

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021916.D
 Acq On : 18 Apr 2025 08:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
 Supervised By :Semsettin Yesilyurt 04/21/2025

Quant Time: Apr 19 01:06:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	200417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	296151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	272274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102692	47.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.580%		
35) Dibromofluoromethane	7.634	113	99197	51.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.280%		
50) Toluene-d8	10.109	98	375267	51.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.700%		
62) 4-Bromofluorobenzene	12.408	95	129057	52.207	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85764	41.287	ug/l	97
3) Chloromethane	2.068	50	125679	43.027	ug/l	99
4) Vinyl Chloride	2.202	62	145339	43.998	ug/l	100
5) Bromomethane	2.598	94	96352	42.766	ug/l	98
6) Chloroethane	2.732	64	97440	45.079	ug/l	100
7) Trichlorofluoromethane	3.056	101	192320	45.449	ug/l	100
8) Diethyl Ether	3.458	74	53261	46.283	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	105703	47.362	ug/l	97
10) Methyl Iodide	4.007	142	118265	48.302	ug/l	99
11) Tert butyl alcohol	4.866	59	31243	221.516	ug/l	98
12) 1,1-Dichloroethene	3.787	96	95679	45.514	ug/l	98
13) Acrolein	3.659	56	10457	40.604	ug/l	99
14) Allyl chloride	4.385	41	151712	45.264	ug/l	99
15) Acrylonitrile	5.061	53	118999	247.664	ug/l	100
16) Acetone	3.872	43	95912	215.818	ug/l	96
17) Carbon Disulfide	4.104	76	295868	42.731	ug/l	99
18) Methyl Acetate	4.385	43	70157	63.696	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	253852	48.503	ug/l	100
20) Methylene Chloride	4.622	84	108733	50.000	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	108469	46.864	ug/l	97
22) Diisopropyl ether	6.018	45	348143	49.515	ug/l	98
23) Vinyl Acetate	5.964	43	949021	230.725	ug/l	98
24) 1,1-Dichloroethane	5.915	63	200478	47.685	ug/l	99
25) 2-Butanone	6.896	43	149493	235.511	ug/l	97
26) 2,2-Dichloropropane	6.884	77	178678	47.778	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	125737	48.306	ug/l	99
28) Bromochloromethane	7.250	49	86375	48.714	ug/l	96
29) Tetrahydrofuran	7.262	42	99612	243.834	ug/l	98
30) Chloroform	7.421	83	215644	49.314	ug/l	99
31) Cyclohexane	7.701	56	169568	44.245	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	190860	48.292	ug/l	100
36) 1,1-Dichloropropene	7.835	75	148583	50.778	ug/l	99
37) Ethyl Acetate	6.988	43	69470	50.306	ug/l	100
38) Carbon Tetrachloride	7.823	117	174082	51.943	ug/l	98
39) Methylcyclohexane	9.109	83	175812	50.296	ug/l	96
40) Benzene	8.079	78	450143	51.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	40085	54.658	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	129561	52.445	ug/l	99
43) Isopropyl Acetate	8.195	43	131106	50.098	ug/l	98
44) Trichloroethene	8.865	130	115521	51.740	ug/l	99
45) 1,2-Dichloropropane	9.140	63	108388	52.254	ug/l	100
46) Dibromomethane	9.231	93	63326	52.973	ug/l	97
47) Bromodichloromethane	9.426	83	164226	53.017	ug/l	100
48) Methyl methacrylate	9.219	41	63040	52.485	ug/l	100
49) 1,4-Dioxane	9.231	88	12673	989.598	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	375573	275.774	ug/l	100
52) Toluene	10.170	92	293255	53.638	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	144527	52.529	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	166351	51.250	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	83898	54.536	ug/l	97
56) Ethyl methacrylate	10.438	69	110214	56.107	ug/l	97
57) 1,3-Dichloropropane	10.719	76	141636	53.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	292076	304.794	ug/l	100
59) 2-Hexanone	10.761	43	251472	277.258	ug/l	100
60) Dibromochloromethane	10.914	129	114110	54.328	ug/l	98
61) 1,2-Dibromoethane	11.018	107	78696	54.532	ug/l	100
64) Tetrachloroethene	10.646	164	136538	55.060	ug/l	98
65) Chlorobenzene	11.444	112	317421	50.857	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	116126	52.440	ug/l	100
67) Ethyl Benzene	11.524	91	563470	52.648	ug/l	99
68) m/p-Xylenes	11.633	106	436849	106.592	ug/l	99
69) o-Xylene	11.956	106	200484	52.995	ug/l	100
70) Styrene	11.969	104	344739	54.654	ug/l	98
71) Bromoform	12.133	173	68672	54.365	ug/l #	99
73) Isopropylbenzene	12.255	105	535021	49.836	ug/l	99
74) N-amyl acetate	12.072	43	120260	47.731	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	90952	47.122	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	75750m	52.870	ug/l	
77) Bromobenzene	12.536	156	129787	50.352	ug/l	97
78) n-propylbenzene	12.596	91	655431	50.782	ug/l	99
79) 2-Chlorotoluene	12.682	91	371574	49.566	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	443579	50.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29283	47.093	ug/l	99
82) 4-Chlorotoluene	12.779	91	393675	50.372	ug/l	99
83) tert-Butylbenzene	12.999	119	388318	49.688	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	449752	51.863	ug/l	100
85) sec-Butylbenzene	13.176	105	583835	51.120	ug/l	100
86) p-Isopropyltoluene	13.291	119	492874	52.214	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	255004	50.214	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	253871	50.598	ug/l	99
89) n-Butylbenzene	13.621	91	449605	51.503	ug/l	100
90) Hexachloroethane	13.883	117	102465	49.535	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	225148	50.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15248	50.970	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	126155	52.622	ug/l	99
94) Hexachlorobutadiene	15.023	225	76415	51.037	ug/l	99
95) Naphthalene	15.145	128	215723	54.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	109156	53.394	ug/l	99

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

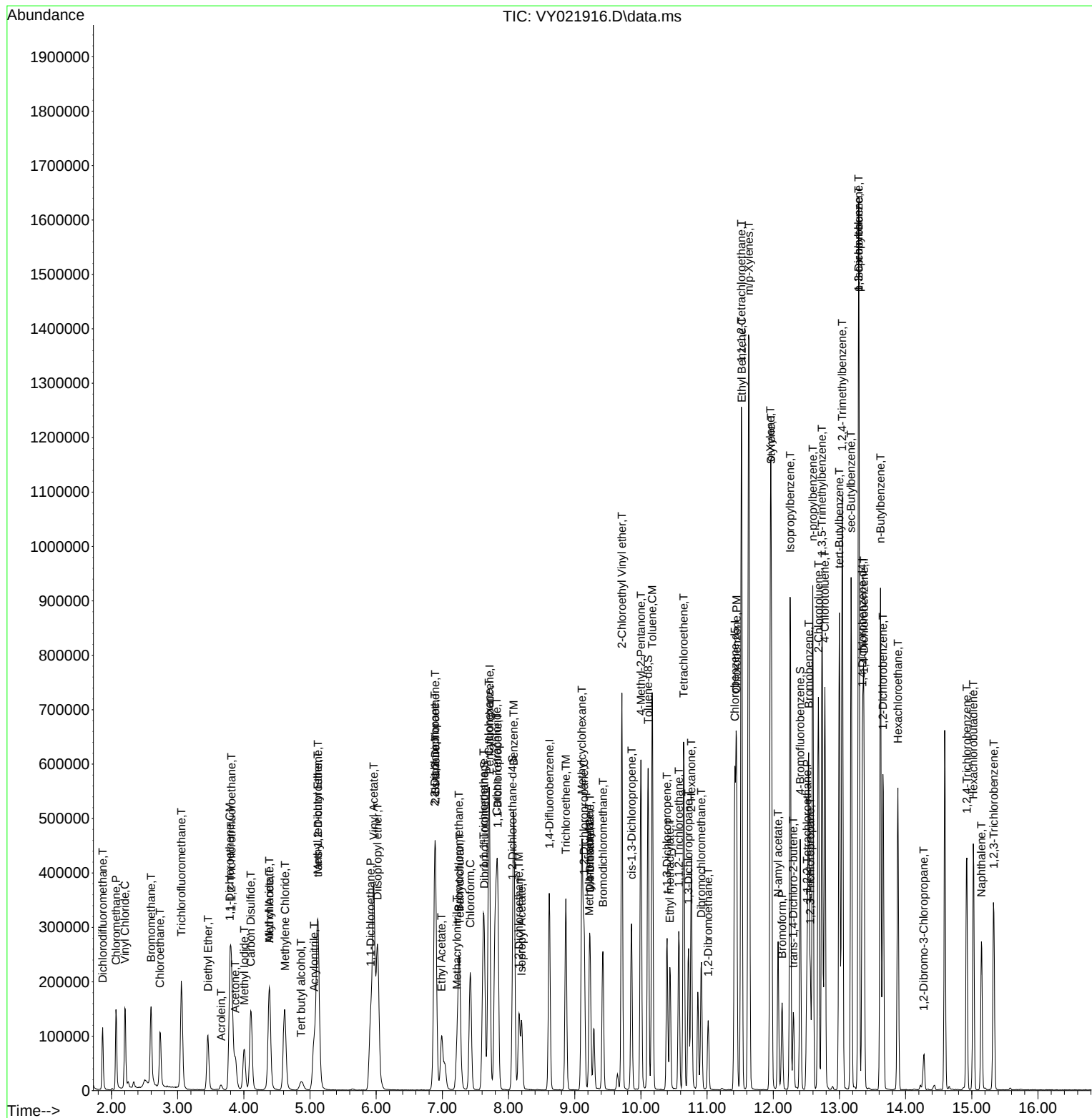
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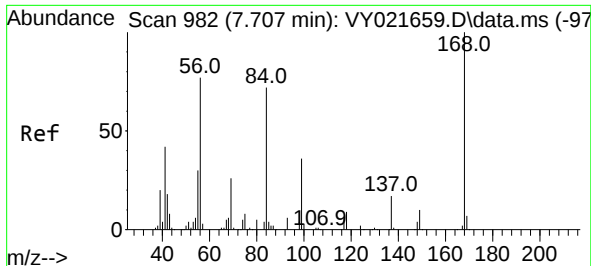
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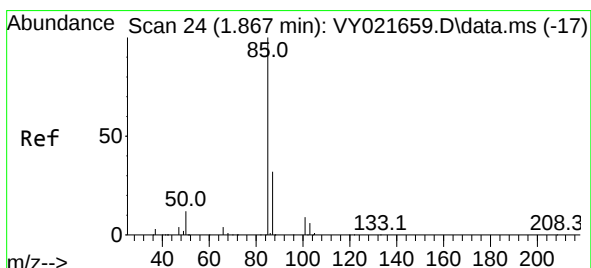
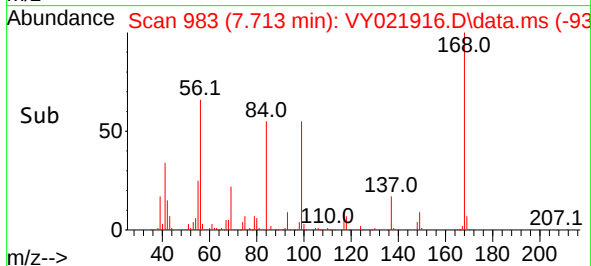
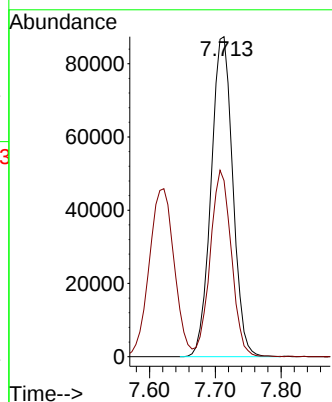
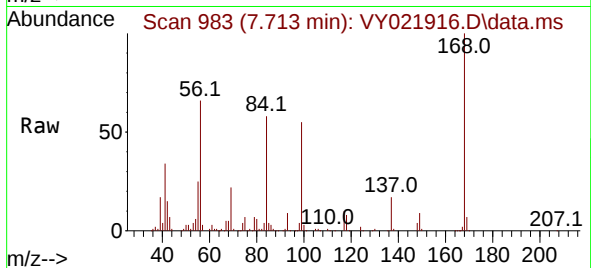
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021916.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20041
Ion Ratio Lower Upper
168 100
99 54.9 46.7 70.1

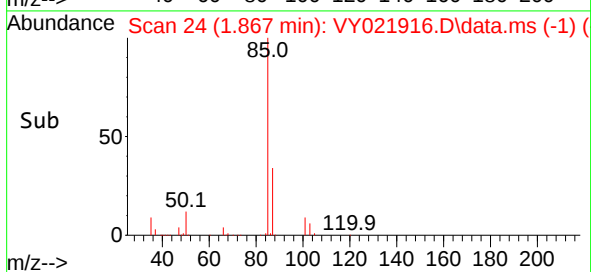
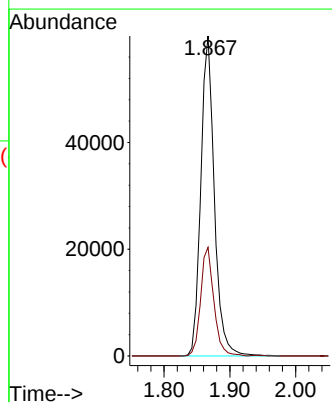
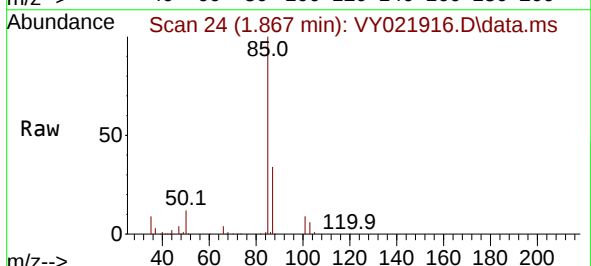
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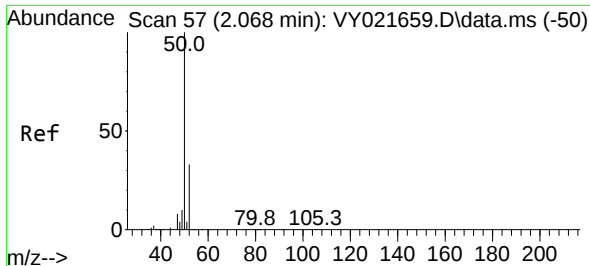
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#2
Dichlorodifluoromethane
Concen: 41.287 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

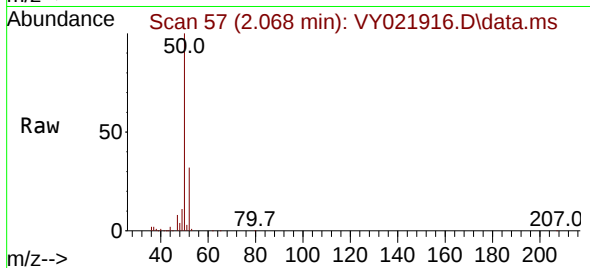
Tgt Ion: 85 Resp: 85764
Ion Ratio Lower Upper
85 100
87 34.0 16.2 48.6





#3
Chloromethane
Concen: 43.027 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

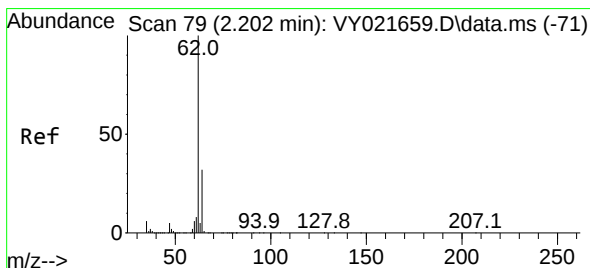
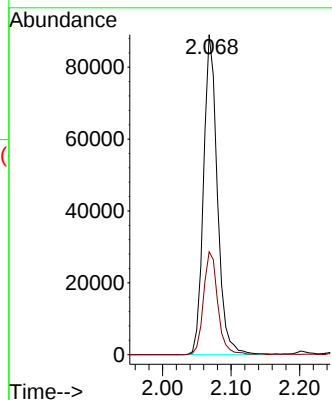
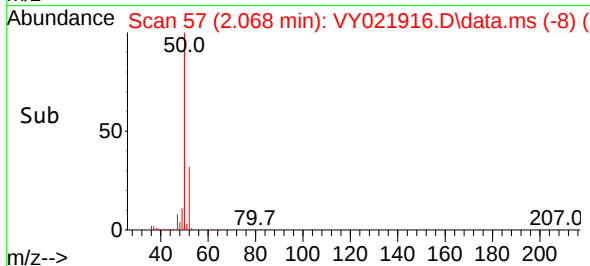
Instrument :
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Tgt Ion: 50 Resp: 125679
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5

