
93 100
95 82.6 68.2 102.4
174 114.6 89.0 133.6





#47
Bromodichloromethane
Concen: 19.075 ug/l
RT: 9.432 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

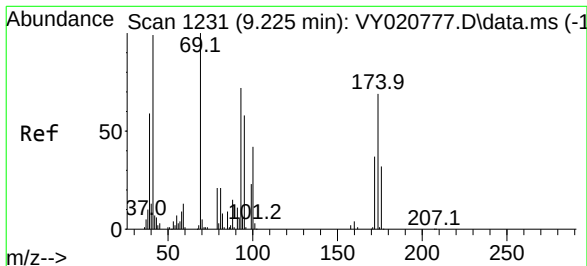
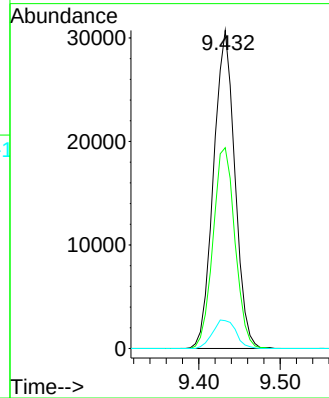
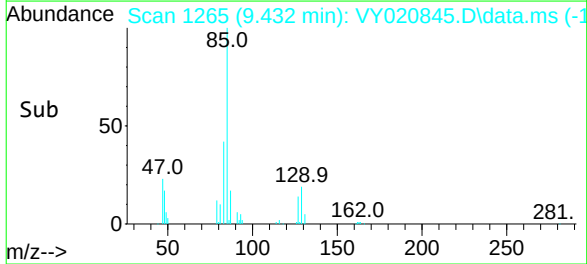
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 83 Resp: 5585
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 8.7 7.9 11.9

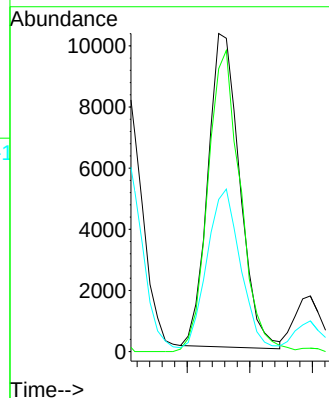
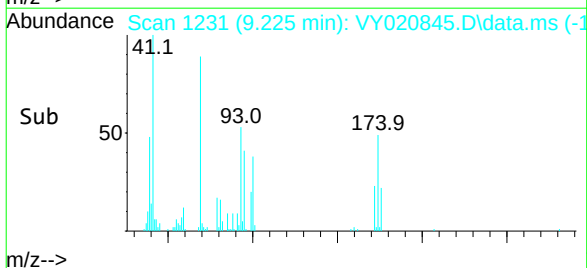
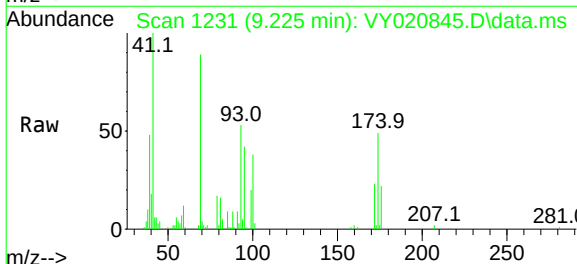
Manual Integrations
APPROVED

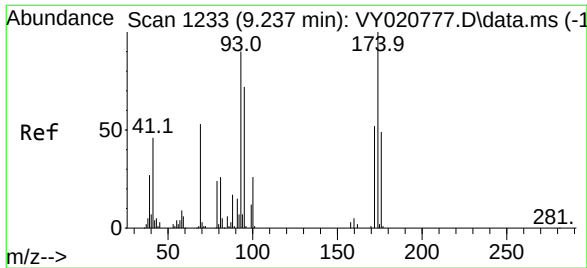
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#48
Methyl methacrylate
Concen: 19.521 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

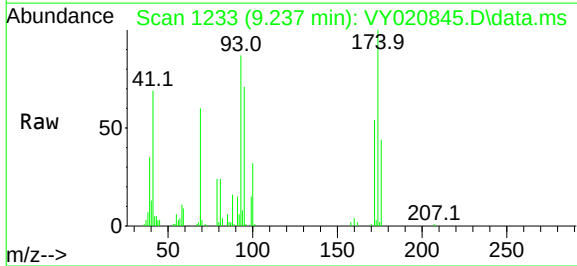
Tgt Ion: 41 Resp: 18136
Ion Ratio Lower Upper
41 100
69 97.8 78.9 118.3
39 53.0 44.6 67.0





#49
1,4-Dioxane
Concen: 396.370 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

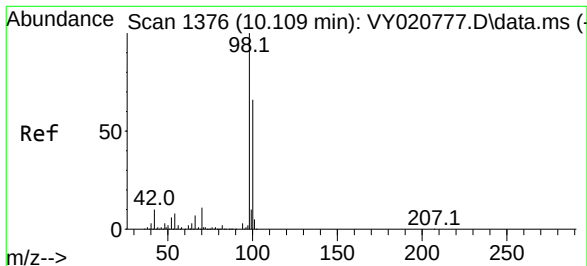
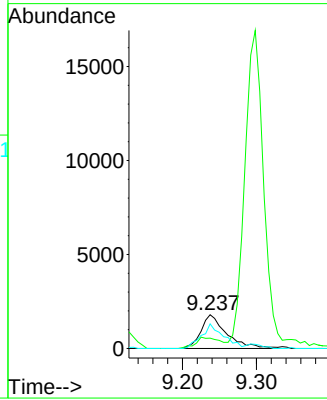
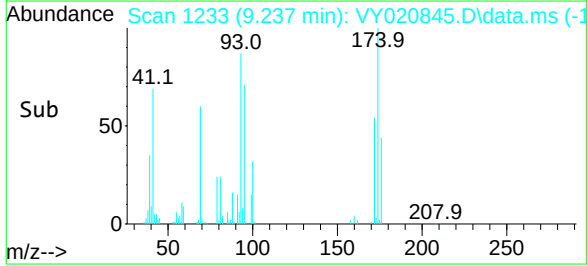
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 88 Resp: 4305
Ion Ratio Lower Upper
88 100
43 30.1 24.4 36.6
58 62.6 51.0 76.6

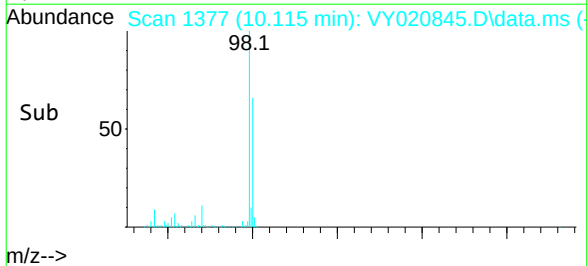
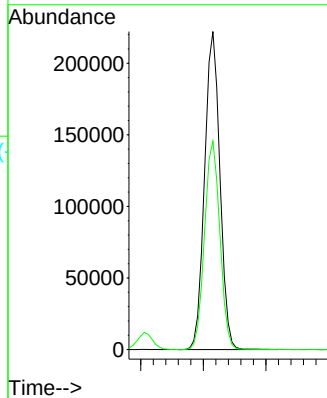
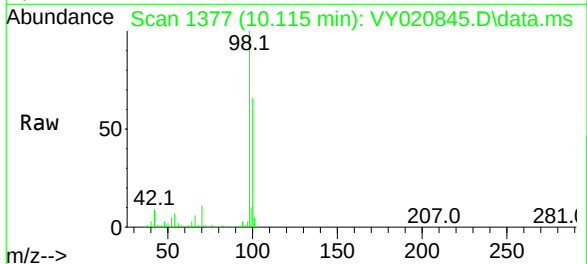
Manual Integrations
APPROVED

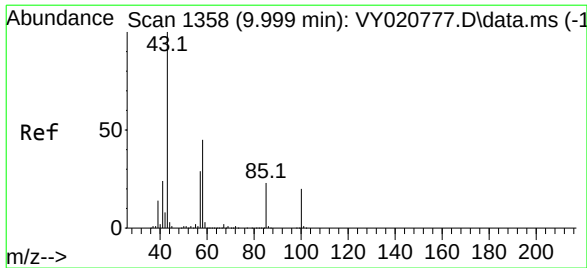
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#50
Toluene-d8
Concen: 53.964 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

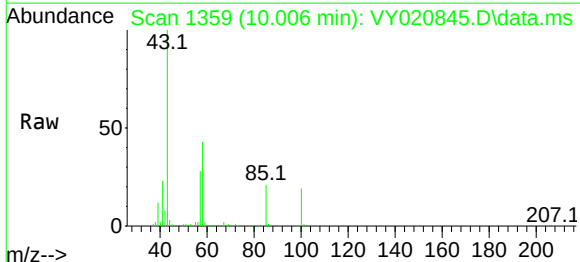
Tgt Ion: 98 Resp: 377611
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 102.766 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

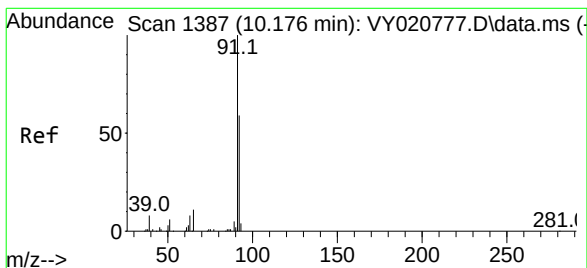
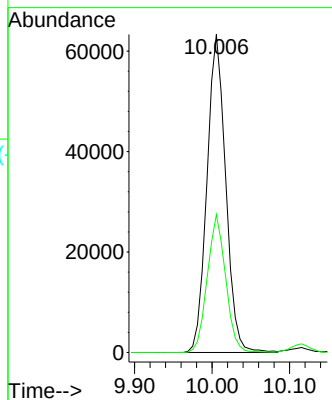
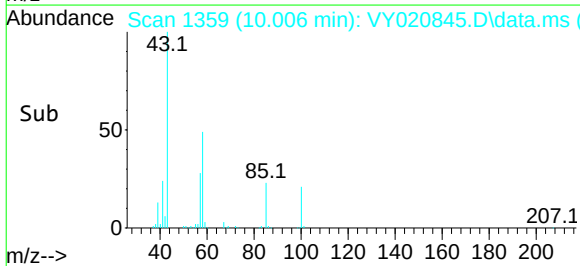
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 43 Resp: 106396
Ion Ratio Lower Upper
43 100
58 42.4 34.8 52.2

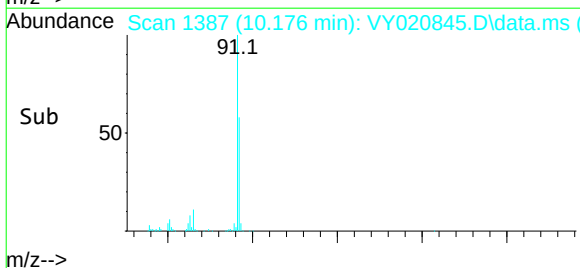
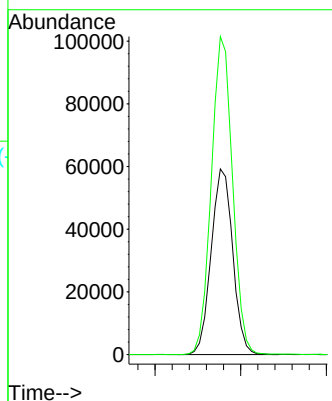
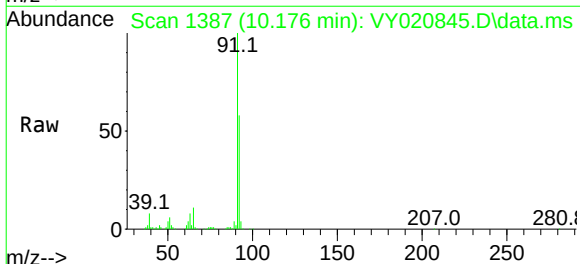
Manual Integrations
APPROVED

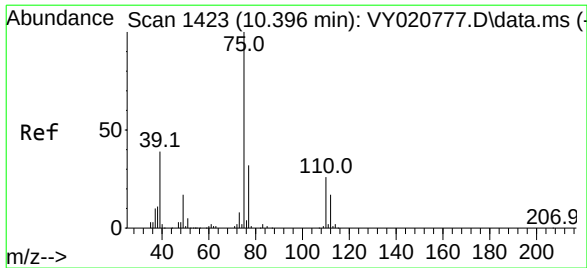
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#52
Toluene
Concen: 19.903 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

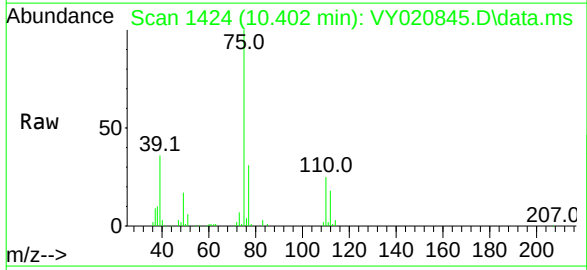
Tgt Ion: 92 Resp: 103567
Ion Ratio Lower Upper
92 100
91 169.0 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 19.339 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