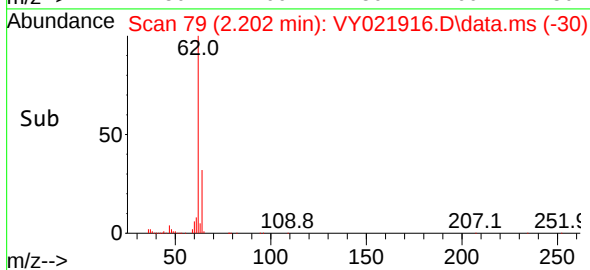
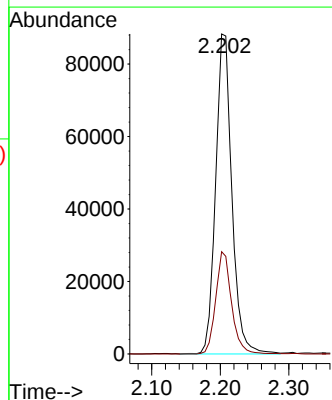
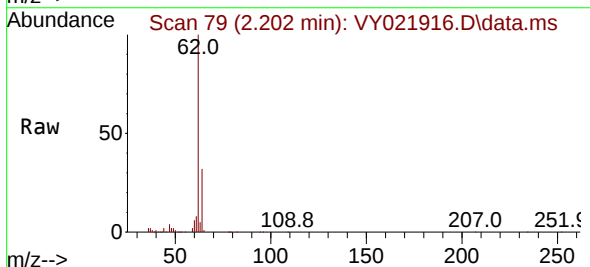
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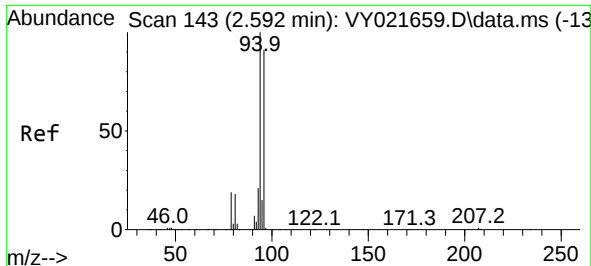
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#4
Vinyl Chloride
Concen: 43.998 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

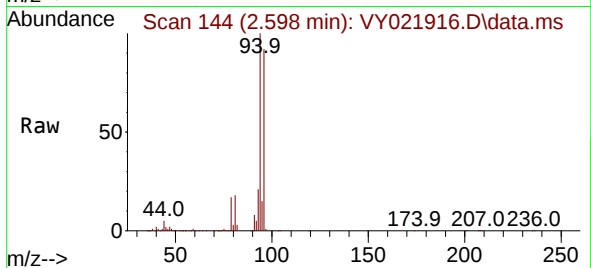
Tgt Ion: 62 Resp: 145339
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3





#5
Bromomethane
Concen: 42.766 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021916.D
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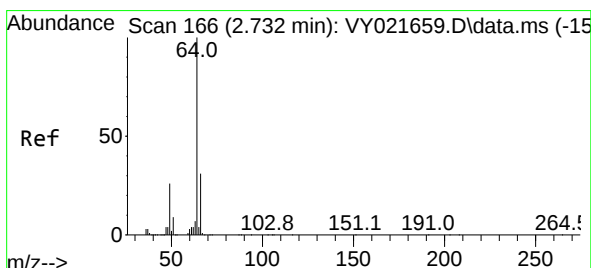
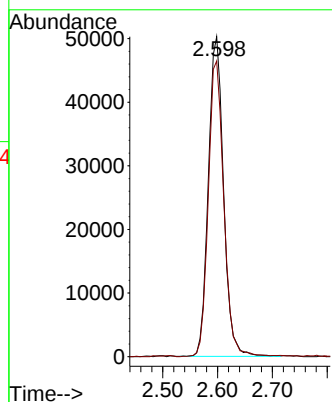
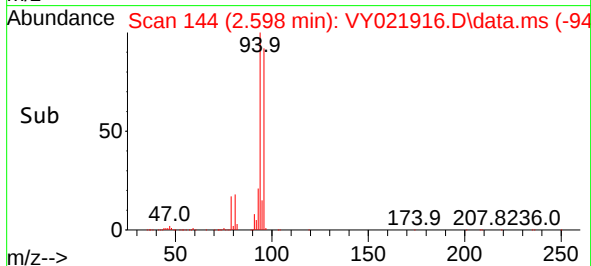
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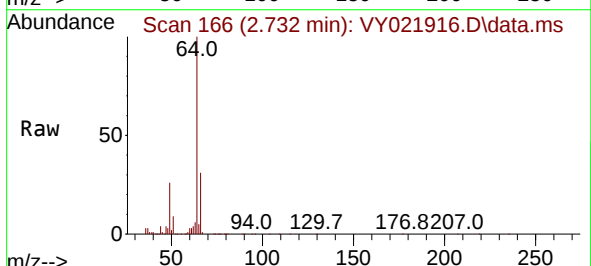
Tgt Ion: 94 Resp: 96352
Ion Ratio Lower Upper
94 100
96 92.5 72.8 109.2

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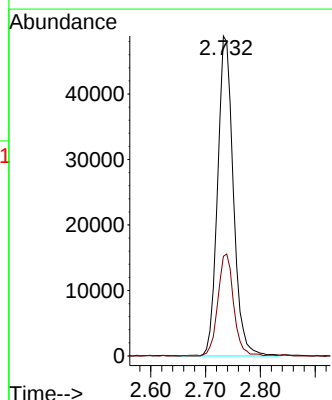
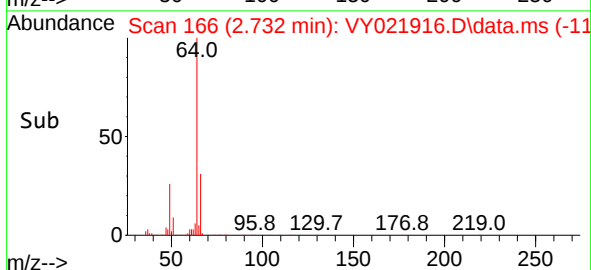
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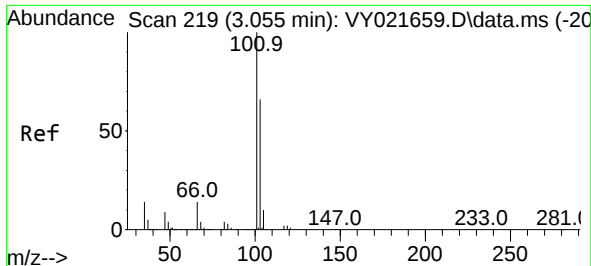


#6
Chloroethane
Concen: 45.079 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021916.D
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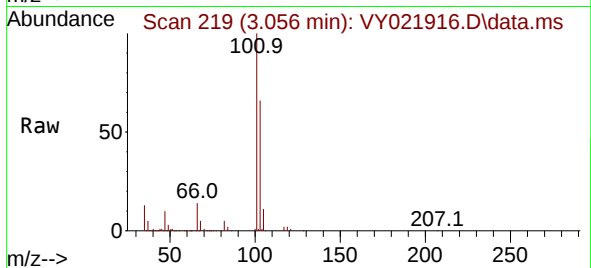
Tgt Ion: 64 Resp: 97440
Ion Ratio Lower Upper
64 100
66 31.2 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 45.449 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021916.D
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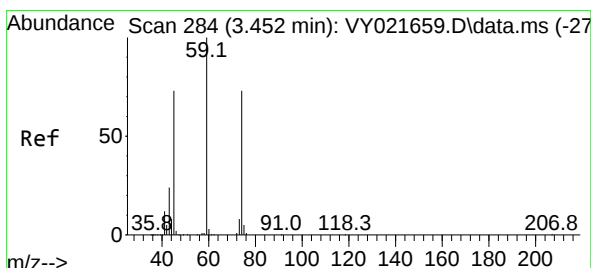
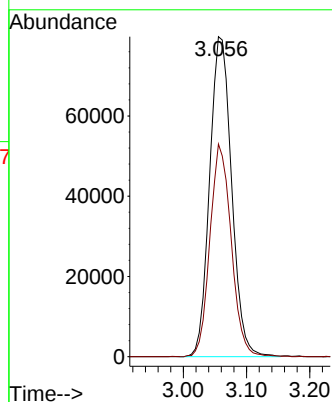
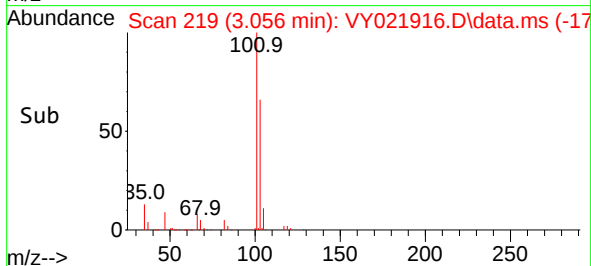
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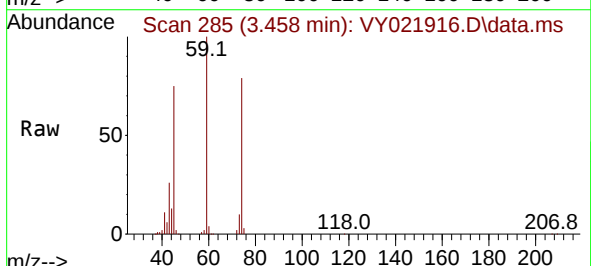
Tgt Ion:101 Resp: 192320
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7

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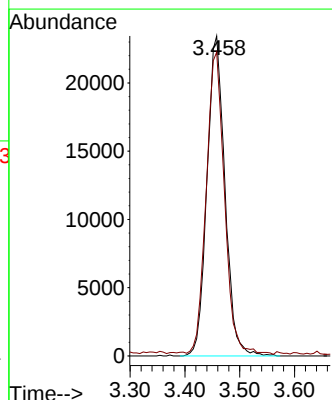
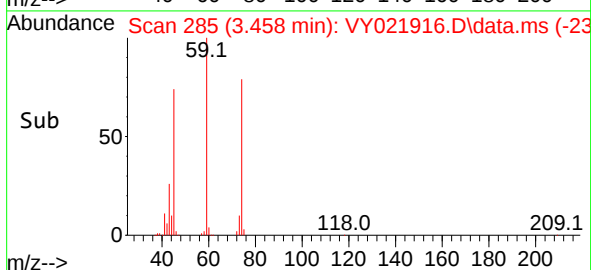
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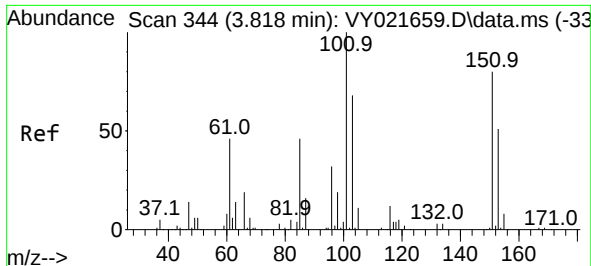


#8
 Diethyl Ether
 Concen: 46.283 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021916.D
 Acq: 18 Apr 2025 08:46



Tgt Ion: 74 Resp: 53261
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.6 145.8





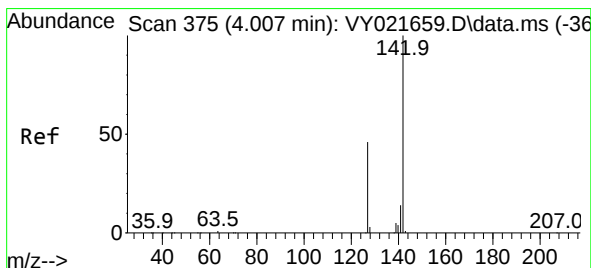
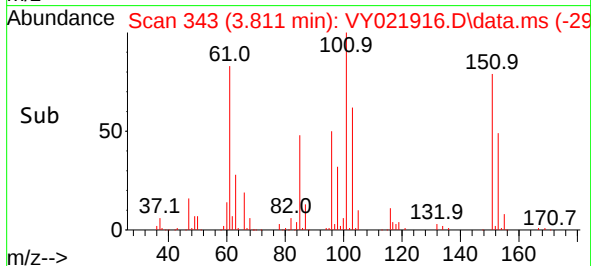
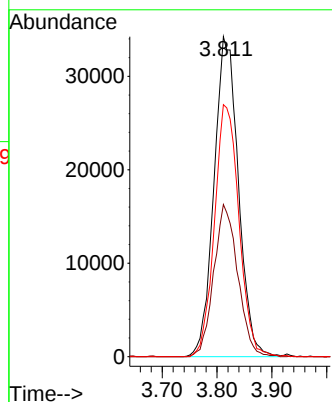
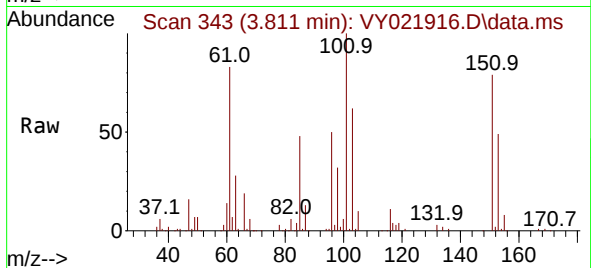
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.362 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10570
Ion Ratio Lower Upper
101 100
85 46.9 36.3 54.5
151 79.2 61.3 91.9

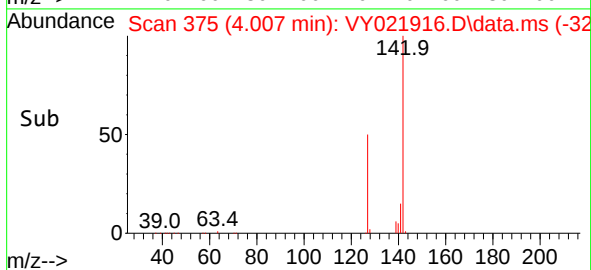
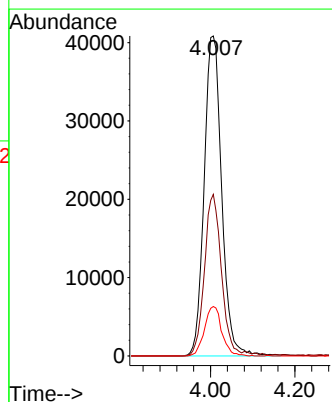
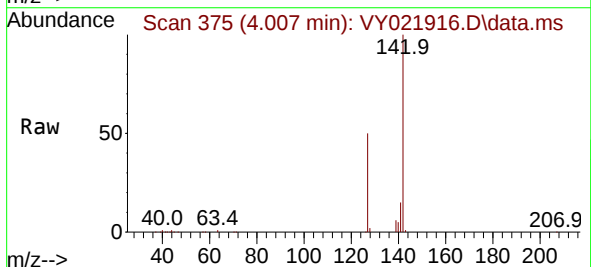
Manual Integrations
APPROVED

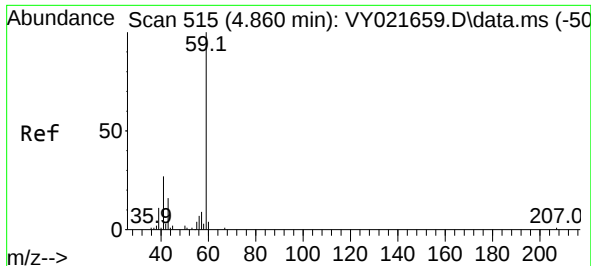
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#10
Methyl Iodide
Concen: 48.302 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

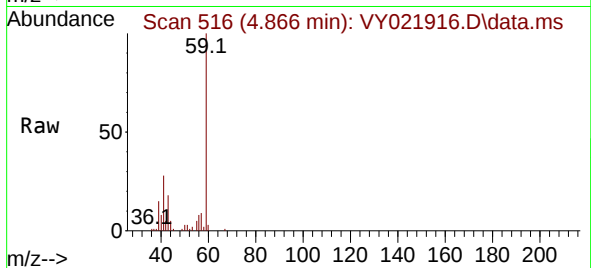
Tgt Ion:142 Resp: 118265
Ion Ratio Lower Upper
142 100
127 48.5 38.7 58.1
141 15.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 221.516 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

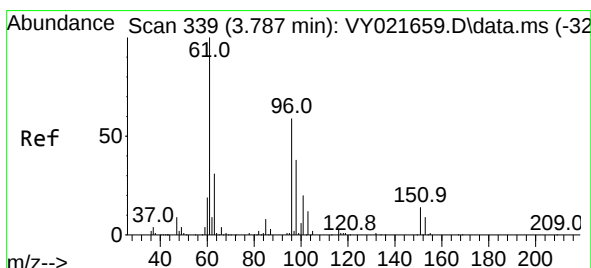
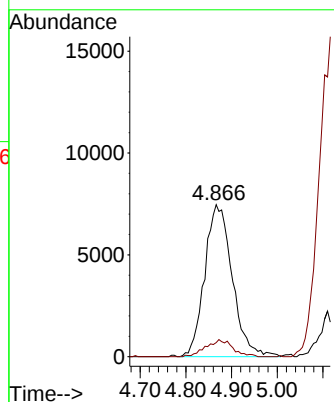
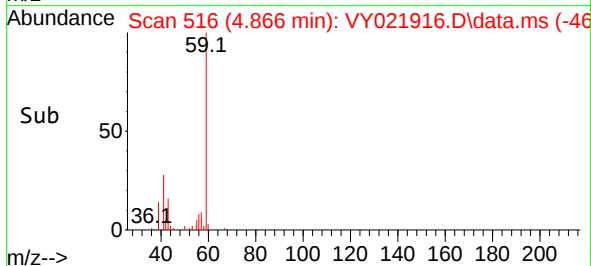
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 3124
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8

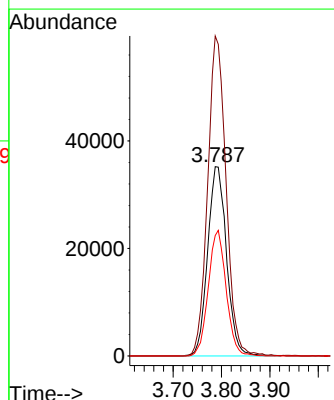
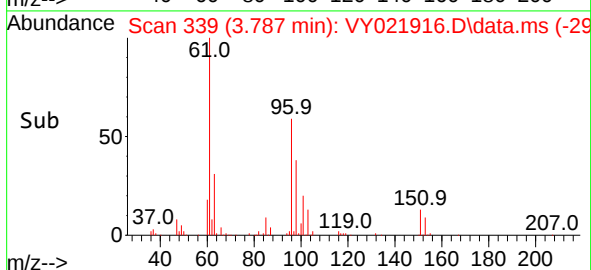
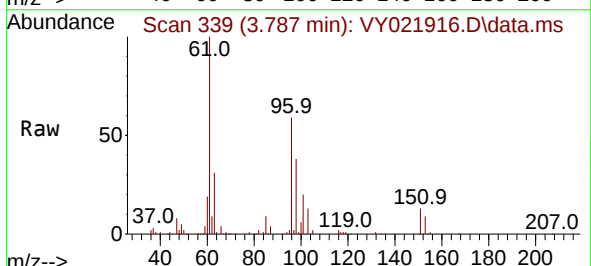
Manual Integrations
APPROVED

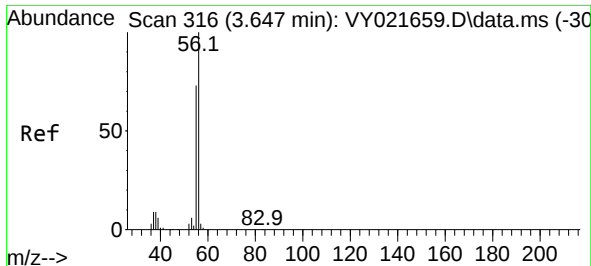
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#12
1,1-Dichloroethene
Concen: 45.514 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Tgt Ion: 96 Resp: 95679
Ion Ratio Lower Upper
96 100
61 169.0 136.6 204.8
98 63.6 52.3 78.5





#13

Acrolein

Concen: 40.604 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 1045

Ion Ratio Lower Upper

56 100

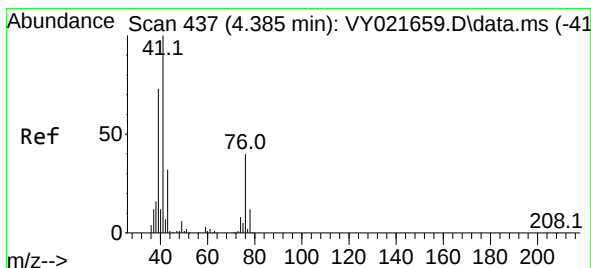
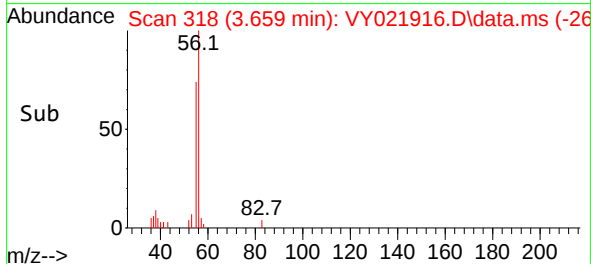
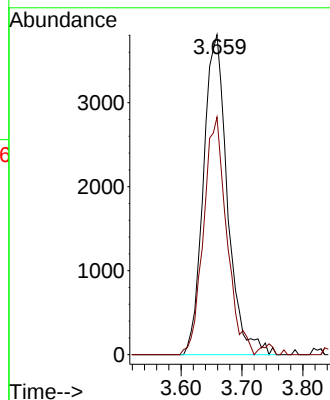
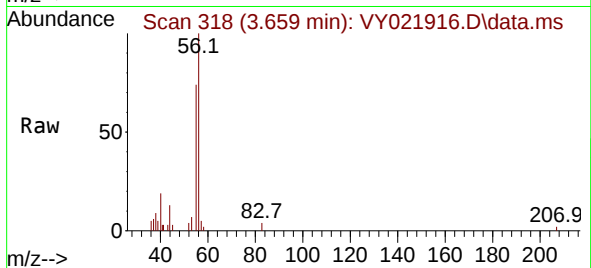
55 71.3 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025

Supervised By :Semsettin Yesilyurt 04/21/2025



#14

Allyl chloride

Concen: 45.264 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

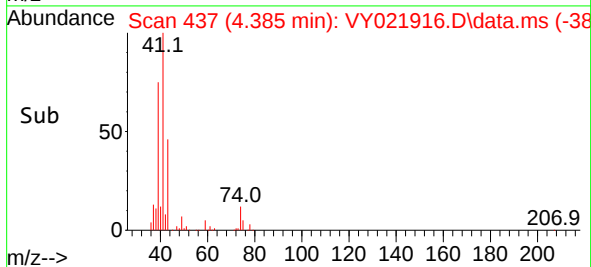
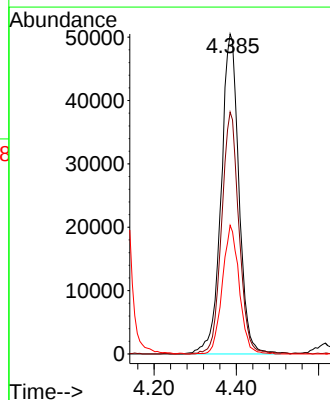
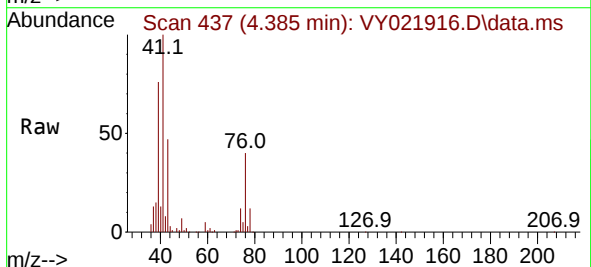
Tgt Ion: 41 Resp: 151712

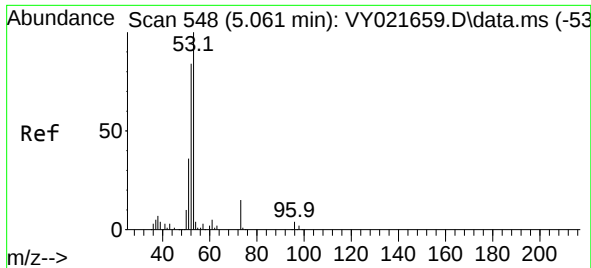
Ion Ratio Lower Upper

41 100

39 73.7 58.6 88.0

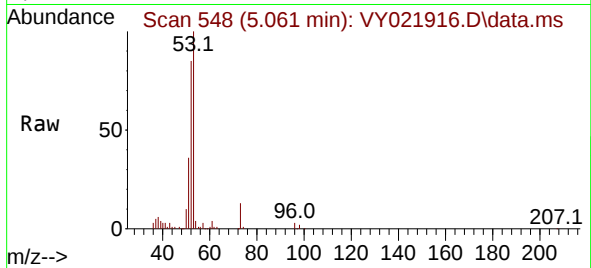
76 38.2 30.3 45.5





#15
Acrylonitrile
Concen: 247.664 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

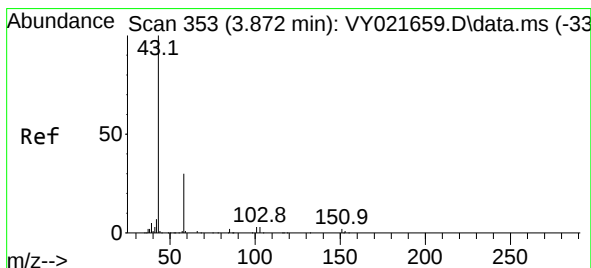
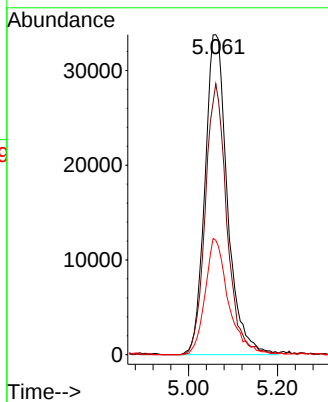
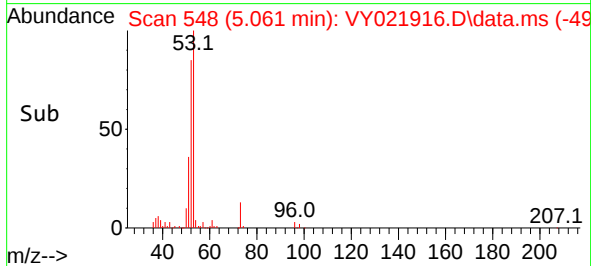
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 118999
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 37.5 30.2 45.2

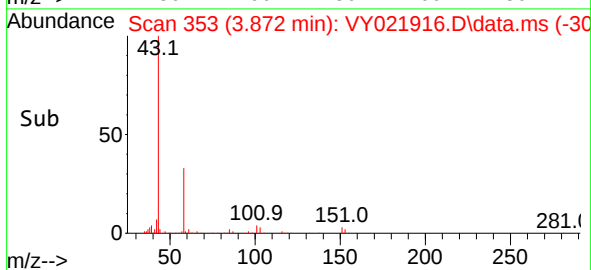
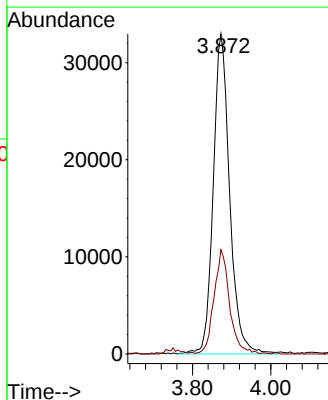
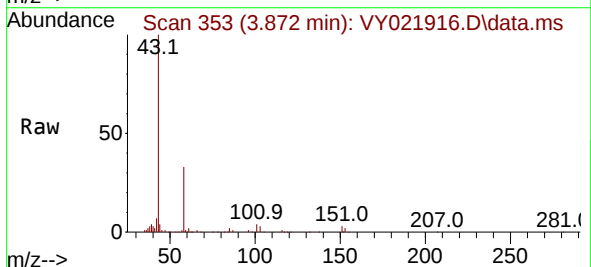
Manual Integrations
APPROVED

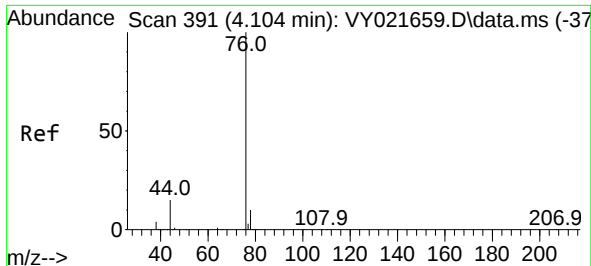
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#16
Acetone
Concen: 215.818 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

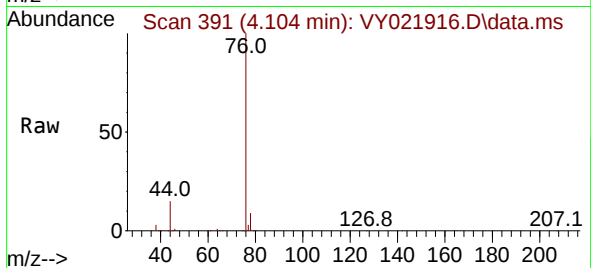
Tgt Ion: 43 Resp: 95912
Ion Ratio Lower Upper
43 100
58 32.3 24.2 36.4





#17
Carbon Disulfide
Concen: 42.731 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

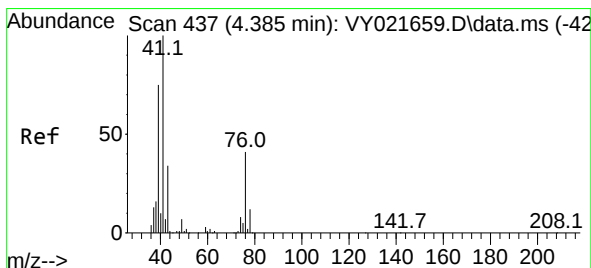
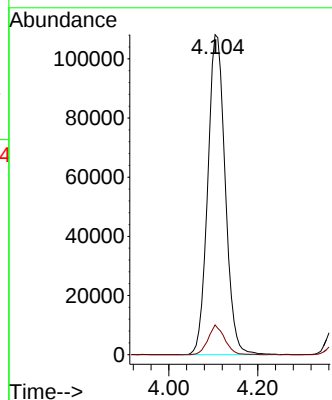
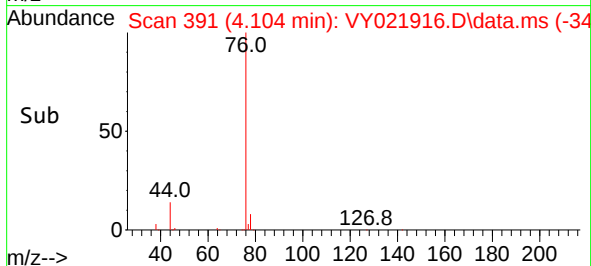
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



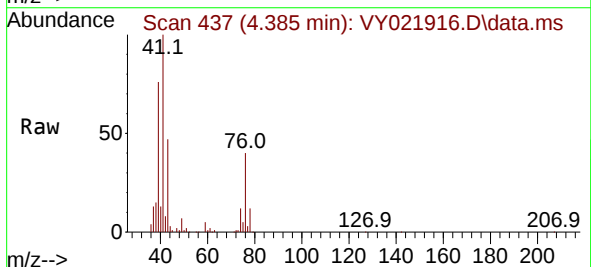
Tgt Ion: 76 Resp: 29586
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