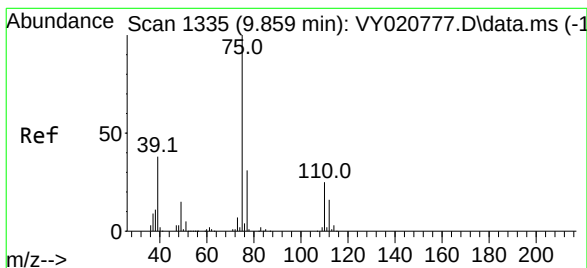
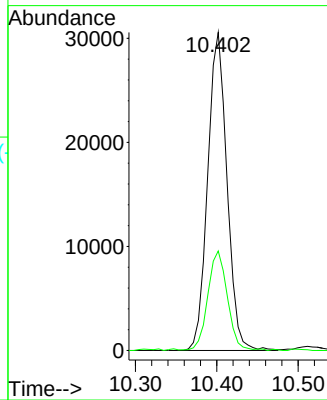
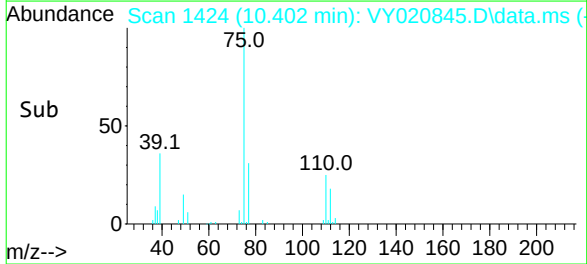
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 75 Resp: 50392
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

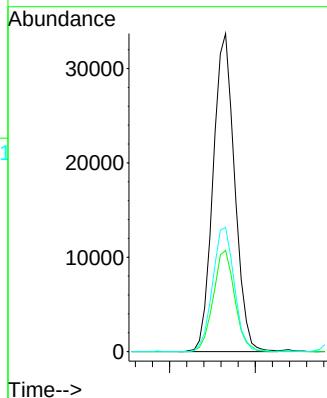
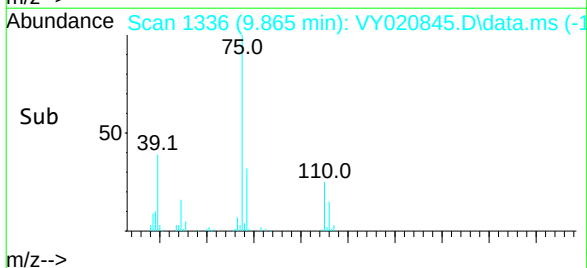
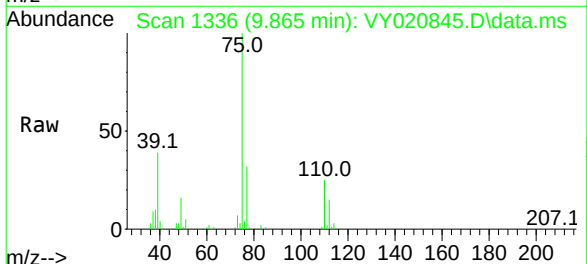
Manual Integrations
APPROVED

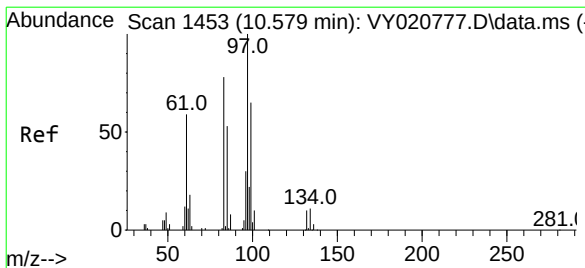
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#54
cis-1,3-Dichloropropene
Concen: 19.480 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

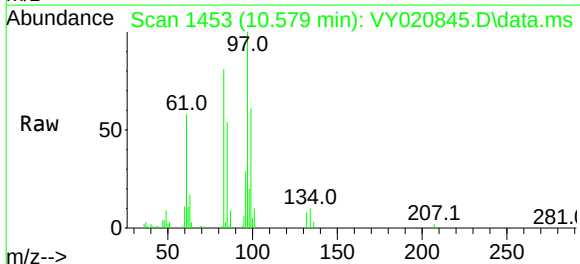
Tgt Ion: 75 Resp: 58951
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 39.0 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 20.119 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

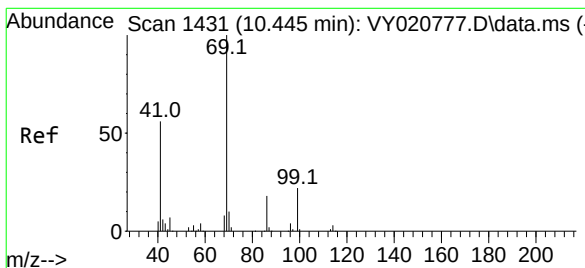
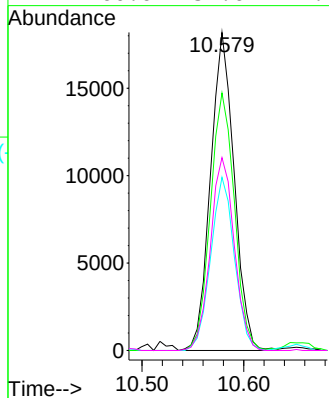
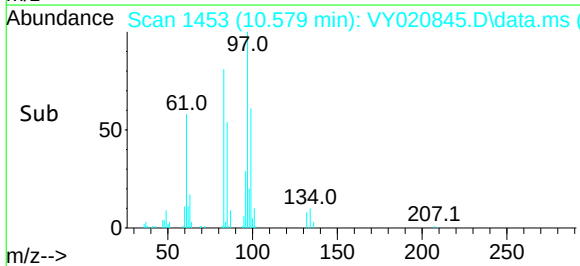
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	62.8	94.2
85	54.4	42.4	63.6
99	60.6	51.6	77.4

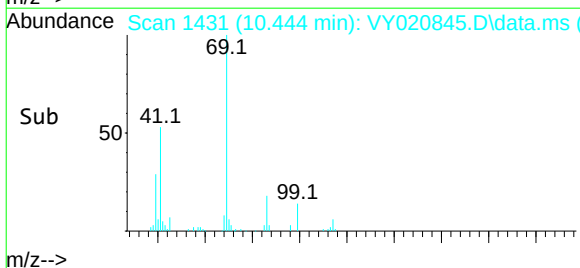
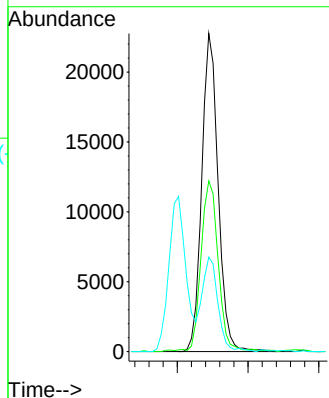
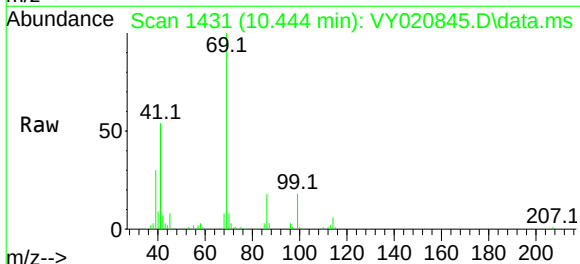
Manual Integrations
APPROVED

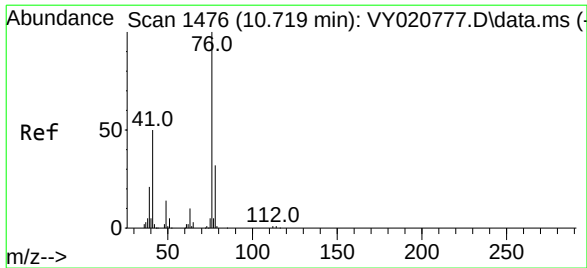
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#56
Ethyl methacrylate
Concen: 19.825 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.9	46.6	69.8
39	28.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.113 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 76 Resp: 47913

Ion Ratio Lower Upper

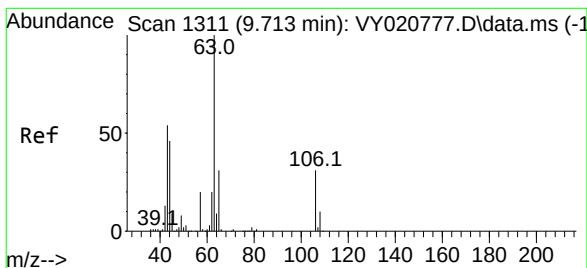
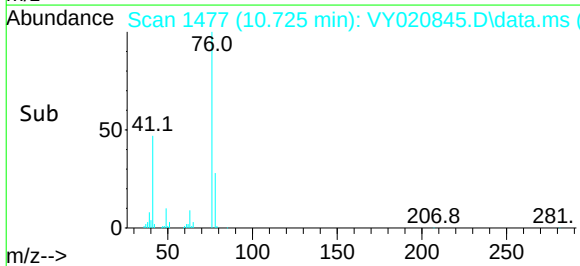
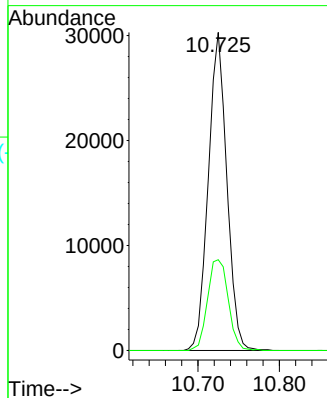
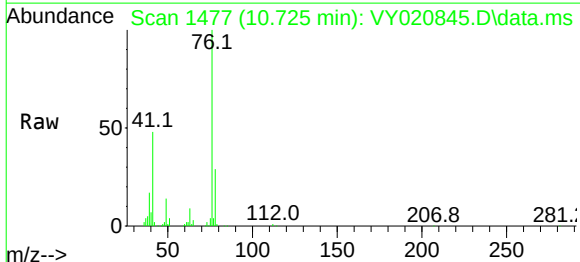
76 100

78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 93.206 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020845.D

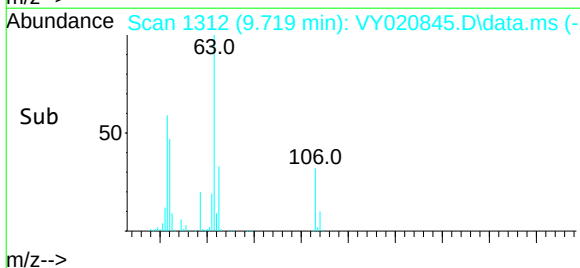
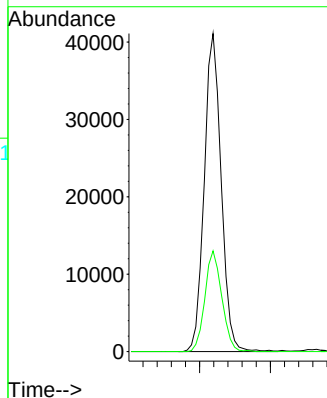
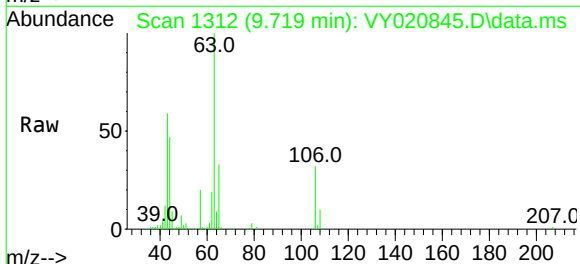
Acq: 17 Jan 2025 10:58

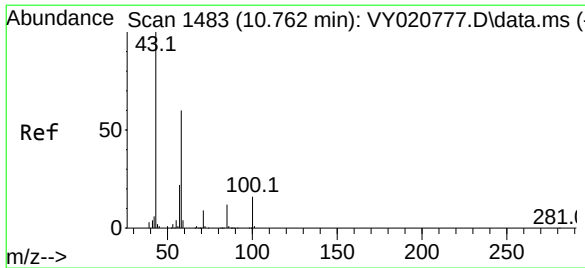
Tgt Ion: 63 Resp: 68244

Ion Ratio Lower Upper

63 100

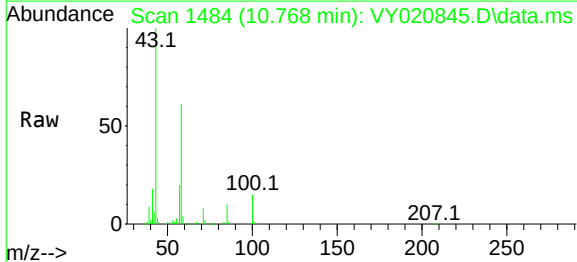
106 31.7 25.9 38.9





#59
2-Hexanone
Concen: 101.361 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