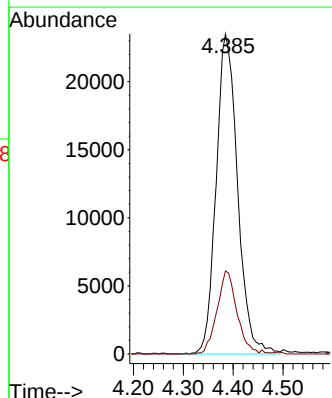
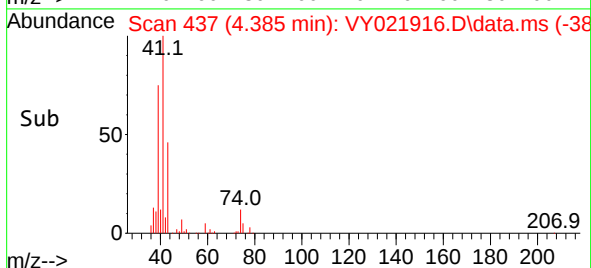
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

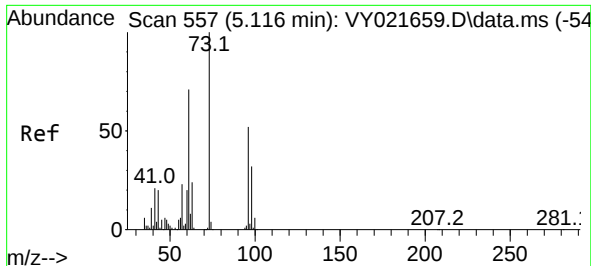


#18
Methyl Acetate
Concen: 63.696 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



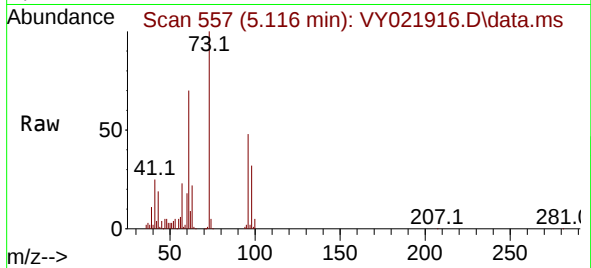
Tgt Ion: 43 Resp: 70157
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 48.503 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

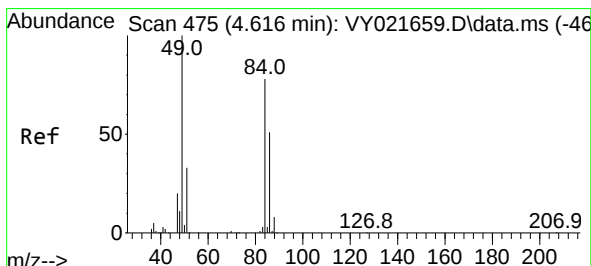
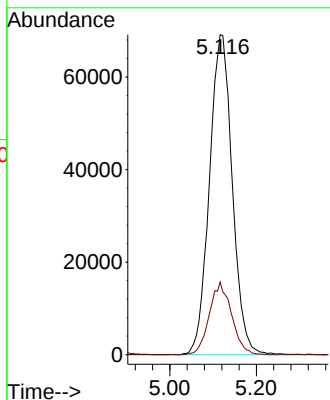
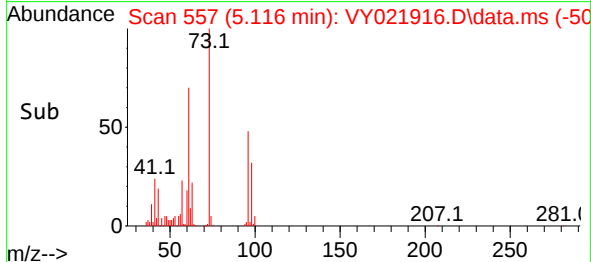
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



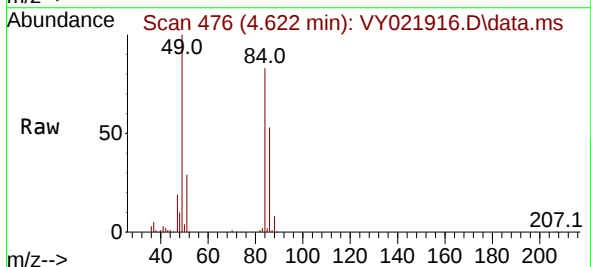
Tgt Ion: 73 Resp: 253852
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

Manual Integrations
APPROVED

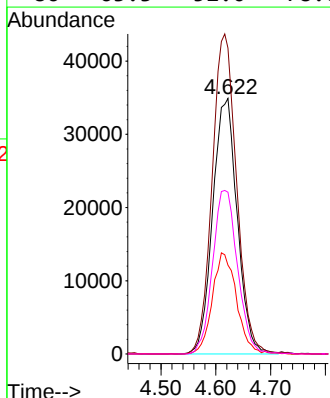
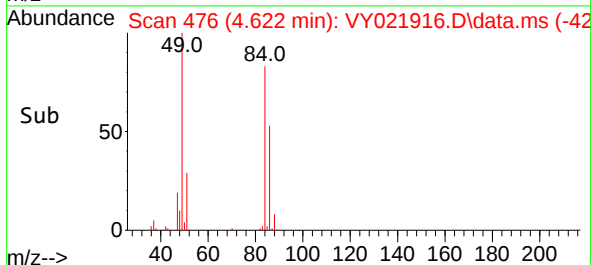
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

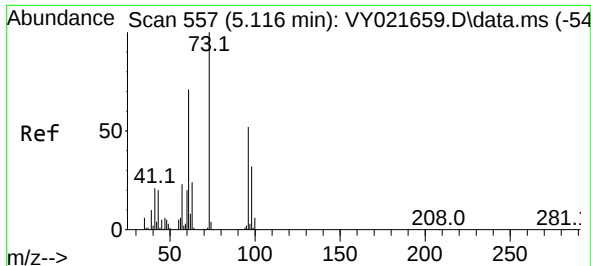


#20
Methylene Chloride
Concen: 50.000 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



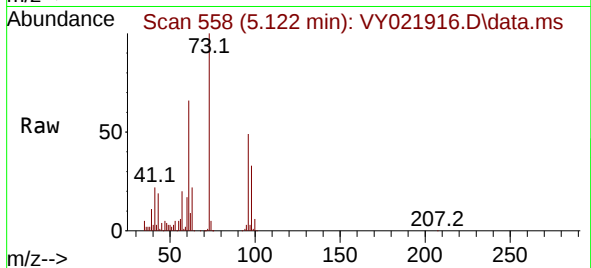
Tgt Ion: 84 Resp: 108733
Ion Ratio Lower Upper
84 100
49 119.8 102.8 154.2
51 34.8 33.5 50.3
86 63.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.864 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

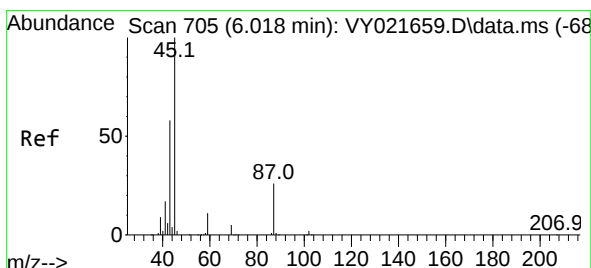
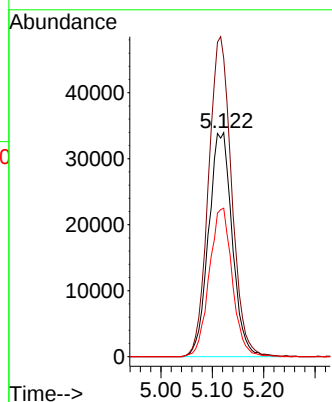
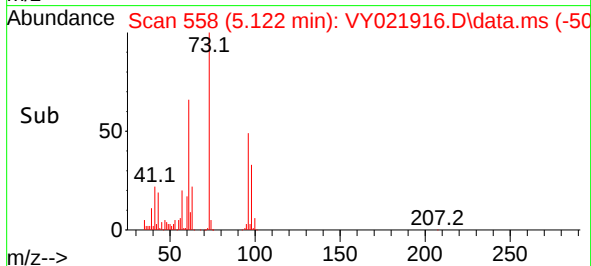
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 108469
Ion Ratio Lower Upper
96 100
61 133.3 109.4 164.0
98 66.3 50.2 75.2

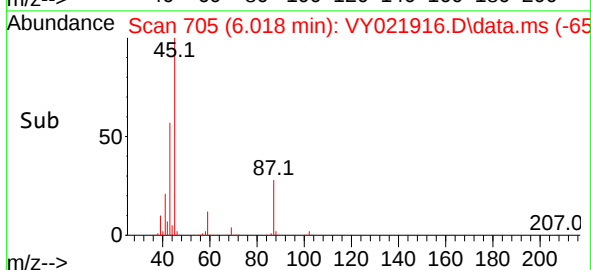
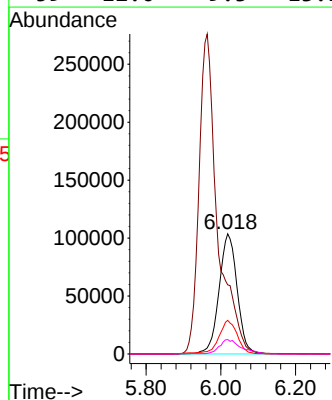
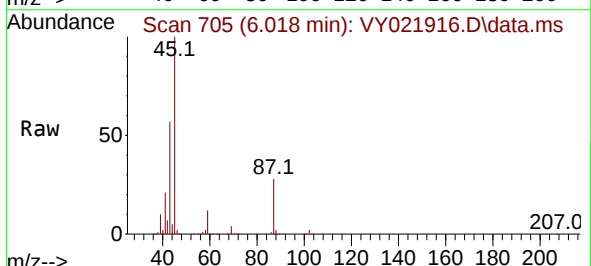
Manual Integrations
APPROVED

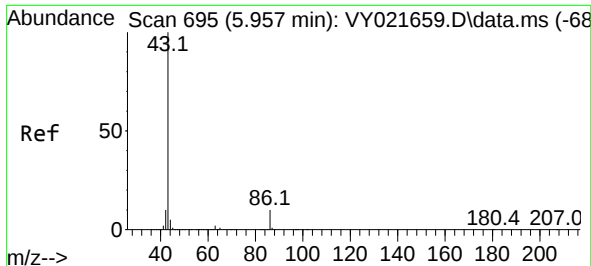
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#22
Diisopropyl ether
Concen: 49.515 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

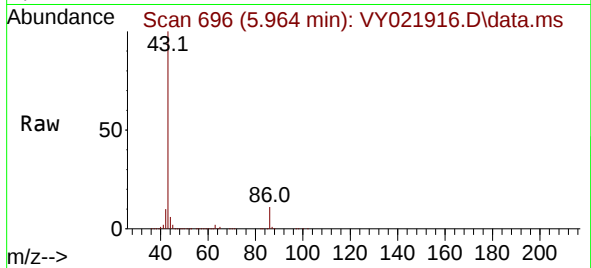
Tgt Ion: 45 Resp: 348143
Ion Ratio Lower Upper
45 100
43 57.3 46.6 69.8
87 28.0 20.7 31.1
59 12.0 9.3 13.9





#23
 Vinyl Acetate
 Concen: 230.725 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021916.D
 Acq: 18 Apr 2025 08:46

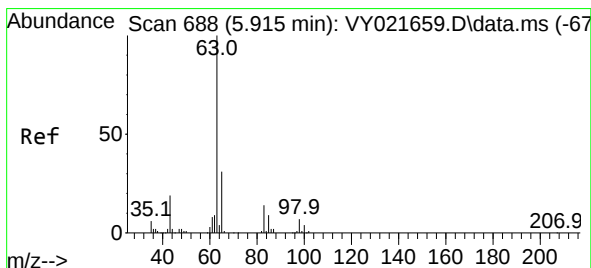
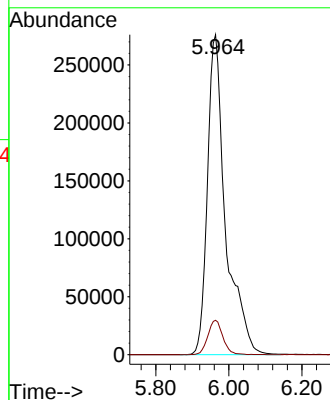
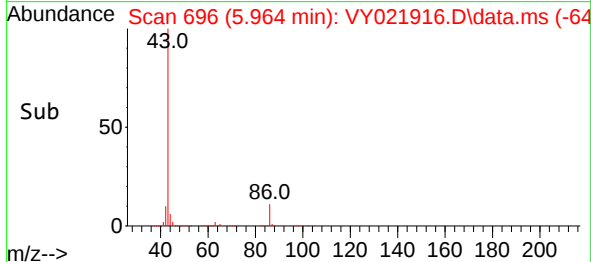
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



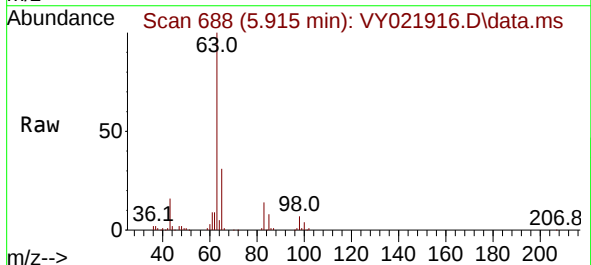
Tgt Ion: 43 Resp: 94902
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2

Manual Integrations
 APPROVED

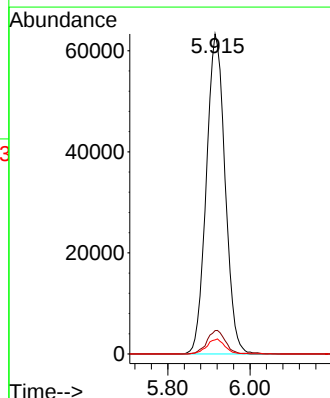
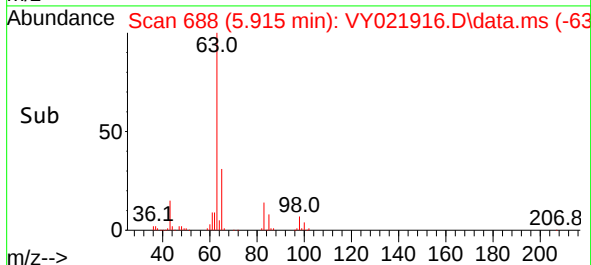
Reviewed By :Mahesh Dadoda 04/21/2025
 Supervised By :Semsettin Yesilyurt 04/21/2025

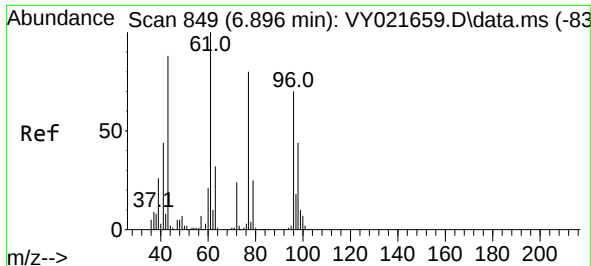


#24
 1,1-Dichloroethane
 Concen: 47.685 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021916.D
 Acq: 18 Apr 2025 08:46



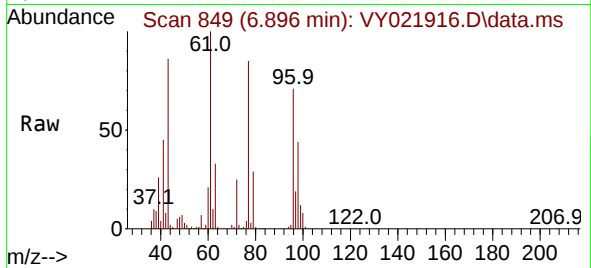
Tgt Ion: 63 Resp: 200478
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 235.511 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