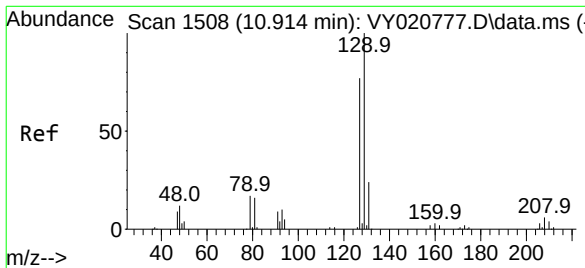
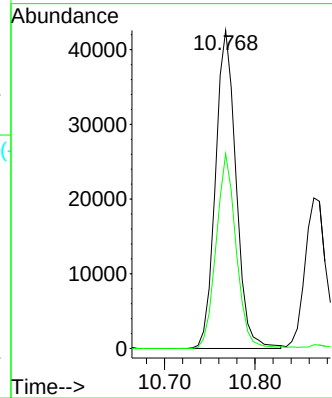
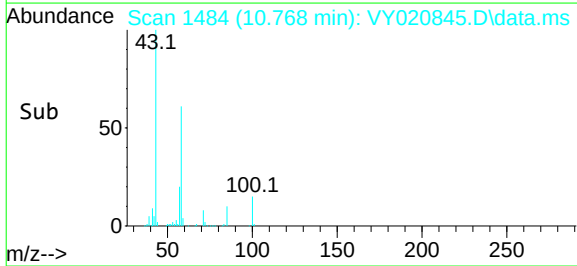
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion: 43 Resp: 67325
Ion Ratio Lower Upper
43 100
58 59.4 30.6 92.0

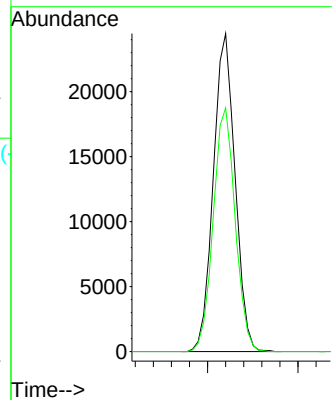
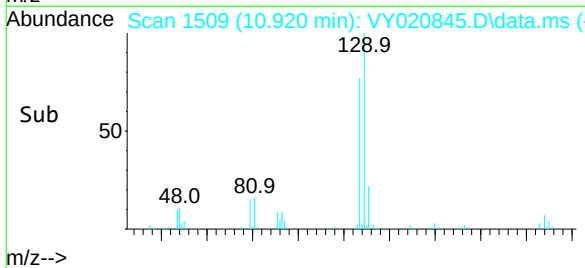
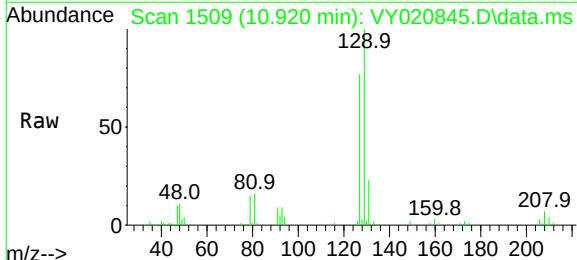
Manual Integrations
APPROVED

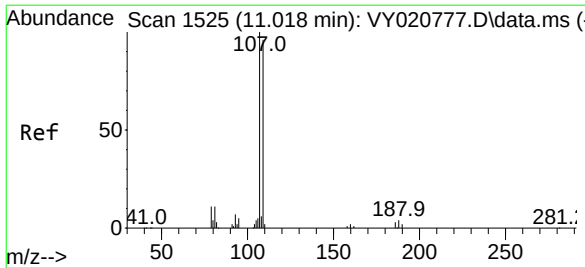
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#60
Dibromochloromethane
Concen: 19.260 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:129 Resp: 40822
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





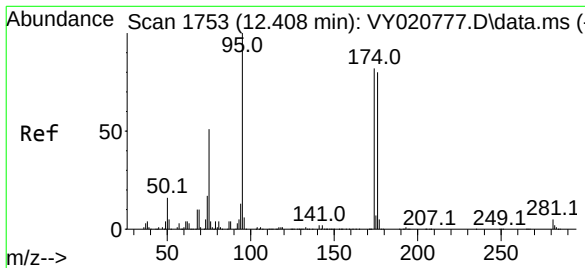
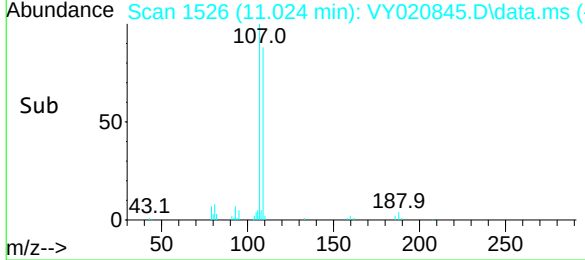
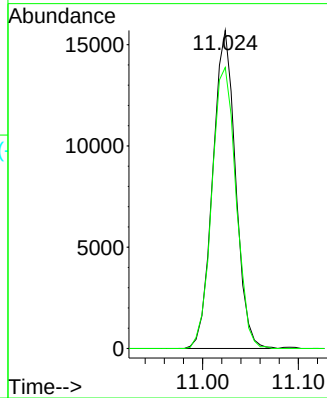
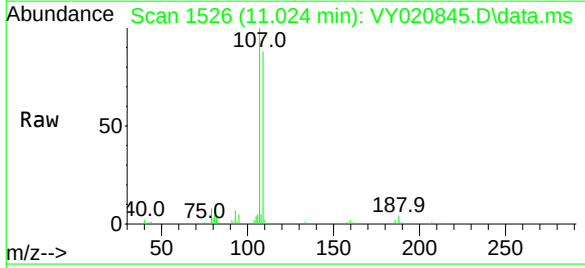
#61
1,2-Dibromoethane
Concen: 19.755 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 107 Resp: 25919
Ion Ratio Lower Upper
107 100
109 93.9 75.5 113.3

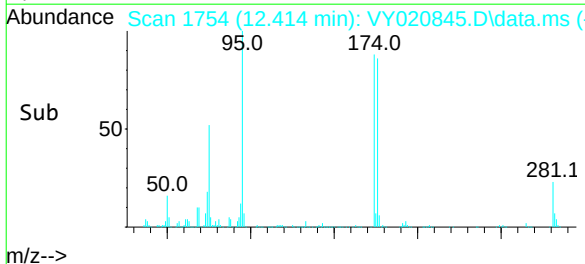
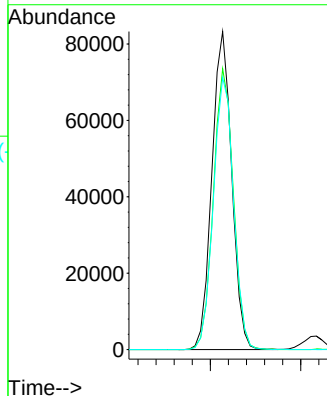
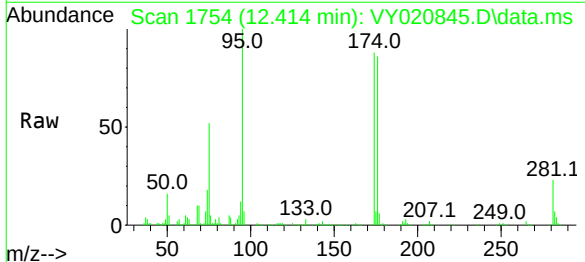
Manual Integrations
APPROVED

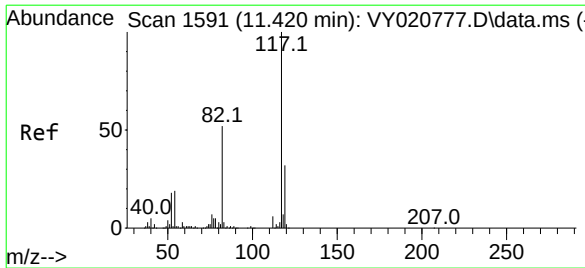
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion: 95 Resp: 126828
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 87.1 0.0 172.0





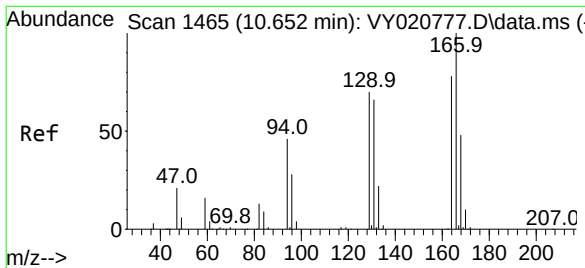
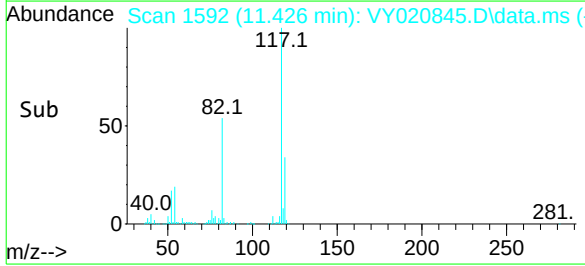
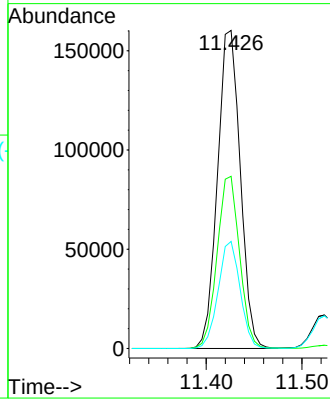
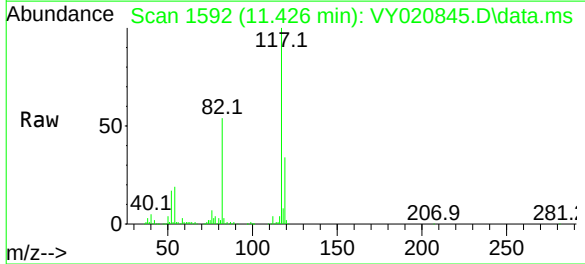
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:117 Resp: 265072
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.6
119 33.7 25.8 38.8

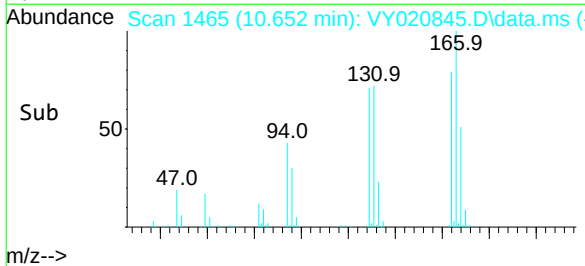
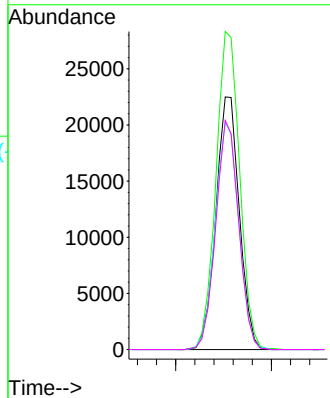
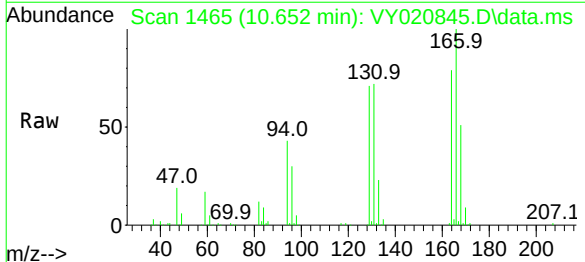
Manual Integrations
APPROVED

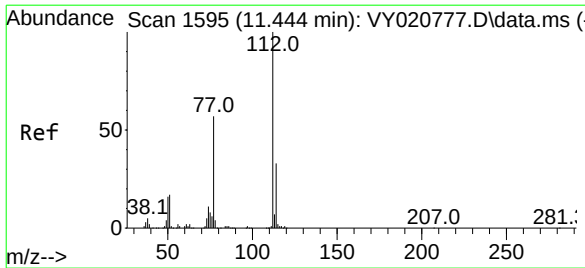
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#64
Tetrachloroethene
Concen: 19.636 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:164 Resp: 38268
Ion Ratio Lower Upper
164 100
166 125.9 102.0 153.0
129 89.9 71.4 107.2
131 90.7 67.8 101.6





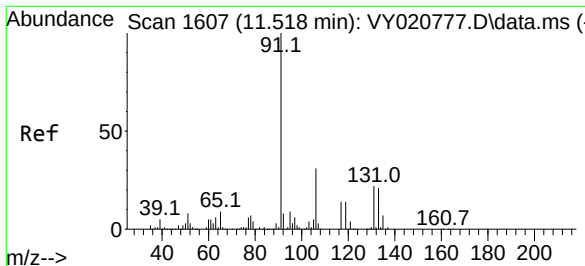
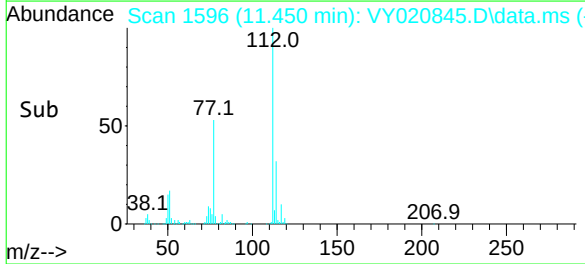
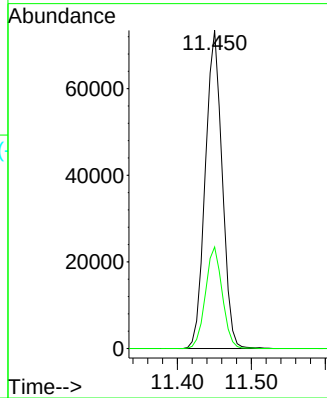
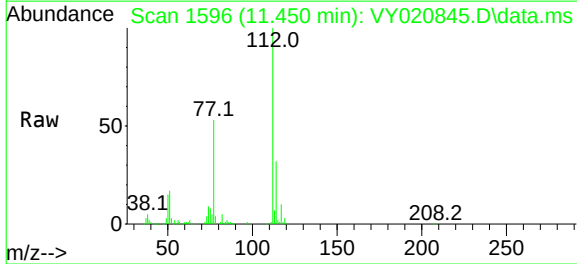
#65
Chlorobenzene
Concen: 19.813 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion:112 Resp: 116118
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