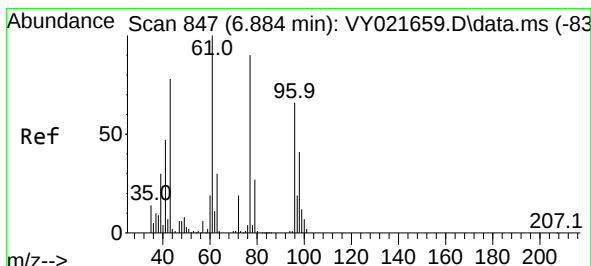
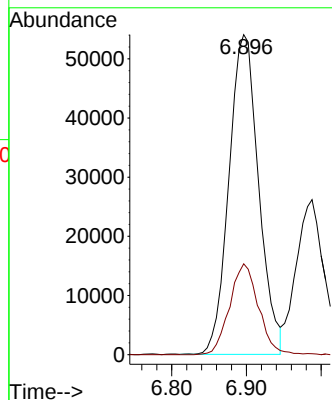
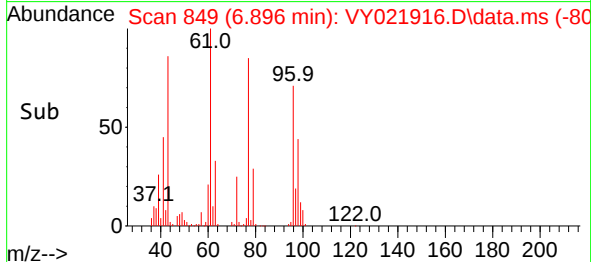
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



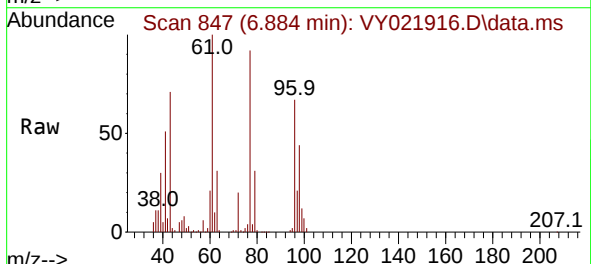
Tgt Ion: 43 Resp: 14949
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2

Manual Integrations
APPROVED

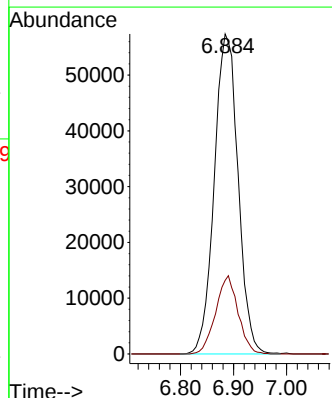
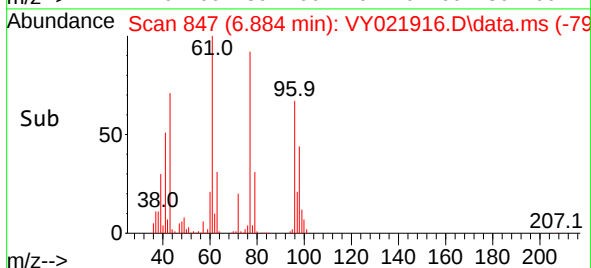
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

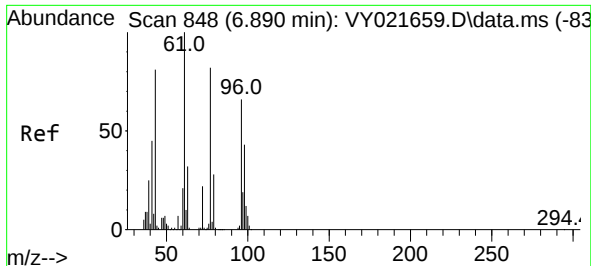


#26
2,2-Dichloropropane
Concen: 47.778 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion: 77 Resp: 178678
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 48.306 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021916.D

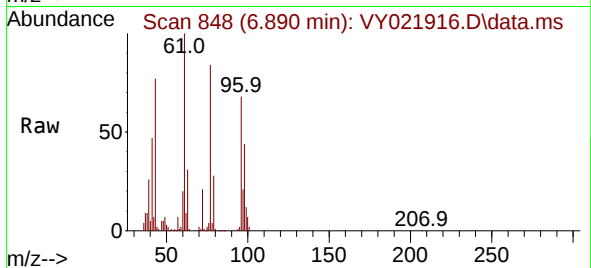
Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

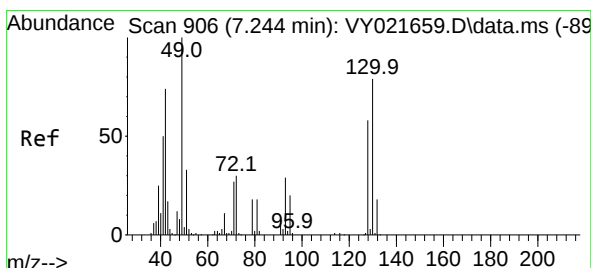
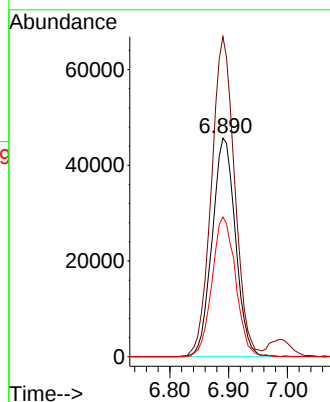
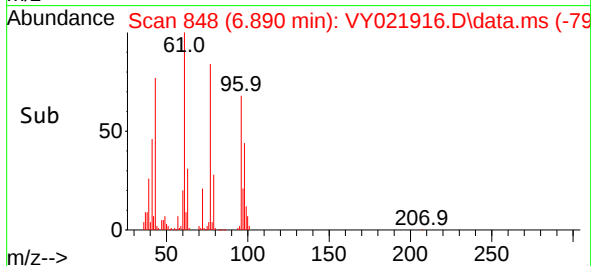


Tgt Ion:	96	Resp:	12573
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	296.4
98	64.7	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#28

Bromochloromethane

Concen: 48.714 ug/l

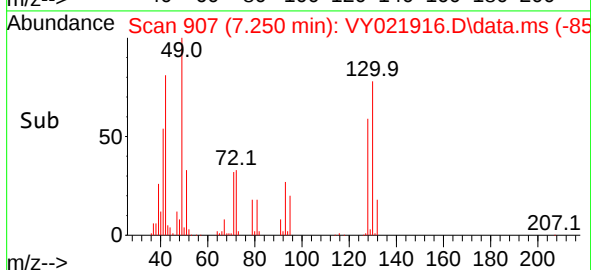
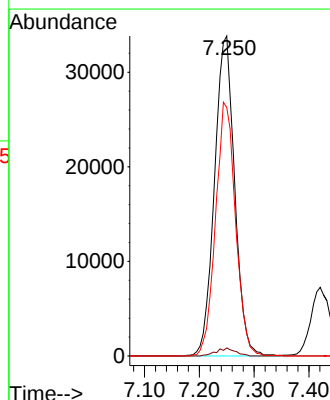
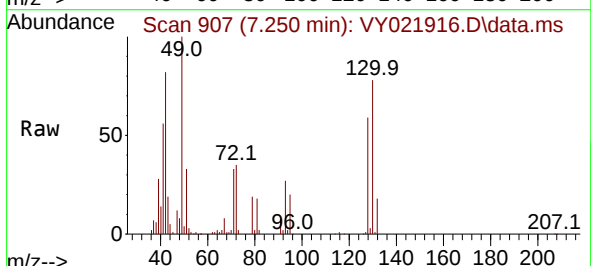
RT: 7.250 min Scan# 907

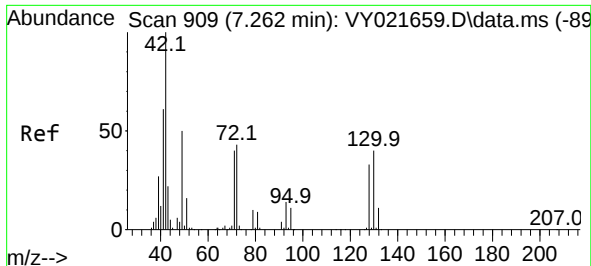
Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion:	49	Resp:	86375
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	78.4	60.1	90.1





#29

Tetrahydrofuran

Concen: 243.834 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

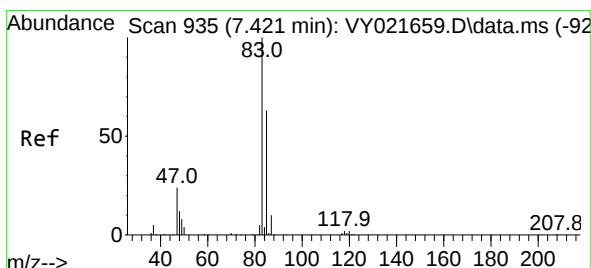
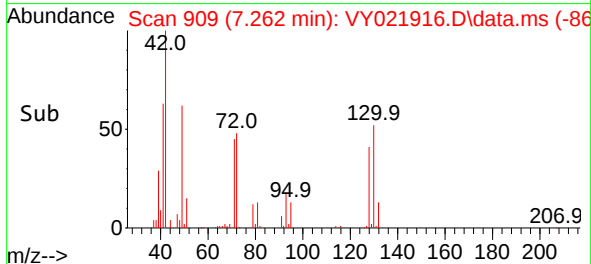
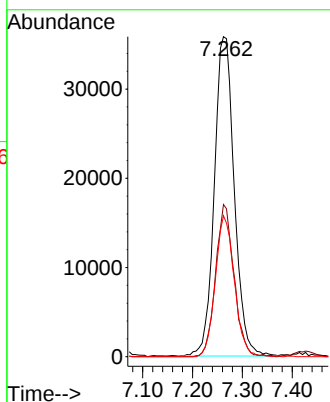
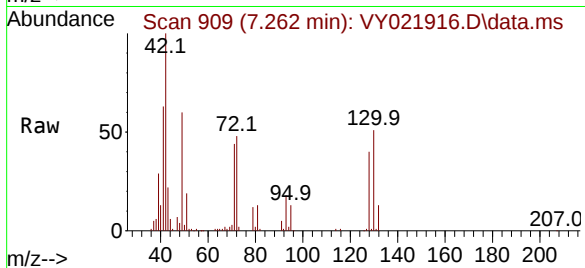
VSTDCCC050

Tgt Ion:	42	Resp:	9961
Ion Ratio	Lower	Upper	
42	100		
72	44.0	34.6	52.0
71	41.9	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#30

Chloroform

Concen: 49.314 ug/l

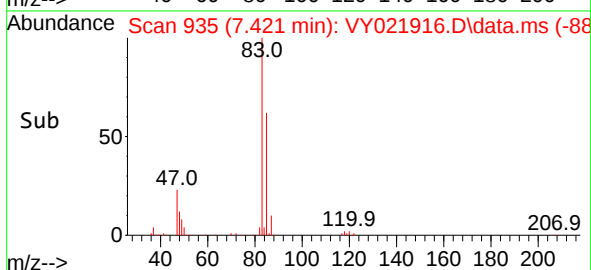
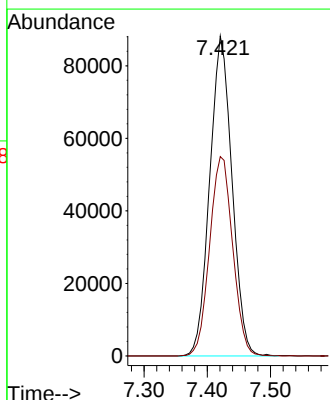
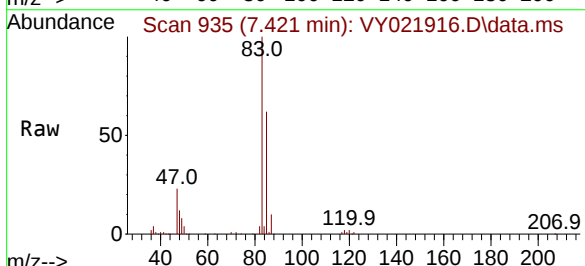
RT: 7.421 min Scan# 935

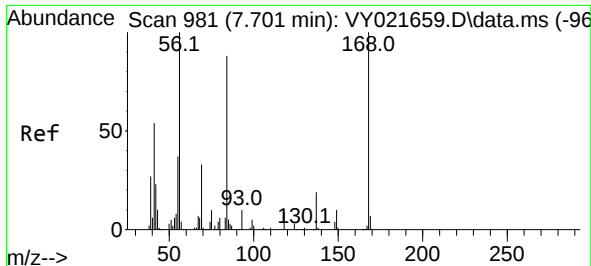
Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

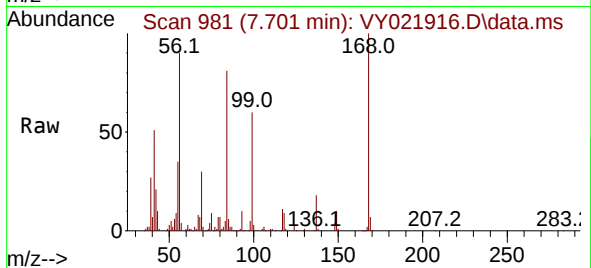
Tgt Ion:	83	Resp:	215644
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.6	75.8





#31
Cyclohexane
Concen: 44.245 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

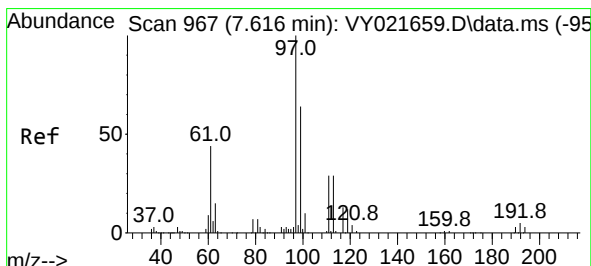
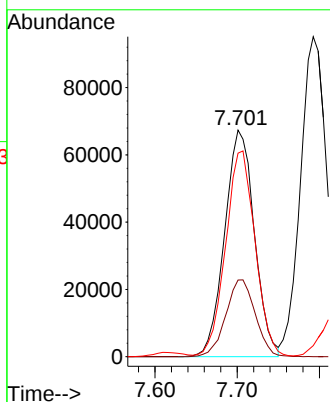
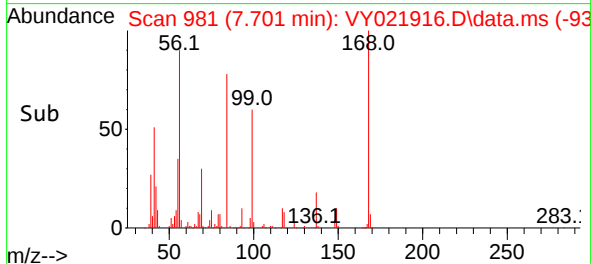
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



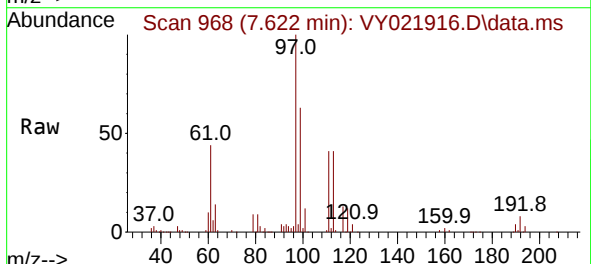
Tgt Ion: 56 Resp: 16956
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 88.3 69.0 103.4

Manual Integrations
APPROVED

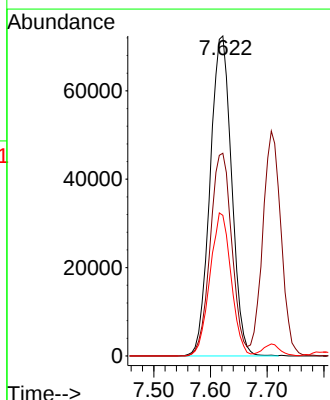
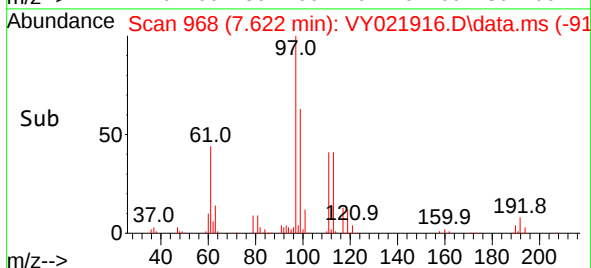
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

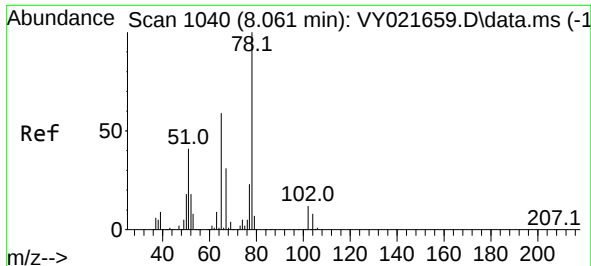


#32
1,1,1-Trichloroethane
Concen: 48.292 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion: 97 Resp: 190860
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.292 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 102692

Ion Ratio Lower Upper

65 100

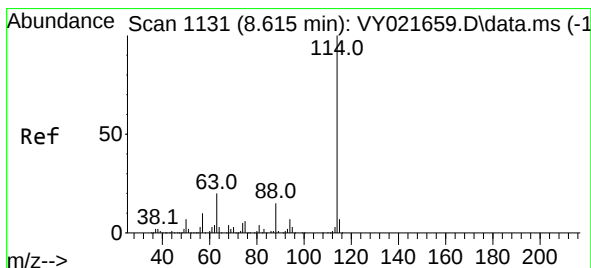
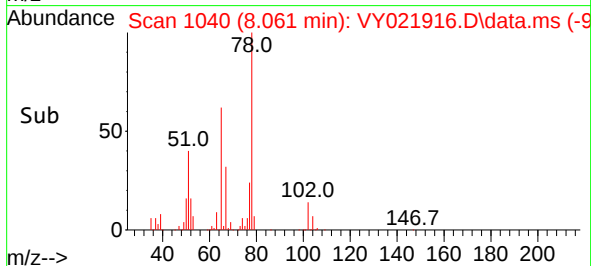
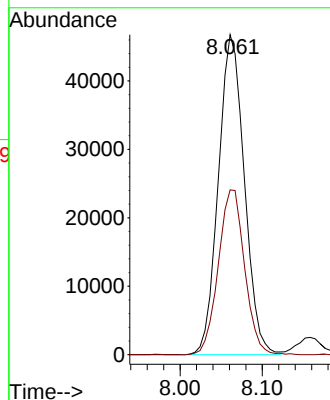
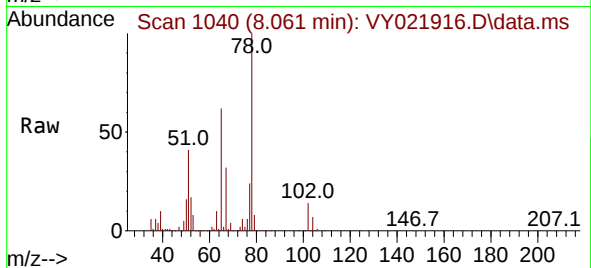
67 52.2 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025

Supervised By :Semsettin Yesilyurt 04/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

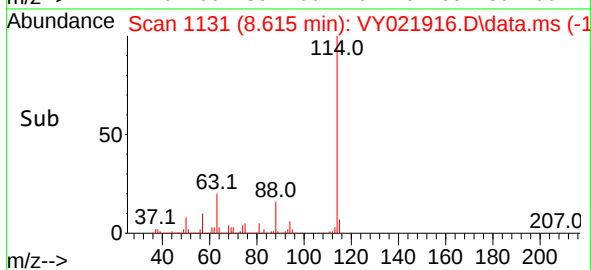
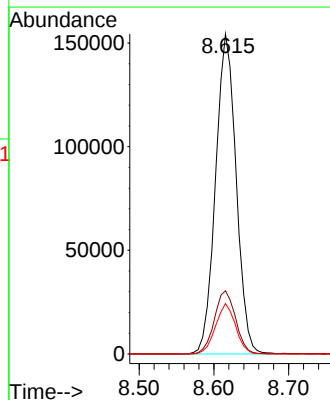
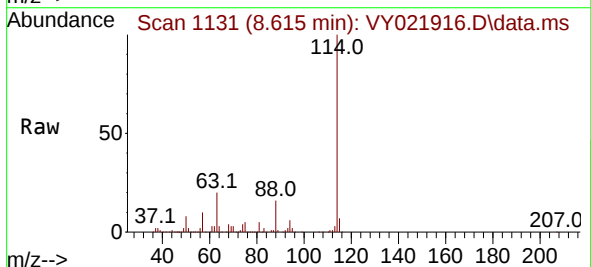
Tgt Ion:114 Resp: 296151

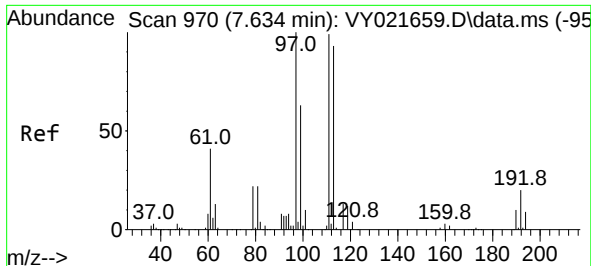
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

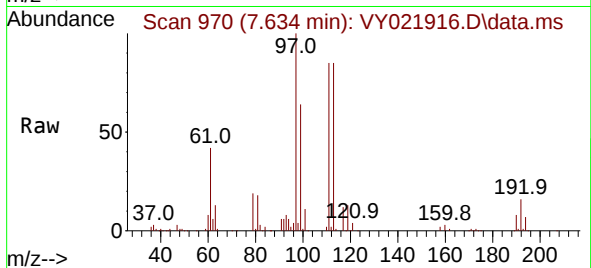
88 15.7 0.0 29.8





#35
Dibromofluoromethane
Concen: 51.636 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

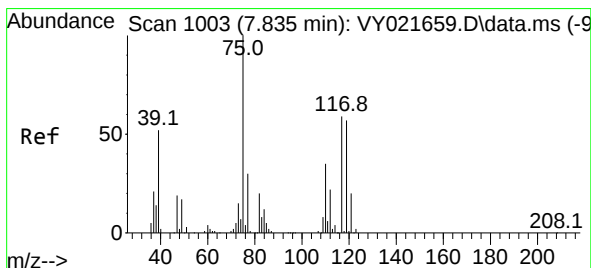
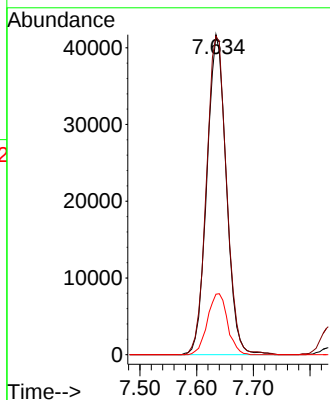
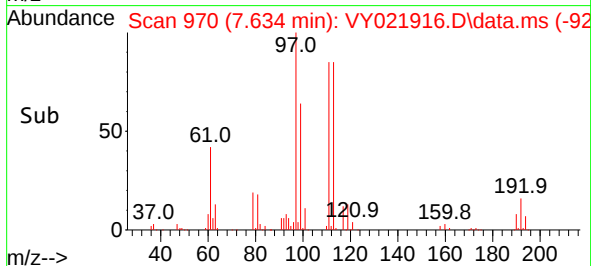
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



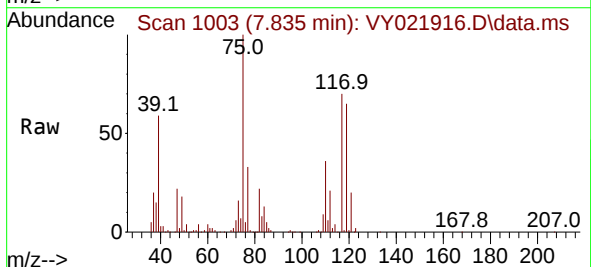
Tgt Ion:113 Resp: 9919
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.6 16.2 24.4

Manual Integrations
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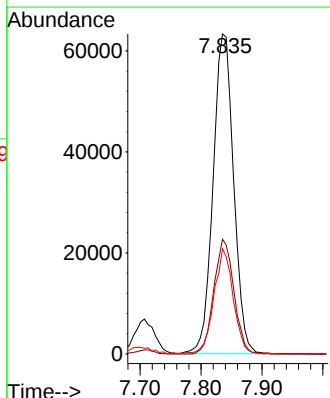
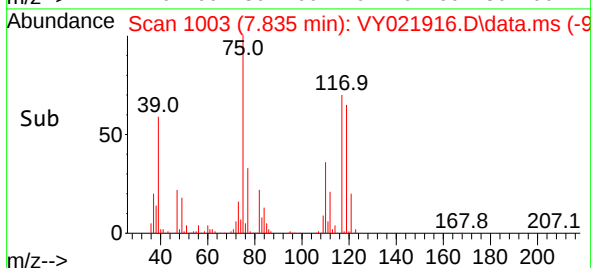
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

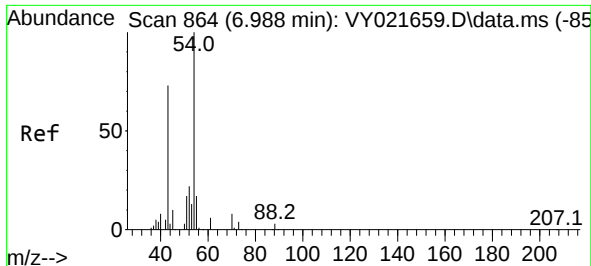


#36
1,1-Dichloropropene
Concen: 50.778 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



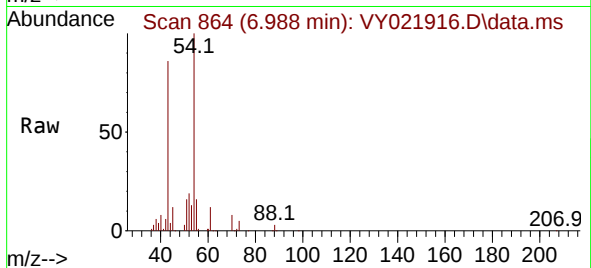
Tgt Ion: 75 Resp: 148583
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 50.306 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

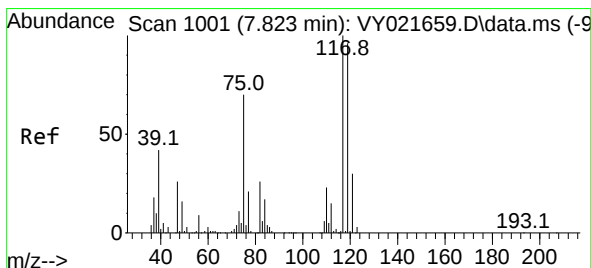
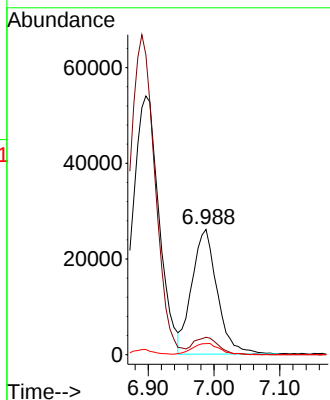
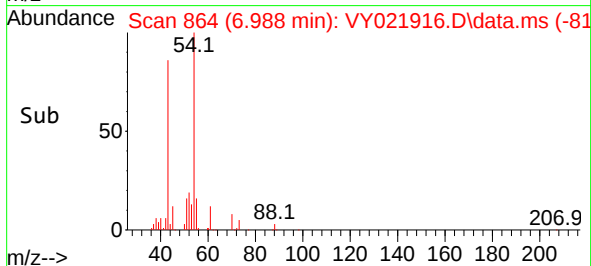
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 69470
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.9 8.1 12.1

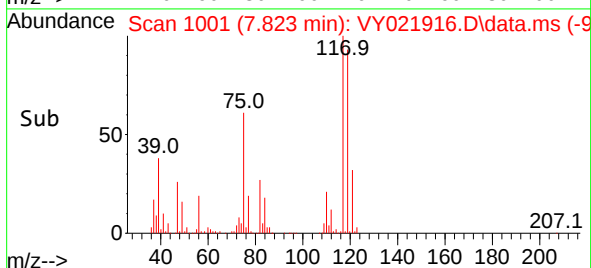
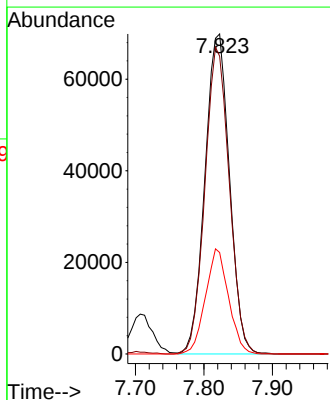
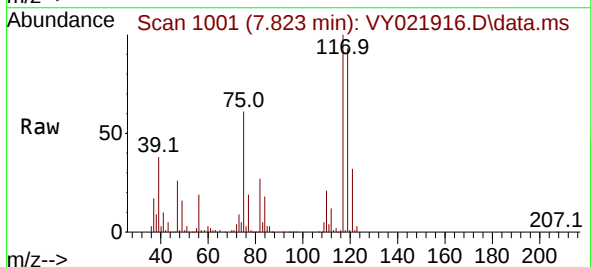
Manual Integrations
APPROVED

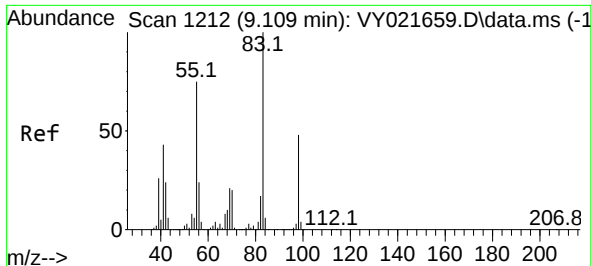
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#38
Carbon Tetrachloride
Concen: 51.943 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

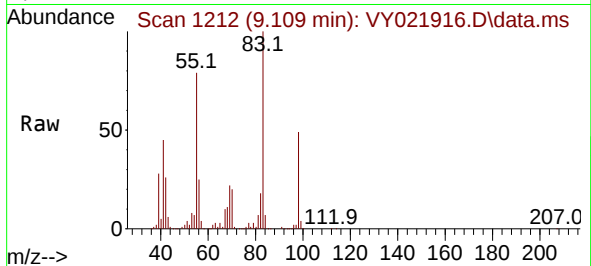
Tgt Ion:117 Resp: 174082
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.4
121 31.7 24.2 36.4





#39
Methylcyclohexane
Concen: 50.296 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

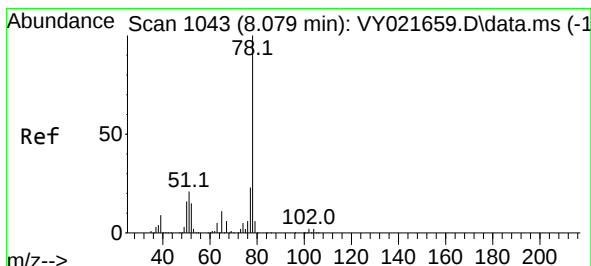
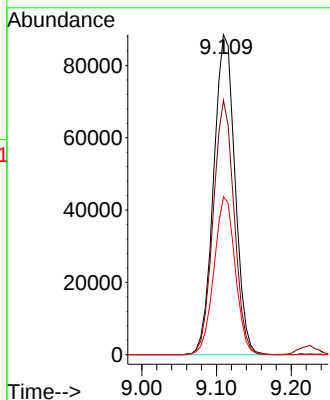
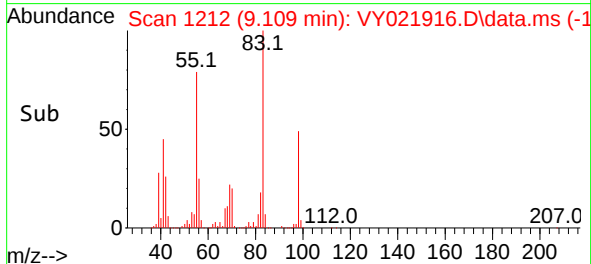
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 175812
Ion Ratio Lower Upper
83 100
55 79.4 59.7 89.5
98 49.3 38.3 57.5