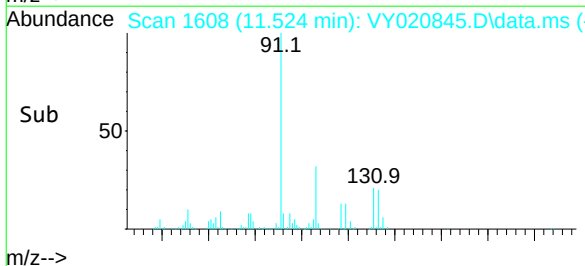
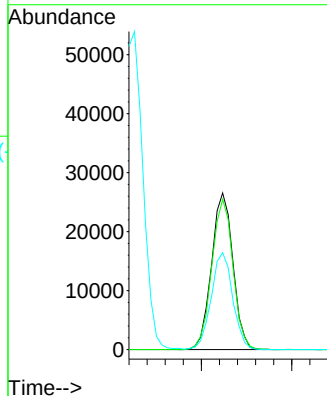
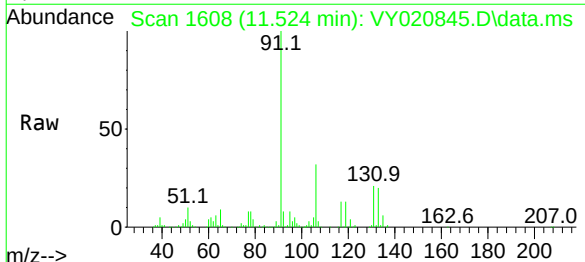
Manual Integrations
APPROVED

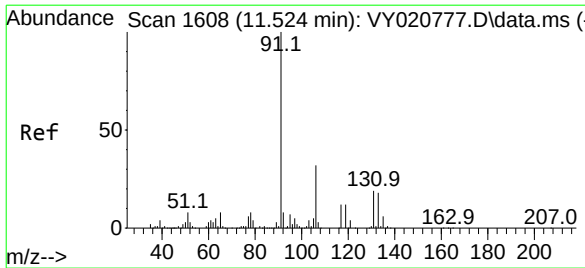
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:131 Resp: 43539
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.8
119 62.3 30.2 90.6





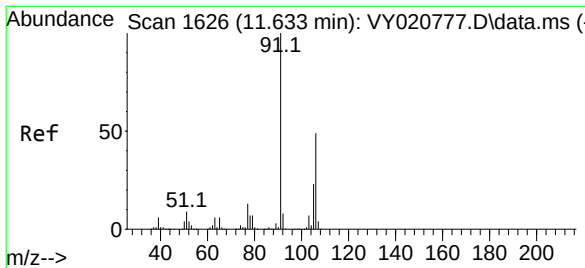
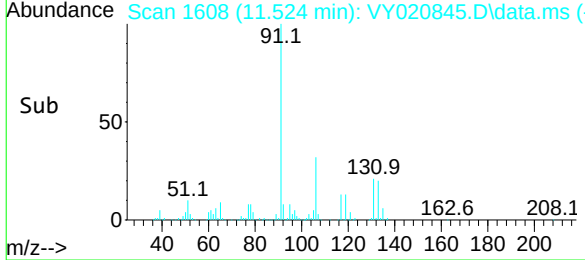
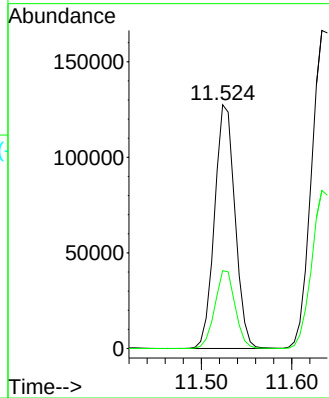
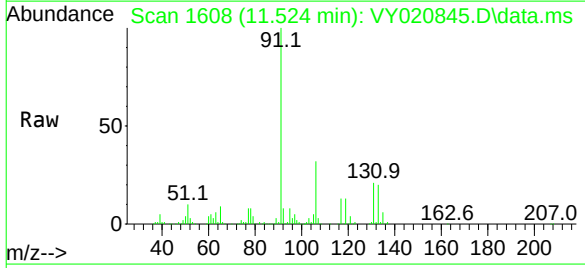
#67
Ethyl Benzene
Concen: 19.776 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion: 91 Resp: 200662
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

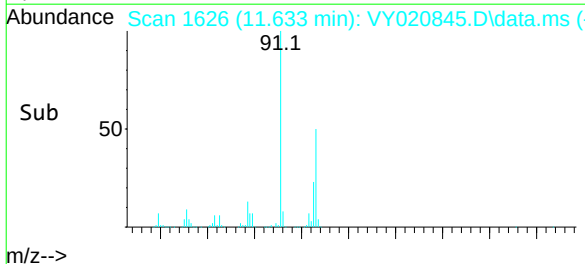
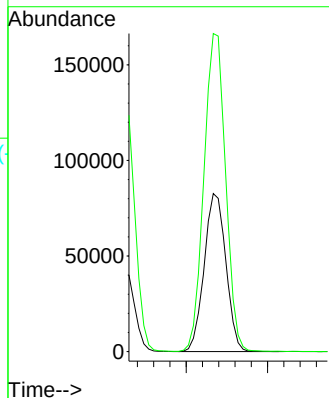
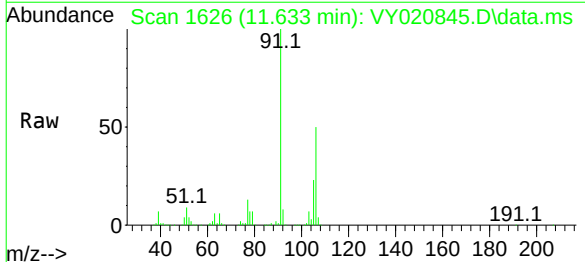
Manual Integrations
APPROVED

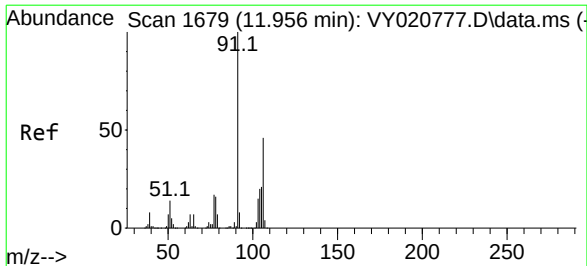
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#68
m/p-Xylenes
Concen: 39.199 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:106 Resp: 153136
Ion Ratio Lower Upper
106 100
91 201.1 162.6 243.8





#69

o-Xylene

Concen: 19.499 ug/l

RT: 11.962 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion:106 Resp: 72226

Ion Ratio Lower Upper

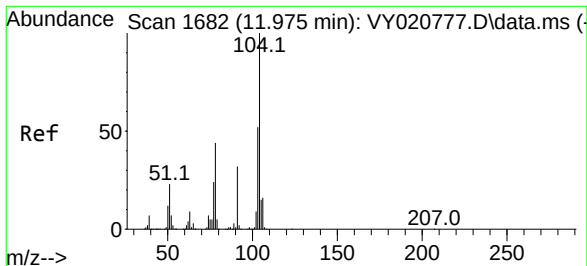
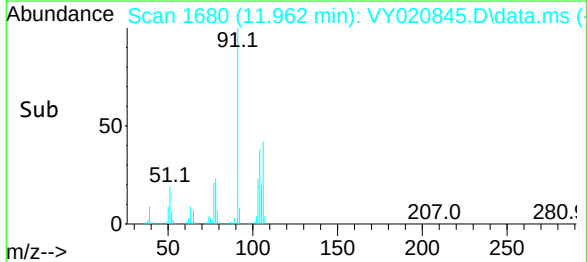
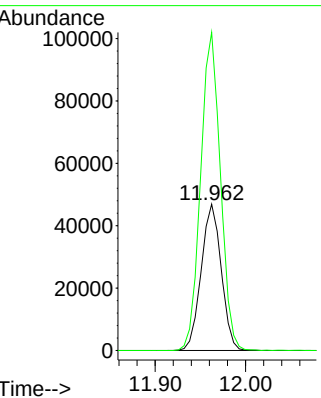
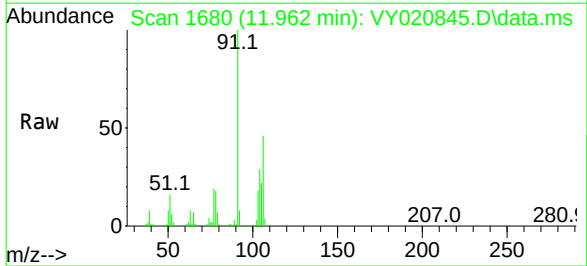
106 100

91 214.5 108.2 324.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#70

Styrene

Concen: 19.680 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

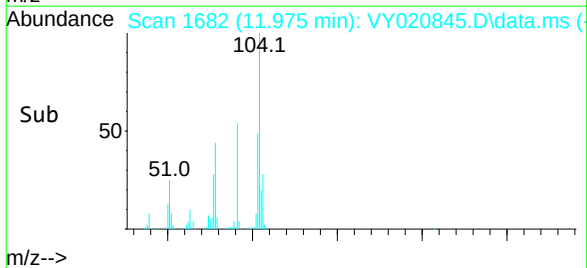
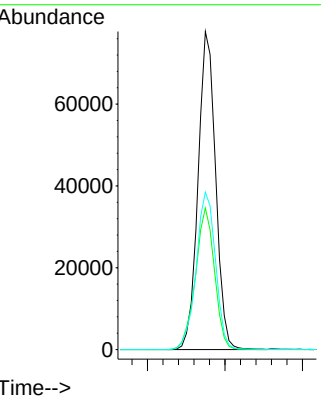
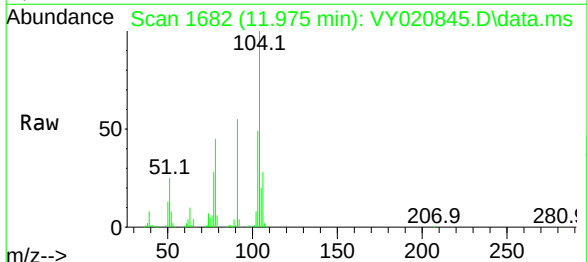
Tgt Ion:104 Resp: 122710

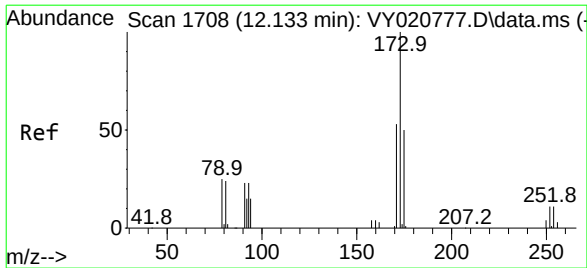
Ion Ratio Lower Upper

104 100

78 48.1 39.4 59.2

103 54.4 44.0 66.0





#71

Bromoform

Concen: 19.460 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

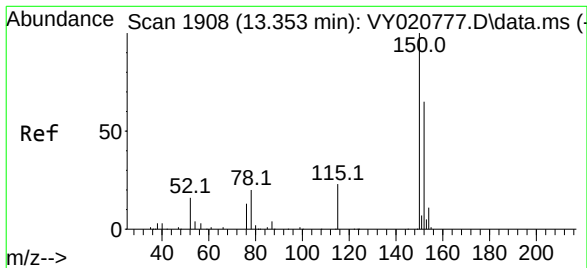
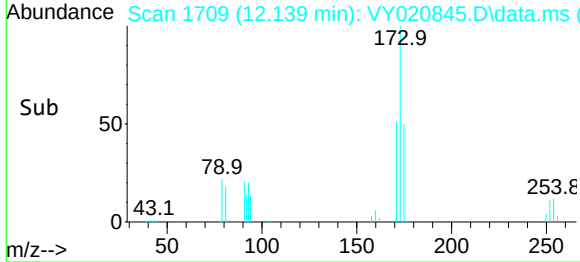
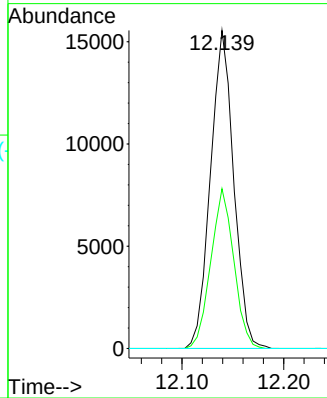
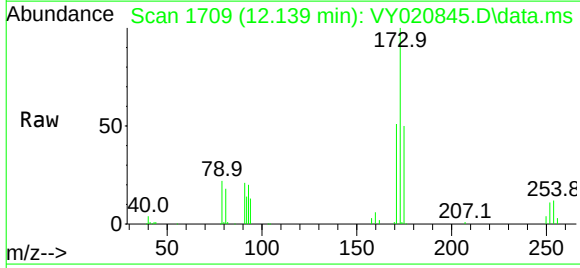
VY0117SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