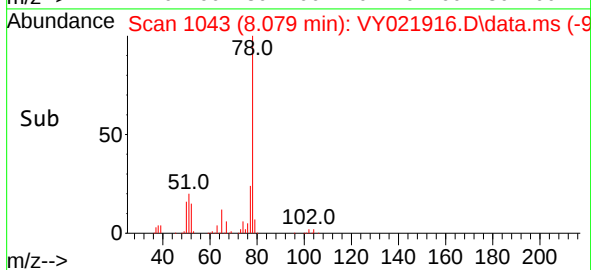
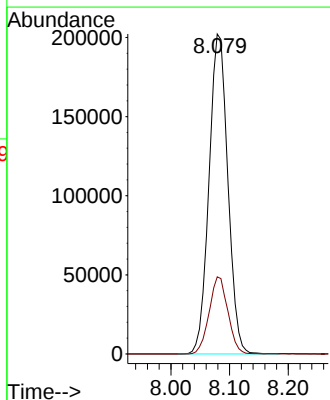
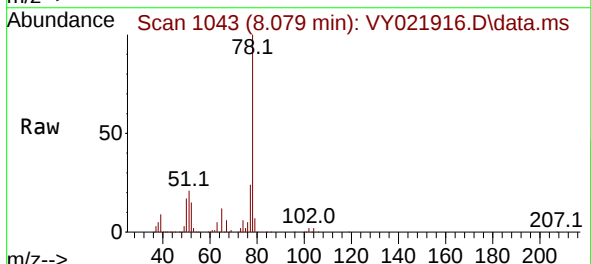
Manual Integrations
APPROVED

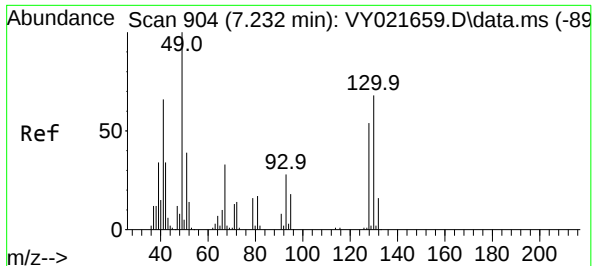
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#40
Benzene
Concen: 51.369 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

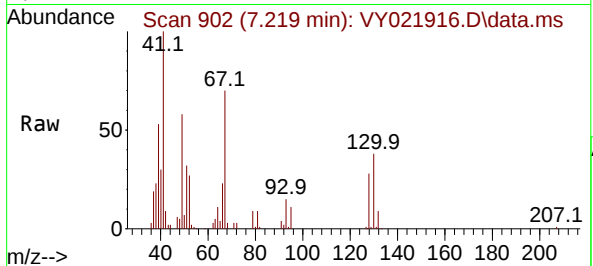
Tgt Ion: 78 Resp: 450143
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41
Methacrylonitrile
Concen: 54.658 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

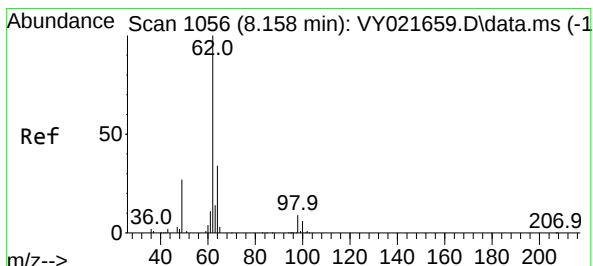
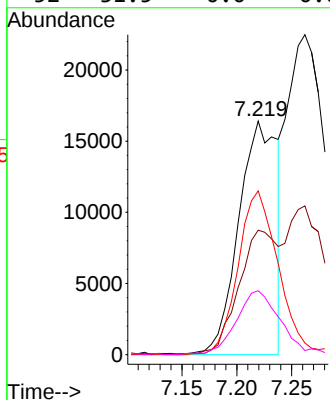
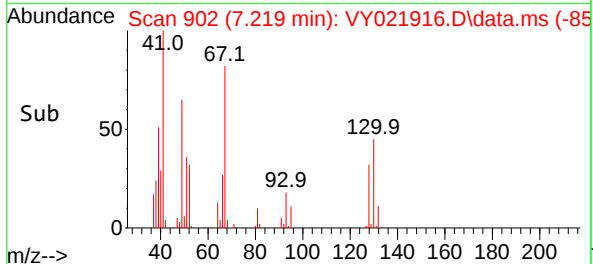
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 40085
Ion Ratio Lower Upper
41 100
39 52.7 0.0 0.0
67 73.4 0.0 0.0
52 31.5 0.0 0.0

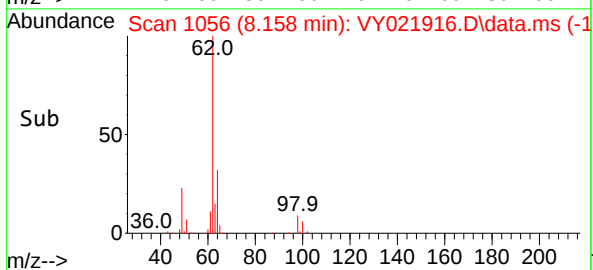
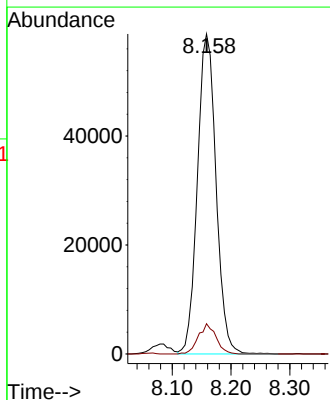
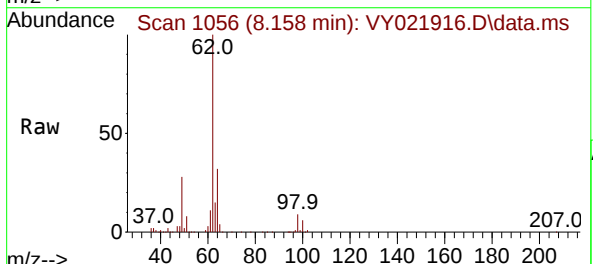
Manual Integrations
APPROVED

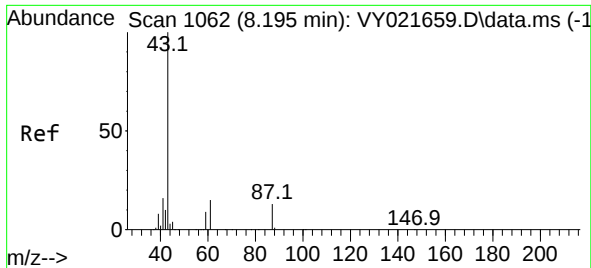
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#42
1,2-Dichloroethane
Concen: 52.445 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

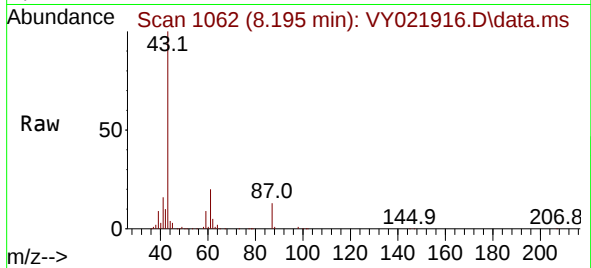
Tgt Ion: 62 Resp: 129561
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43
Isopropyl Acetate
Concen: 50.098 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

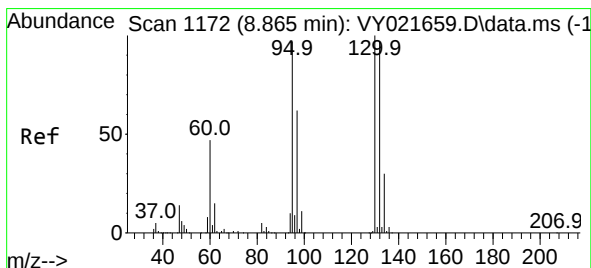
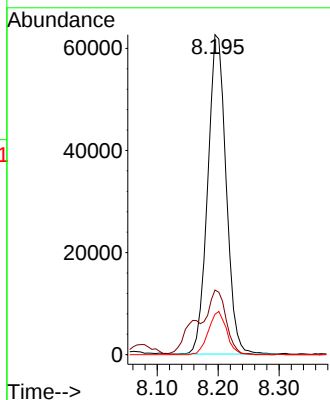
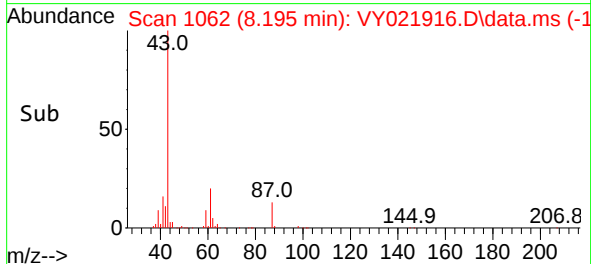
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131100
Ion Ratio Lower Upper
43 100
61 20.9 15.9 23.9
87 13.4 10.4 15.6

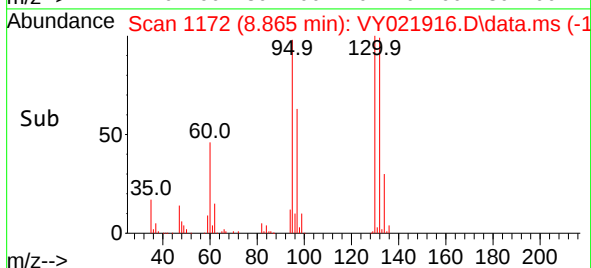
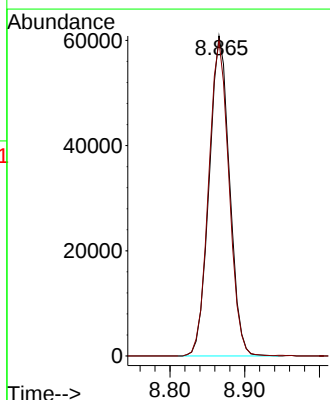
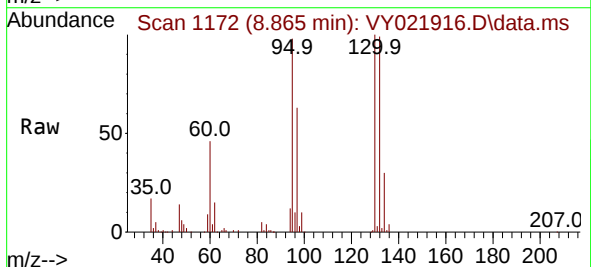
Manual Integrations
APPROVED

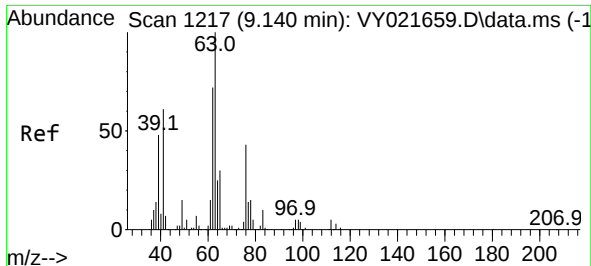
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#44
Trichloroethene
Concen: 51.740 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Tgt Ion:130 Resp: 115521
Ion Ratio Lower Upper
130 100
95 98.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.254 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10838

Ion Ratio Lower Upper

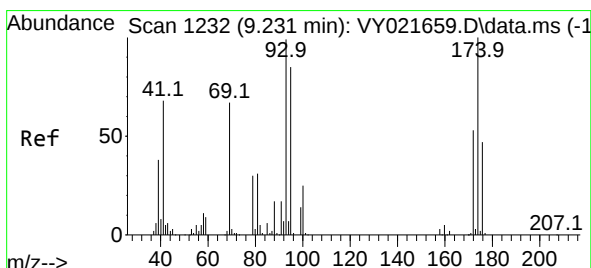
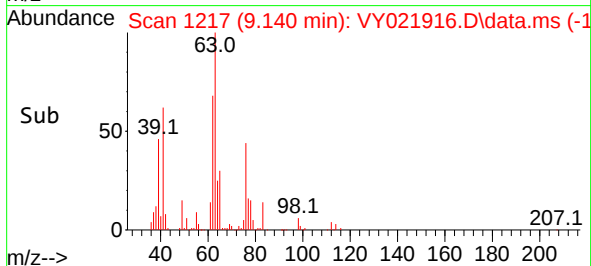
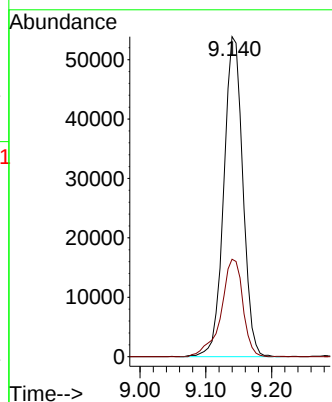
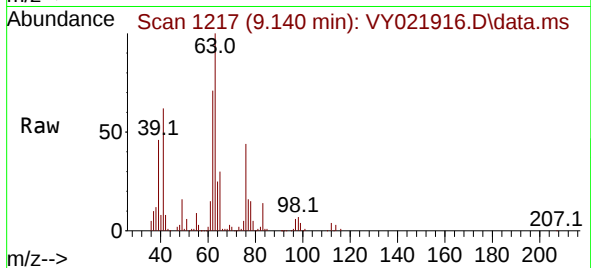
63 100

65 30.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#46

Dibromomethane

Concen: 52.973 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

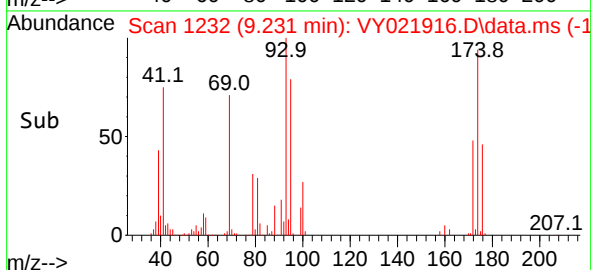
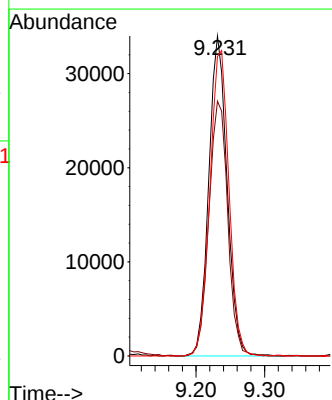
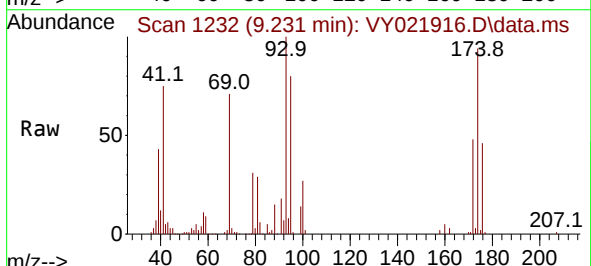
Tgt Ion: 93 Resp: 63326

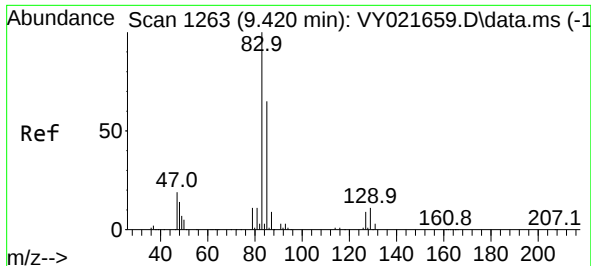
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