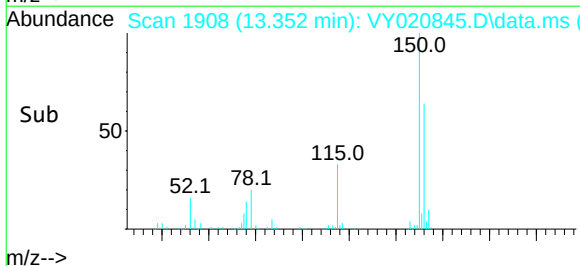
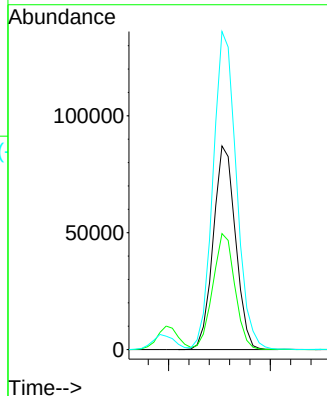
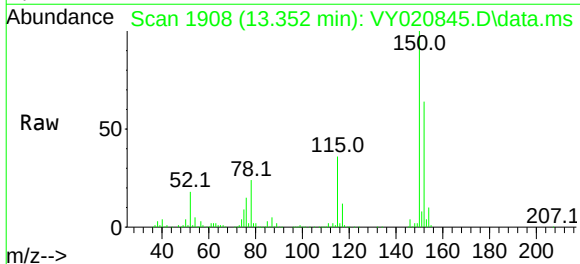
RT: 13.352 min Scan# 1908

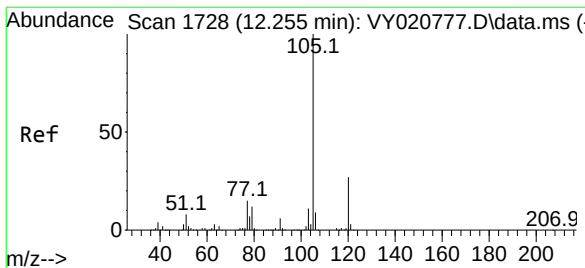
Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.0	87.0
150	163.8	0.0	347.4





#73

Isopropylbenzene

Concen: 19.500 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tgt Ion: 105 Resp: 204929

Ion Ratio Lower Upper

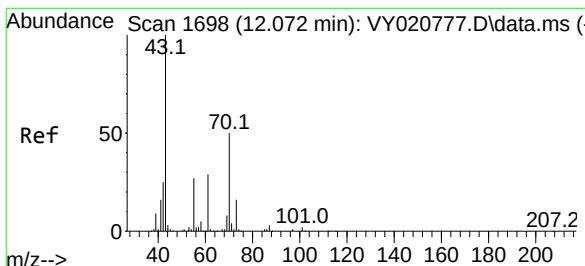
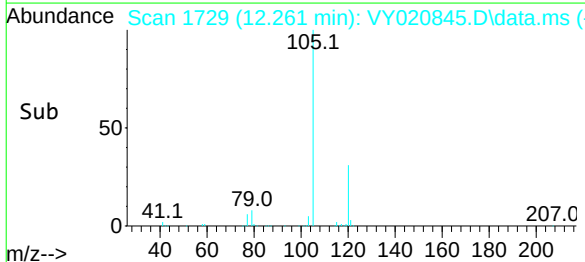
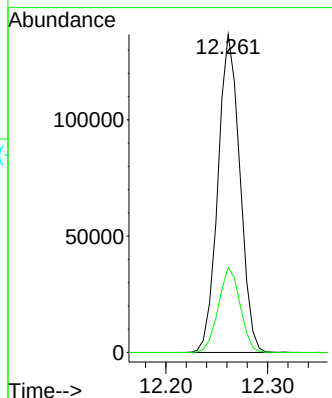
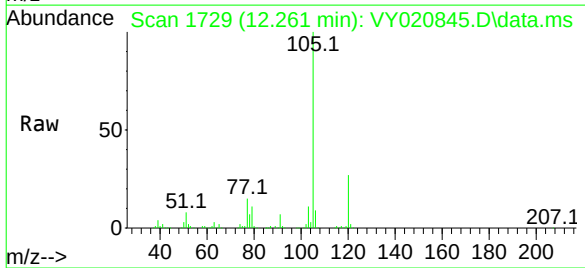
105 100

120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#74

N-ethyl acetate

Concen: 20.374 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion: 43 Resp: 35024

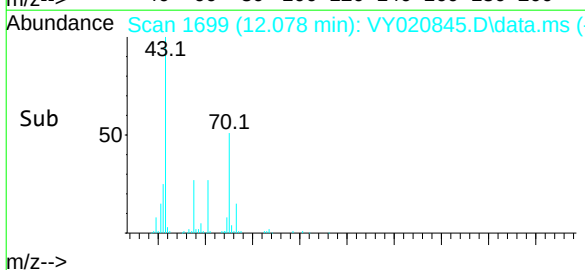
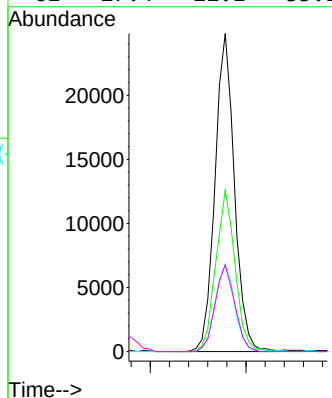
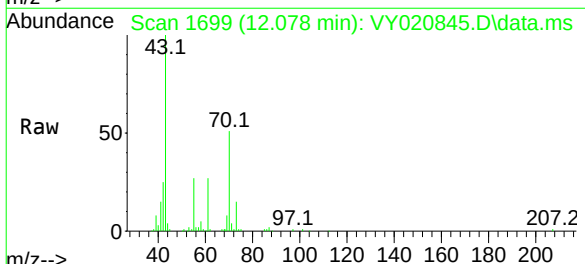
Ion Ratio Lower Upper

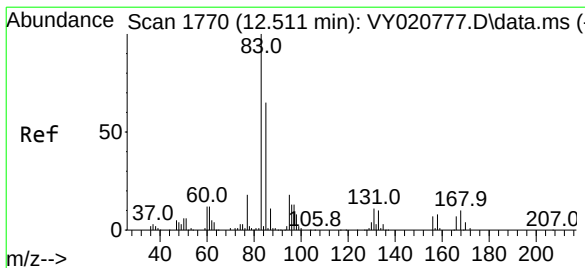
43 100

70 50.5 40.2 60.4

55 28.0 21.2 31.8

61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.925 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

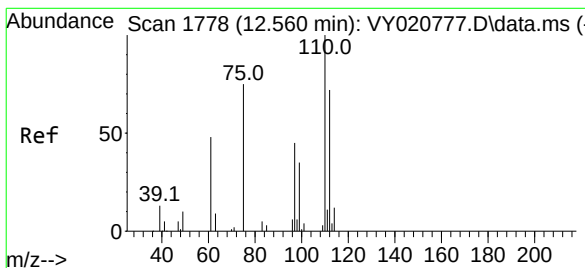
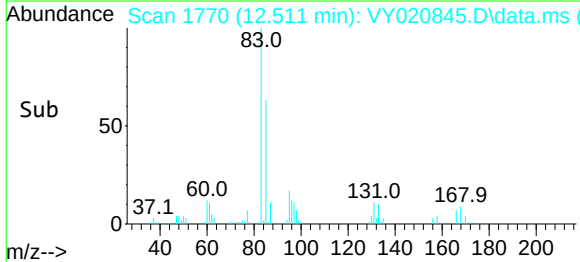
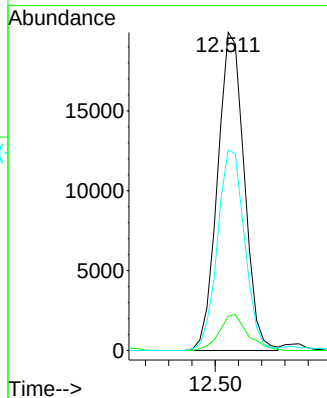
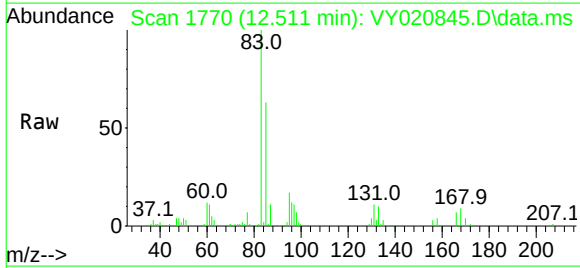
VY0117SBSD01

Tgt Ion:	83	Resp:	31736
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	64.4	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#76

1,2,3-Trichloropropane

Concen: 20.824 ug/l m

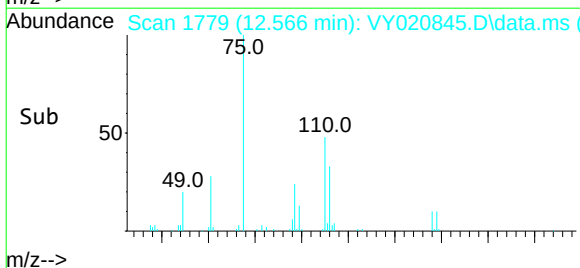
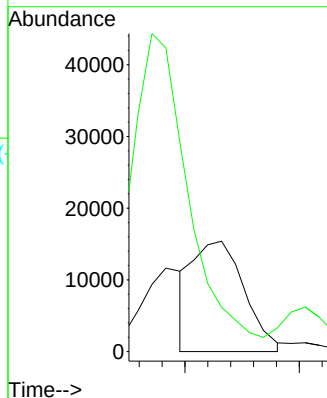
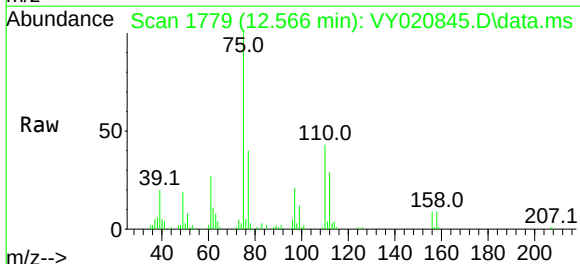
RT: 12.566 min Scan# 1779

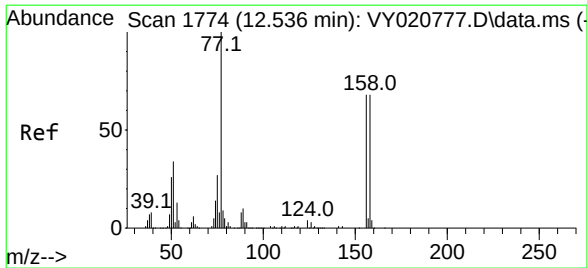
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	75	Resp:	24137
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.490 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

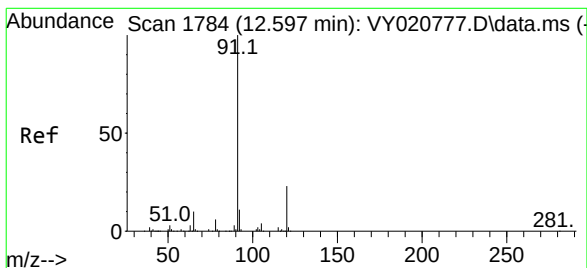
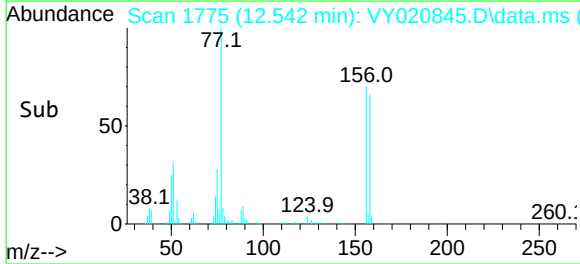
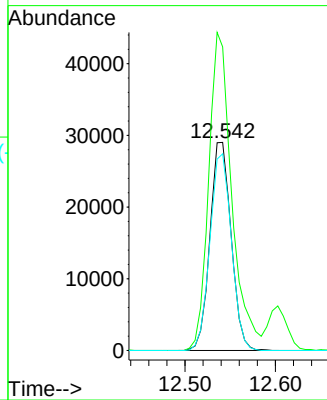
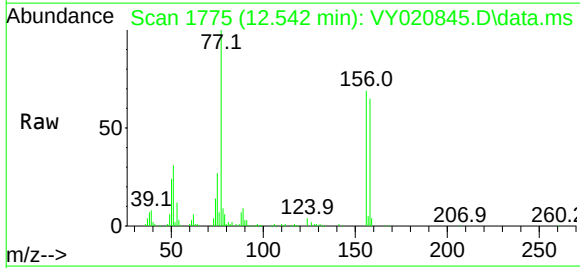
VY0117SBSD01

Tgt Ion:	156	Resp:	47224
Ion Ratio	Lower	Upper	
156	100		
77	166.5	82.3	247.0
158	95.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#78

n-propylbenzene

Concen: 20.016 ug/l

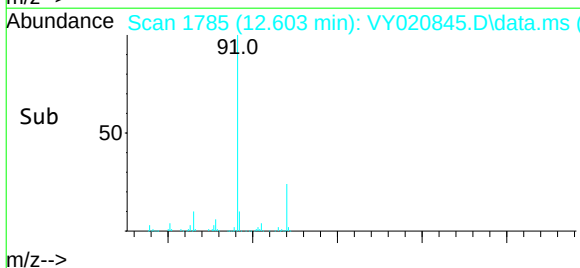
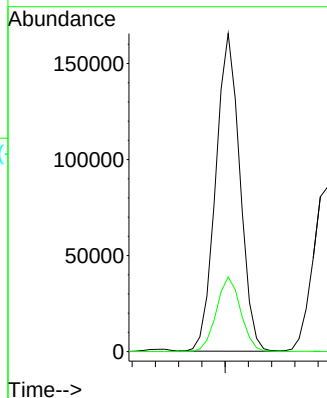
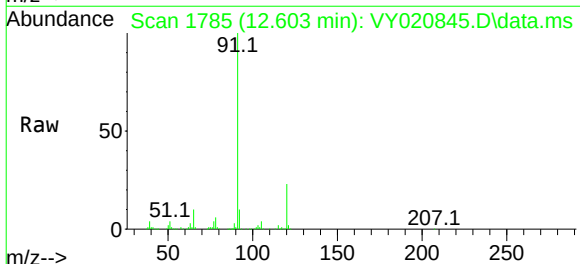
RT: 12.603 min Scan# 1785

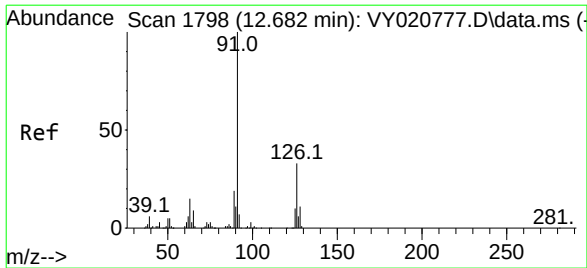
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	91	Resp:	238760
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.1





#79

2-Chlorotoluene

Concen: 19.603 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBSD01

Tgt Ion: 91 Resp: 134655

Ion Ratio Lower Upper

91 100

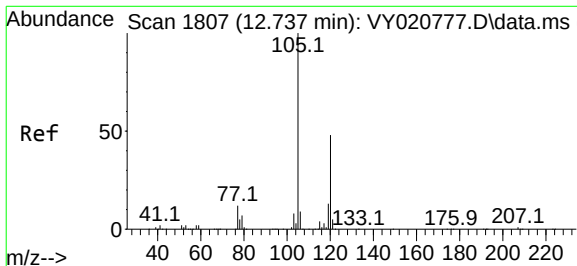
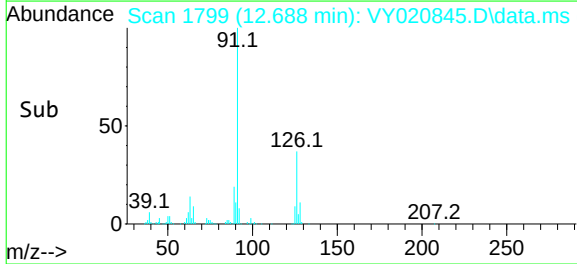
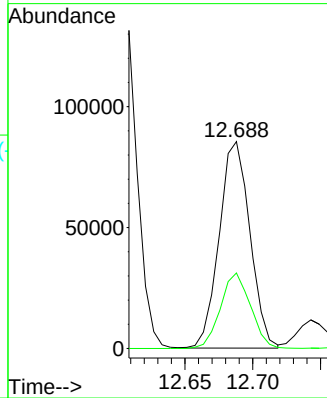
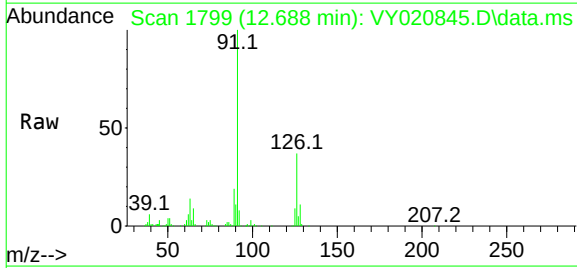
126 35.7 17.5 52.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.485 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020845.D

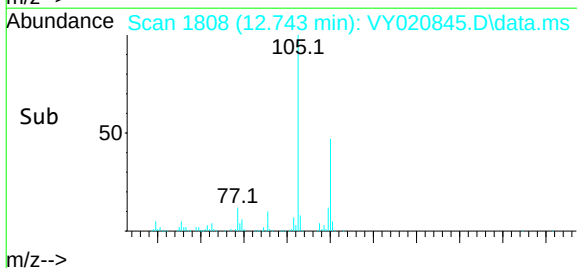
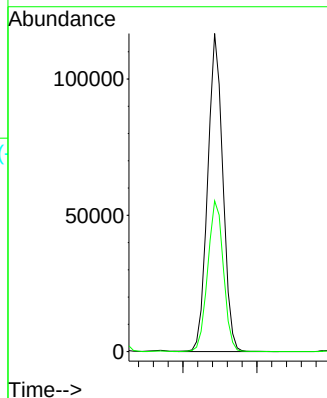
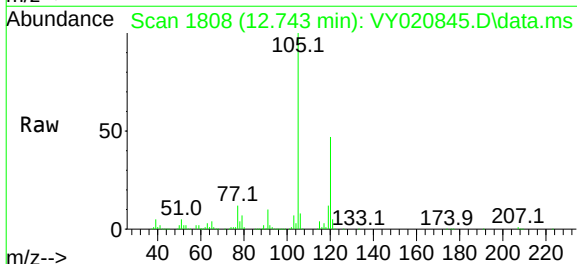
Acq: 17 Jan 2025 10:58

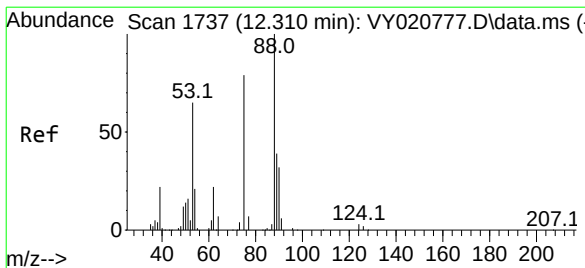
Tgt Ion:105 Resp: 165950

Ion Ratio Lower Upper

105 100

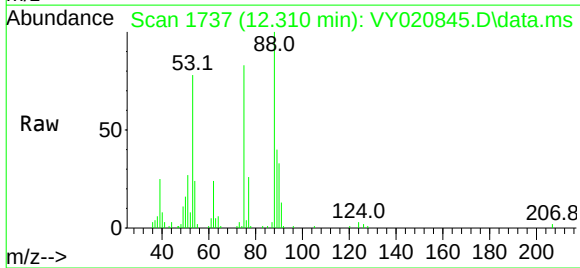
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.039 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

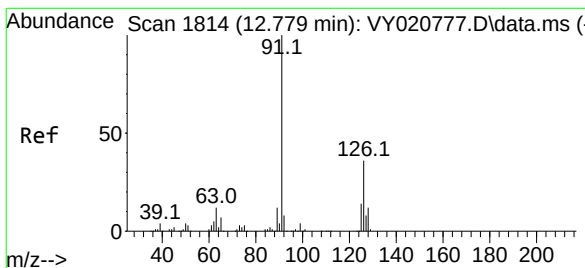
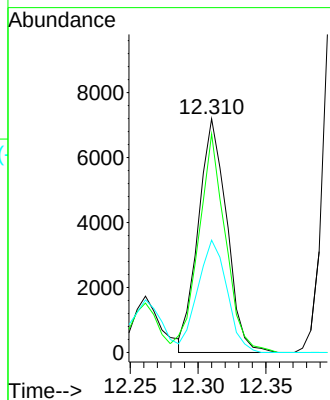
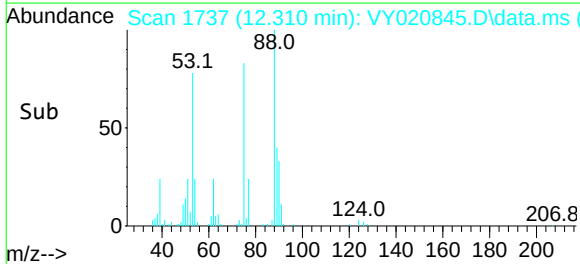
Instrument : MSVOA_Y
ClientSampleId : VY0117SBSD01



Tgt Ion: 75 Resp: 10466
Ion Ratio Lower Upper
75 100
53 89.4 69.4 104.0
89 49.5 39.6 59.4

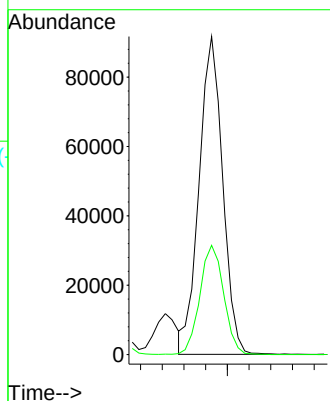
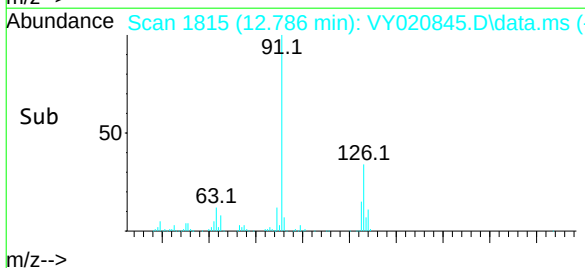
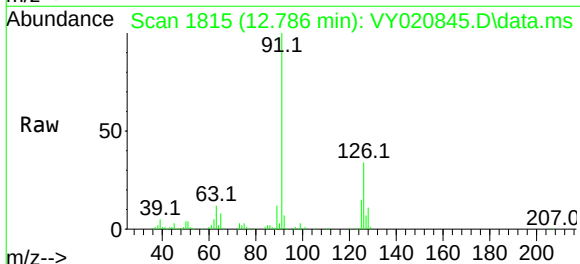
Manual Integrations
APPROVED

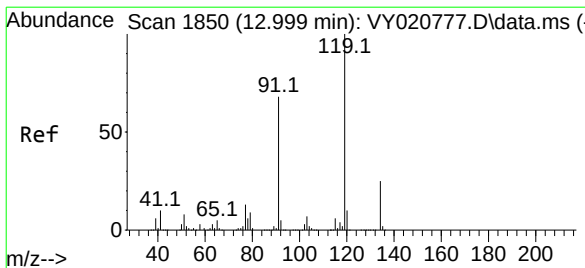
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#82
4-Chlorotoluene
Concen: 19.504 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion: 91 Resp: 138259
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7





#83

tert-Butylbenzene

Concen: 19.474 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

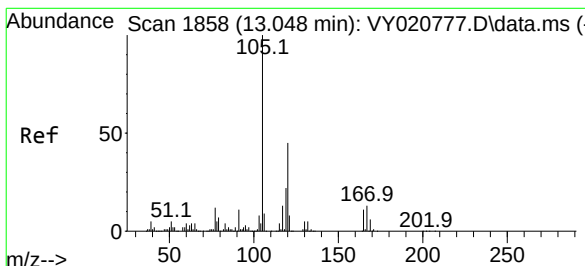
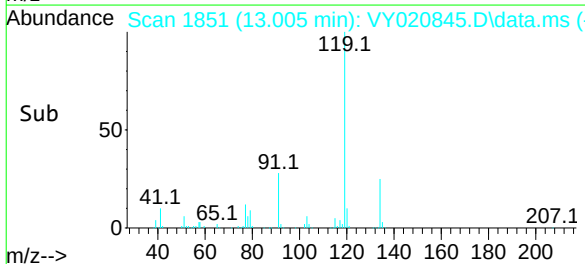
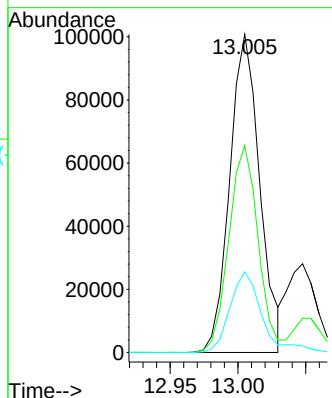
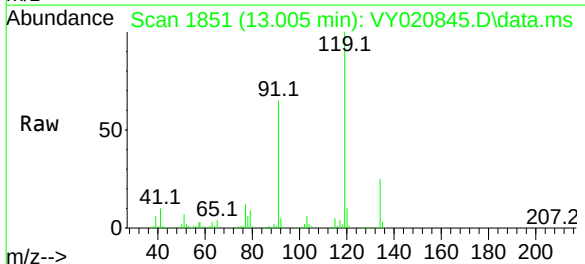
VY0117SBSD01

Tgt Ion:	119	Resp:	155123
Ion Ratio	Lower	Upper	
119	100		
91	63.1	33.0	98.9
134	27.0	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.298 ug/l

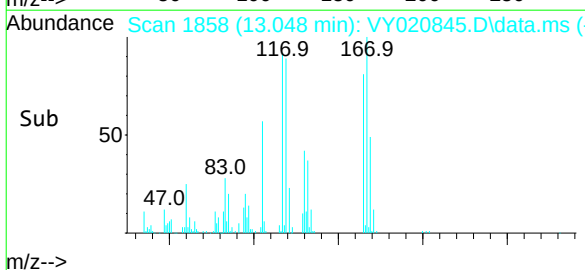
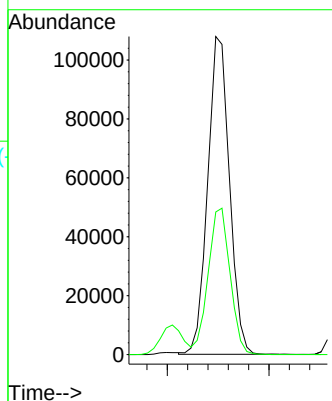
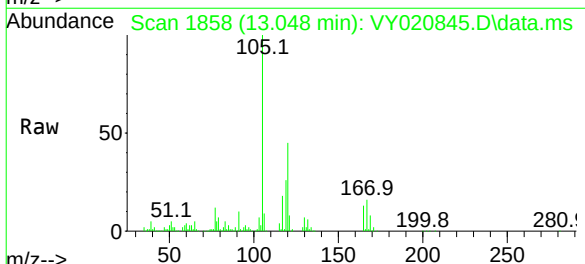
RT: 13.048 min Scan# 1858

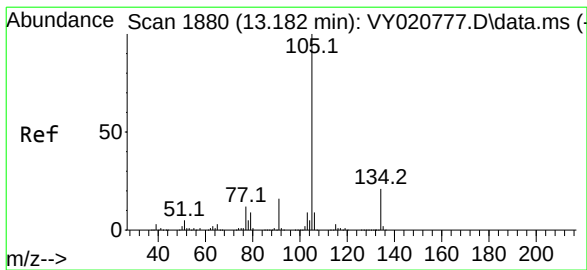
Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

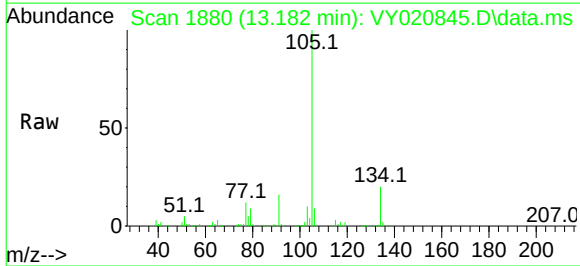
Tgt Ion:	105	Resp:	160495
Ion Ratio	Lower	Upper	
105	100		
120	46.5	22.4	67.2





#85
sec-Butylbenzene
Concen: 20.149 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

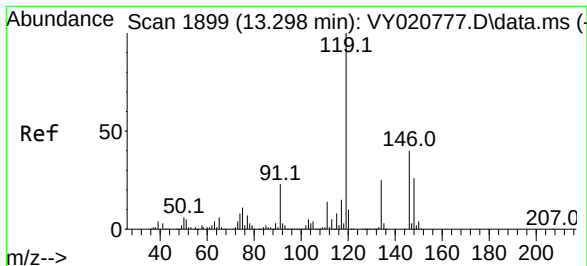
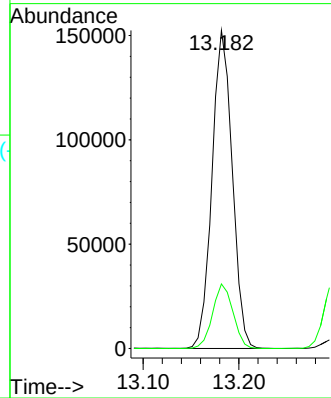
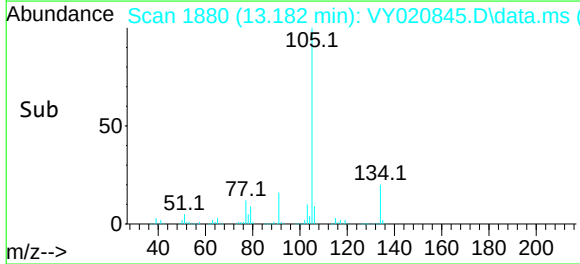
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01



Tgt Ion:105 Resp: 224187
Ion Ratio Lower Upper
105 100
134 20.4 10.5 31.5

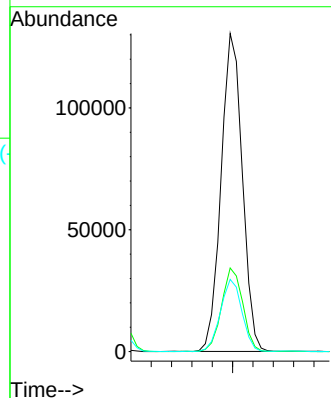
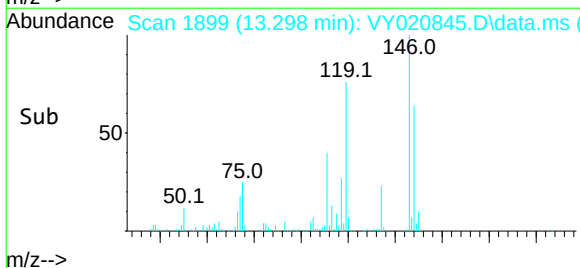
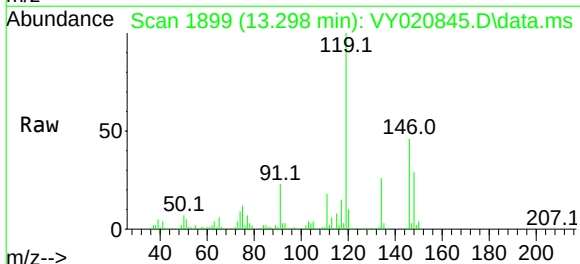
Manual Integrations
APPROVED

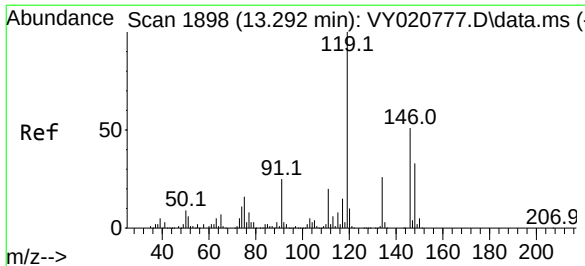
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#86
p-Isopropyltoluene
Concen: 19.936 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion:119 Resp: 189220
Ion Ratio Lower Upper
119 100
134 26.2 13.0 38.9
91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.640 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

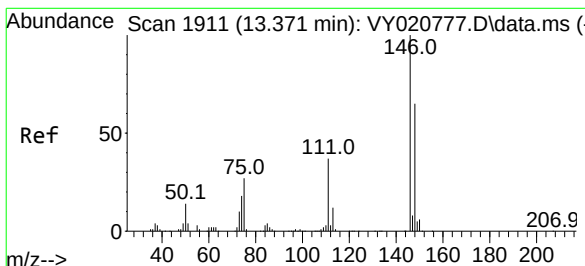
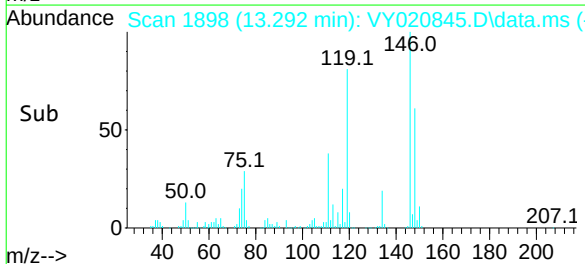
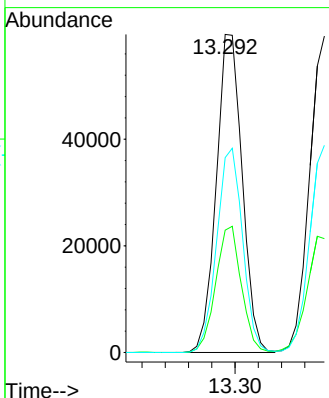
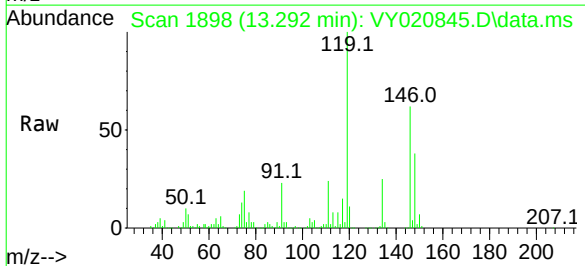
VY0117SBS01

Tgt Ion:	146	Resp:	92463
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.5	58.5
148	64.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#88

1,4-Dichlorobenzene

Concen: 19.536 ug/l

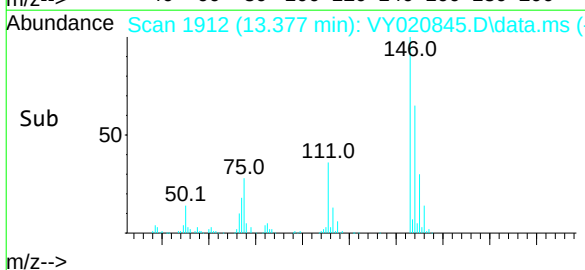
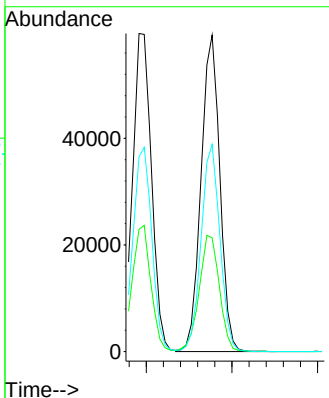
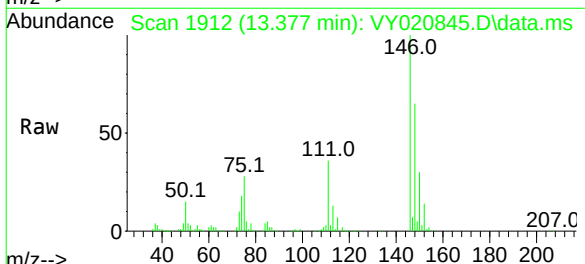
RT: 13.377 min Scan# 1912

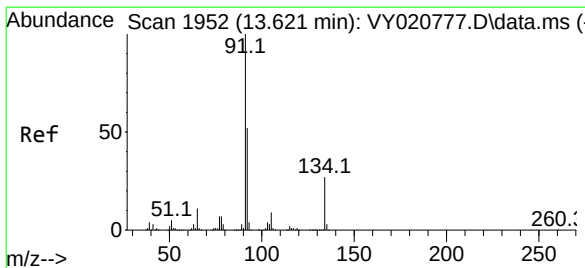
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	146	Resp:	90535
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.1	57.3
148	65.6	32.1	96.5





#89

n-Butylbenzene

Concen: 20.168 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

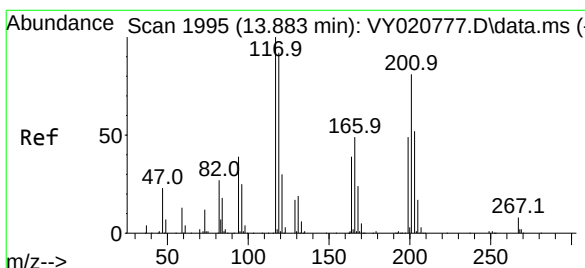
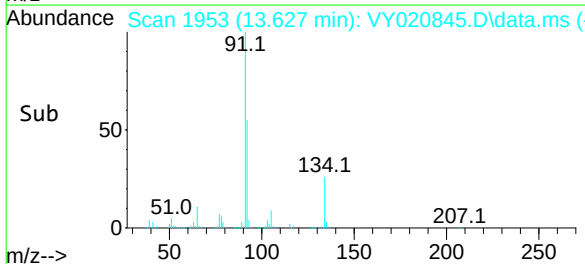
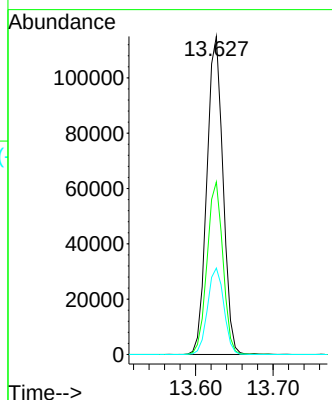
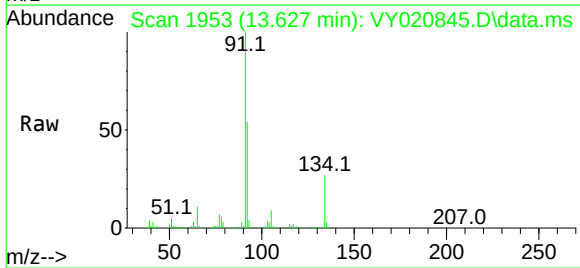
VY0117SBSD01

Tgt Ion:	91	Resp:	166069
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.5	79.4
134	27.5	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#90

Hexachloroethane

Concen: 19.045 ug/l

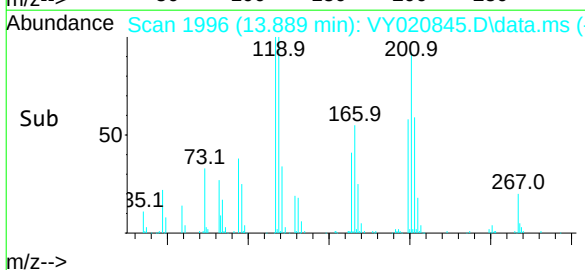
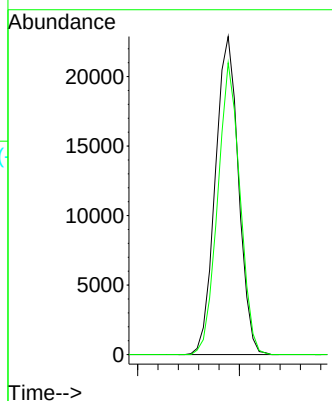
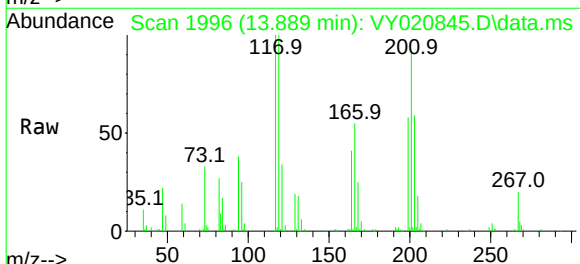
RT: 13.889 min Scan# 1996

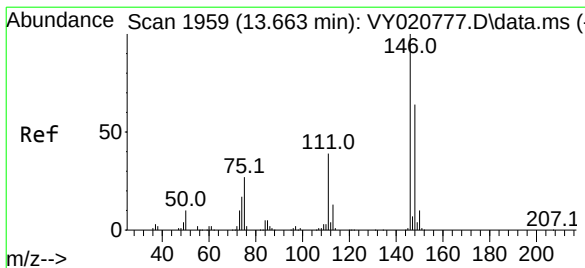
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	117	Resp:	36298
Ion Ratio	Lower	Upper	
117	100		
201	87.9	42.9	128.7





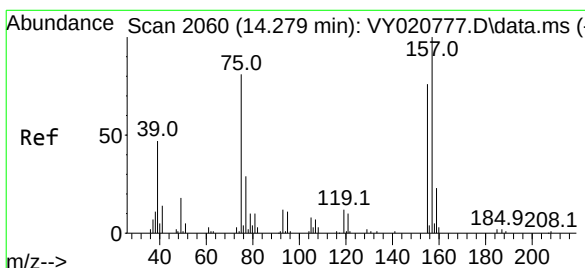
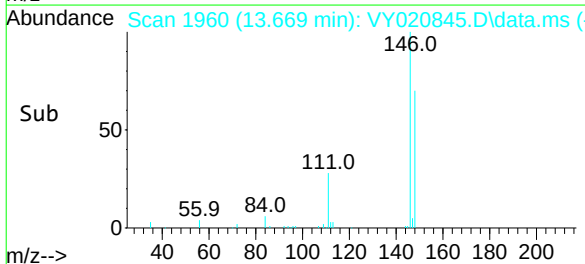
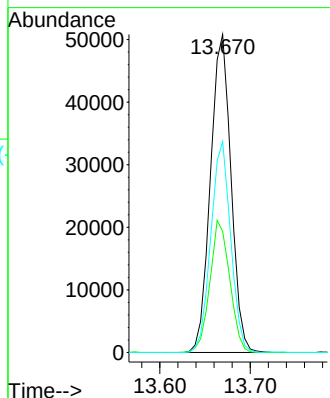
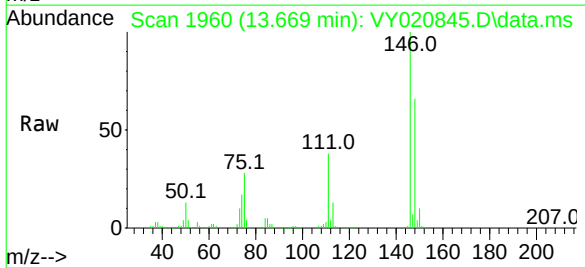
#91
1,2-Dichlorobenzene
Concen: 19.483 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.1	32.0	96.2

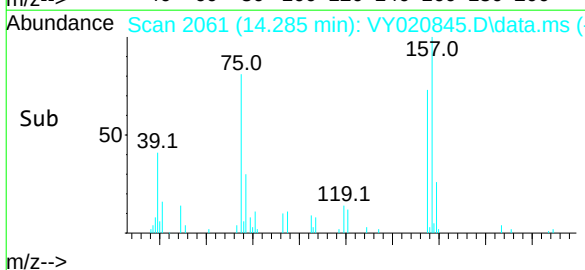
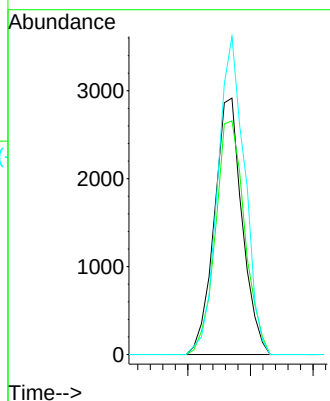
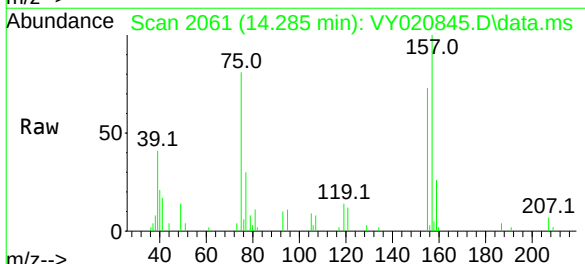
Manual Integrations
APPROVED

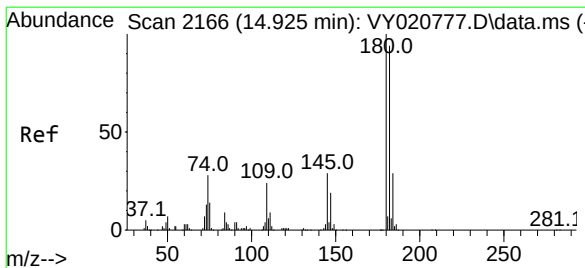
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.508 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020845.D
Acq: 17 Jan 2025 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	45.5	136.5
157	119.7	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.906 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

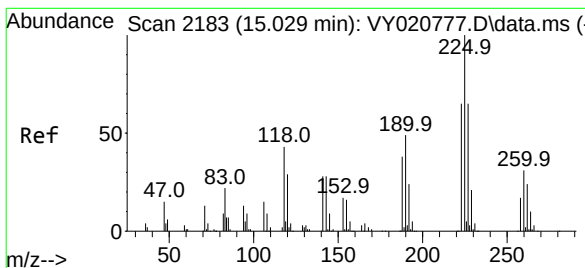
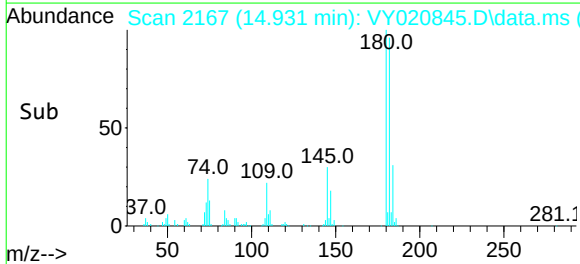
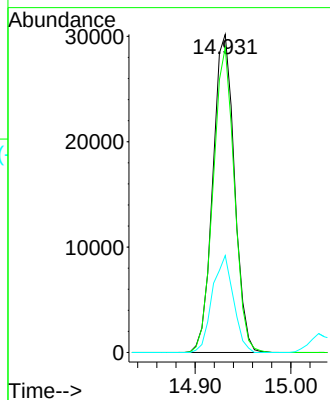
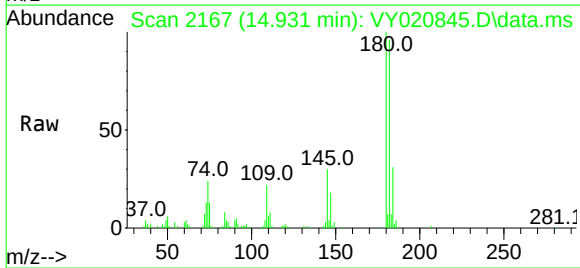
VY0117SBSD01

Tgt Ion:	180	Resp:	47156
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.6	142.9
145	30.0	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#94

Hexachlorobutadiene

Concen: 20.844 ug/l

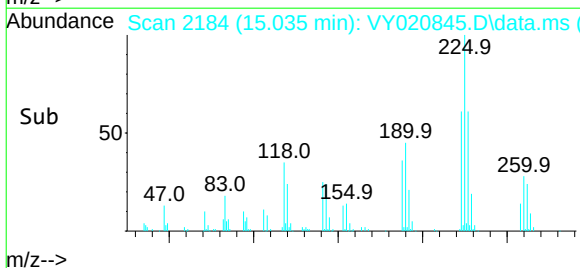
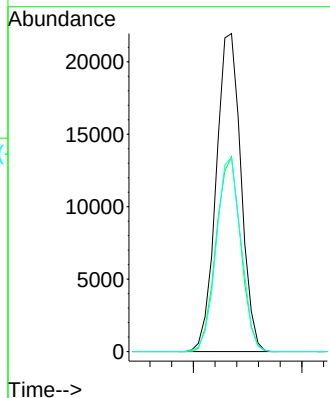
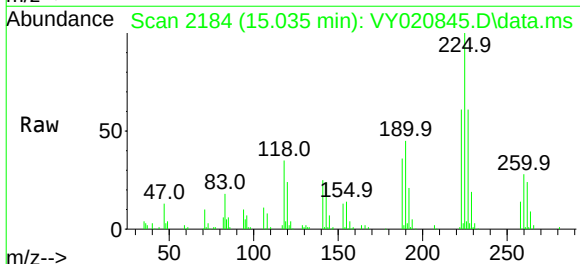
RT: 15.035 min Scan# 2184

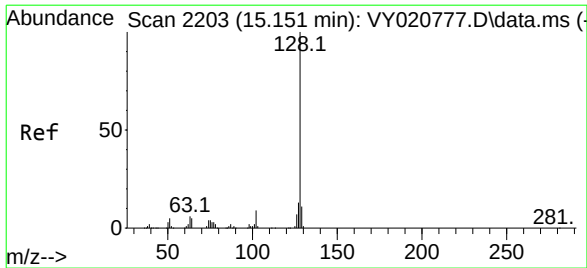
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	225	Resp:	34810
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.6	94.8
227	60.8	32.2	96.6





#95

Naphthalene

Concen: 19.176 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

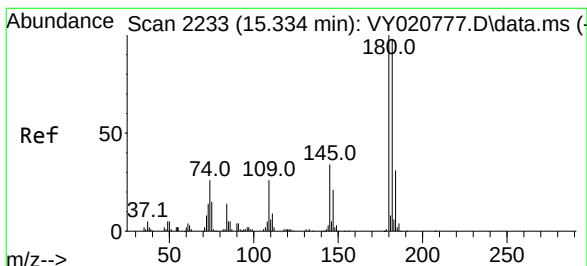
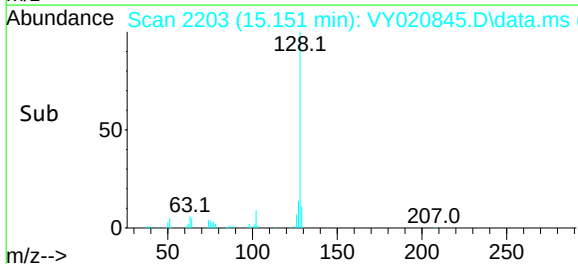
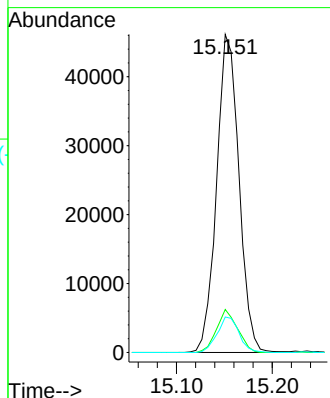
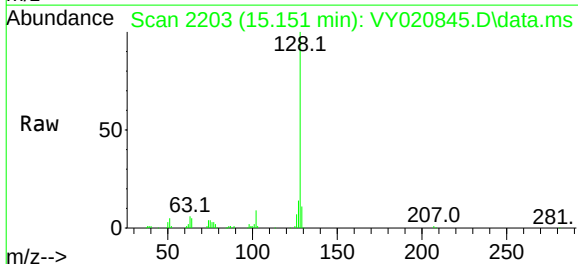
VY0117SBSD01

Tgt Ion:	128	Resp:	74764
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.939 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:	180	Resp:	39572
Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.1	144.3
145	31.2	16.1	48.2