174 99.4 80.9 121.3





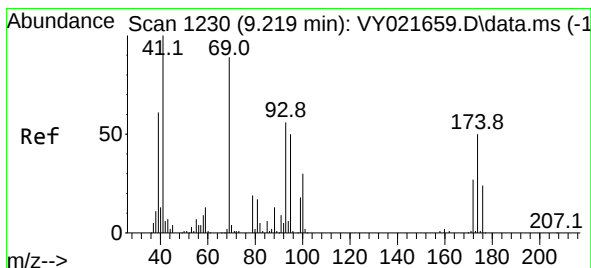
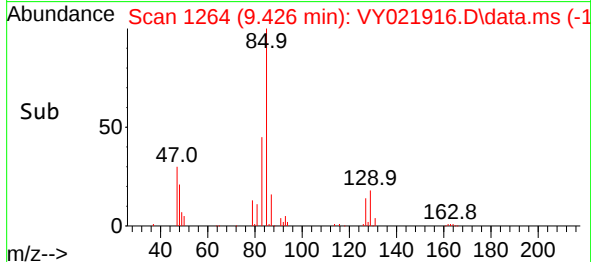
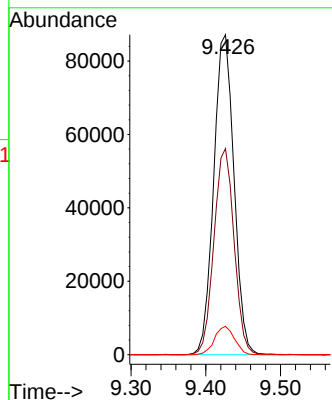
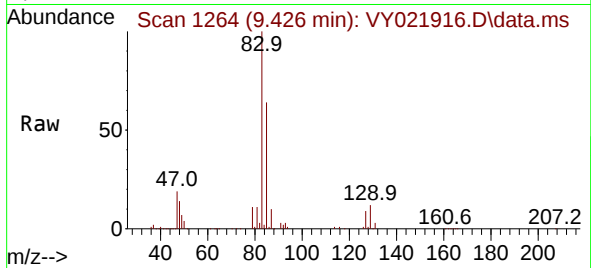
#47
Bromodichloromethane
Concen: 53.017 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 164220
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6
127 8.9 6.8 10.2

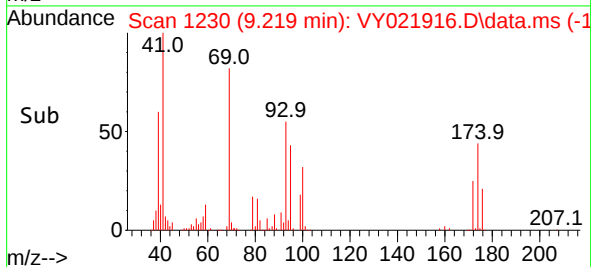
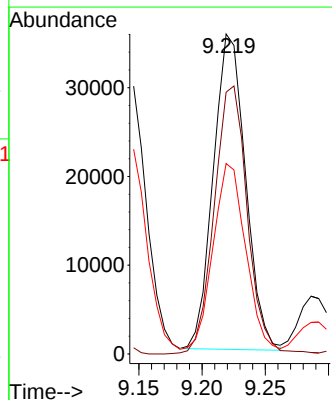
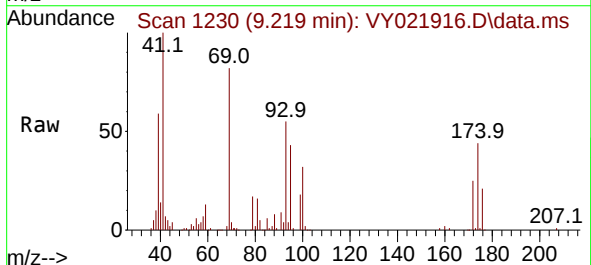
Manual Integrations
APPROVED

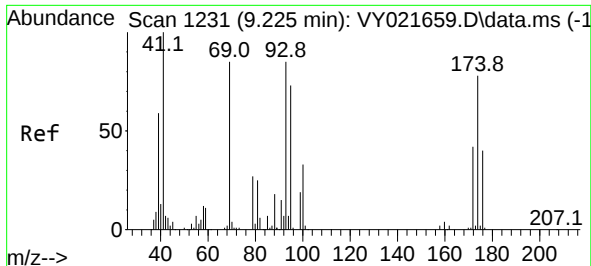
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#48
Methyl methacrylate
Concen: 52.485 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

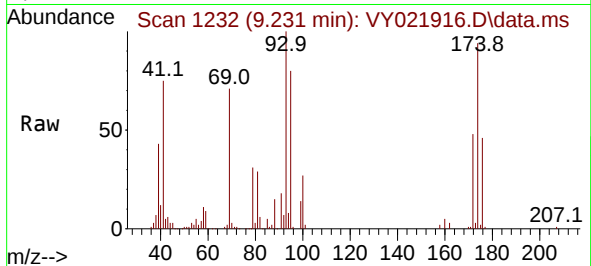
Tgt Ion: 41 Resp: 63040
Ion Ratio Lower Upper
41 100
69 87.4 69.8 104.8
39 59.3 47.2 70.8





#49
1,4-Dioxane
Concen: 989.598 ug/l
RT: 9.231 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

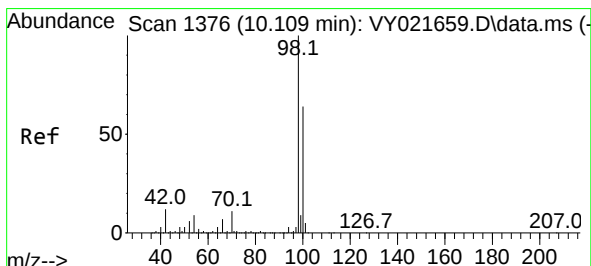
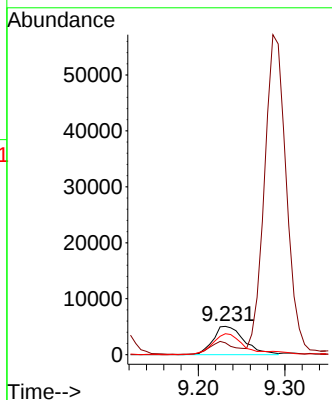
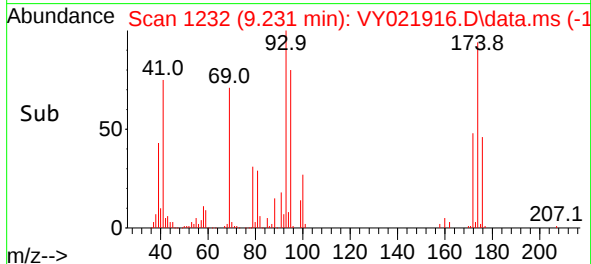
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1267
Ion Ratio Lower Upper
88 100
43 35.3 28.8 43.2
58 78.7 59.4 89.2

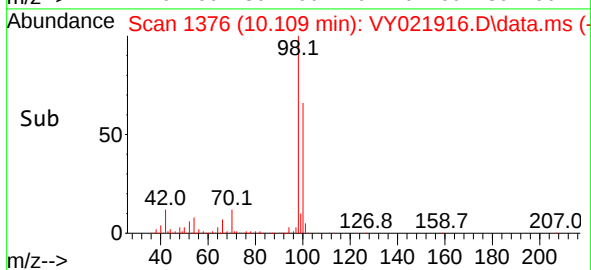
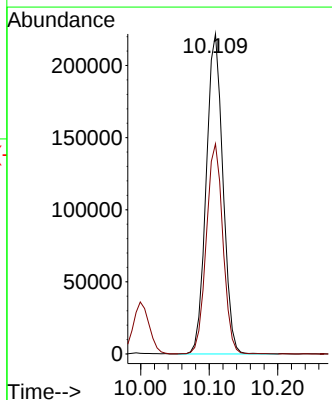
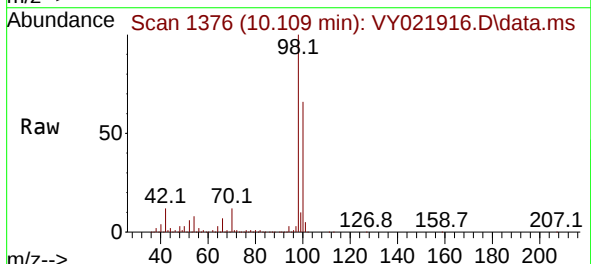
Manual Integrations
APPROVED

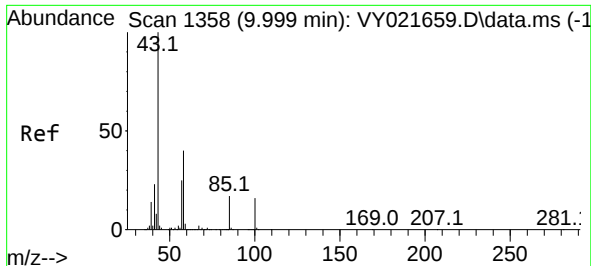
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#50
Toluene-d8
Concen: 51.348 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

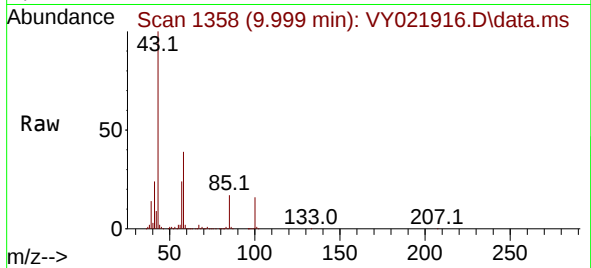
Tgt Ion: 98 Resp: 375267
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 275.774 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

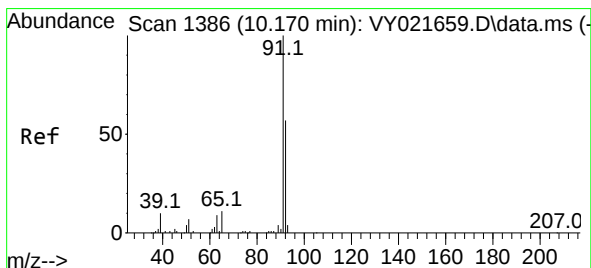
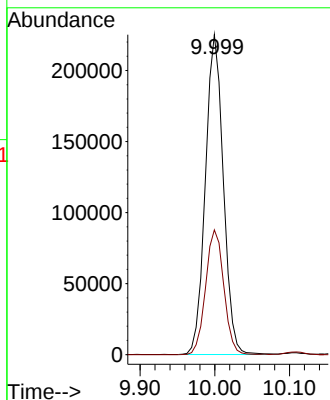
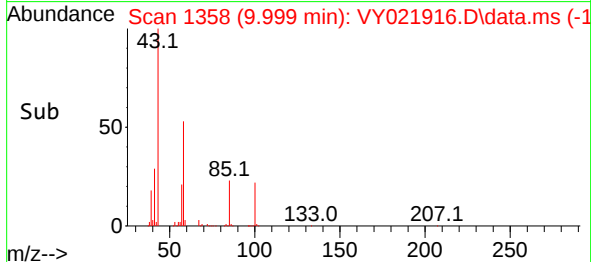
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



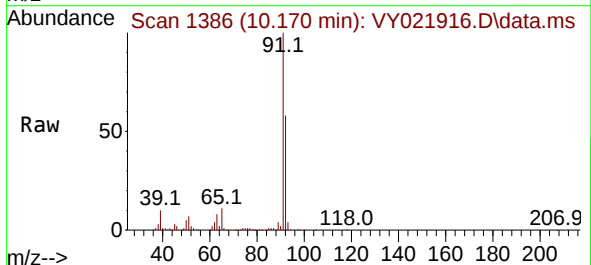
Tgt Ion: 43 Resp: 37557
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3

Manual Integrations
APPROVED

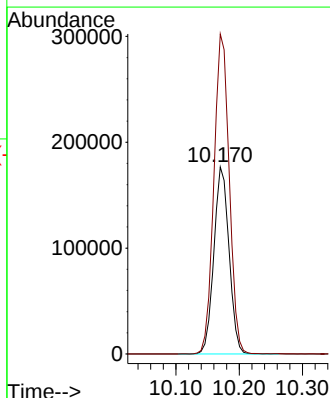
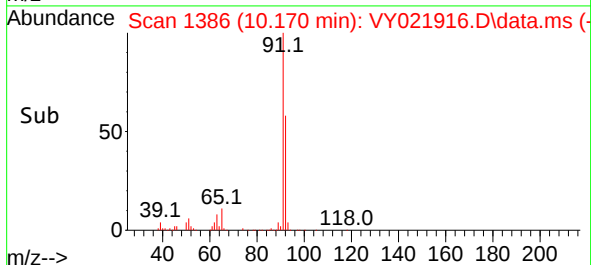
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

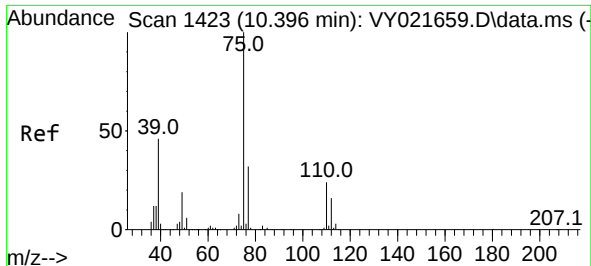


#52
Toluene
Concen: 53.638 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



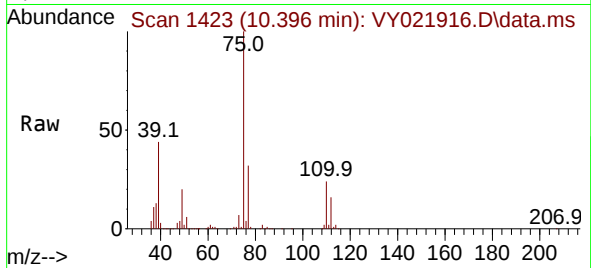
Tgt Ion: 92 Resp: 293255
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.529 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

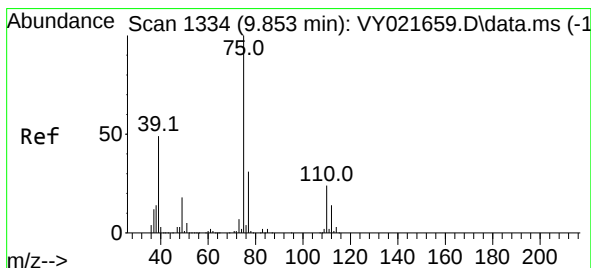
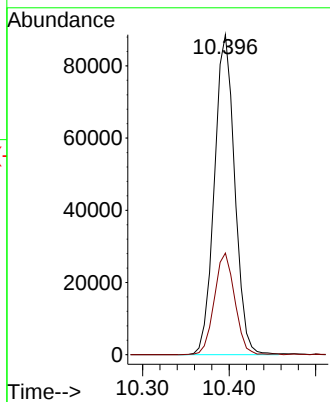
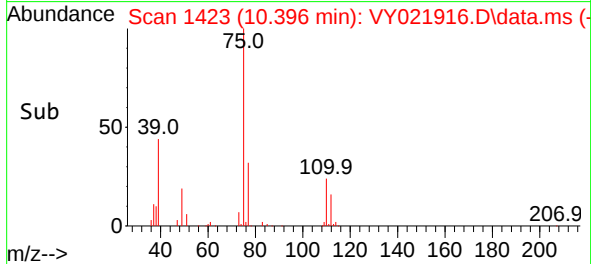
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 14452
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9

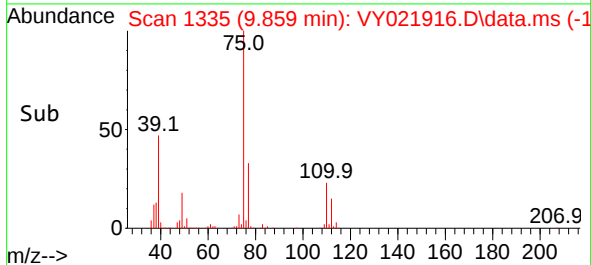
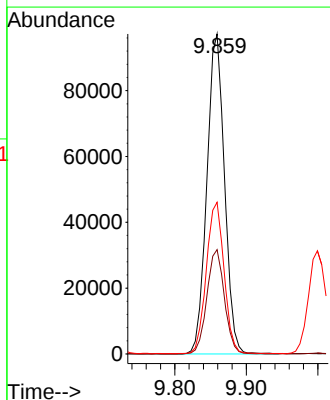
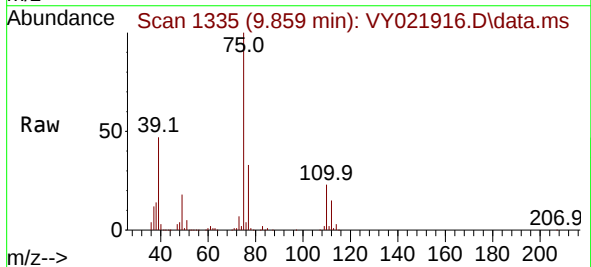
Manual Integrations
APPROVED

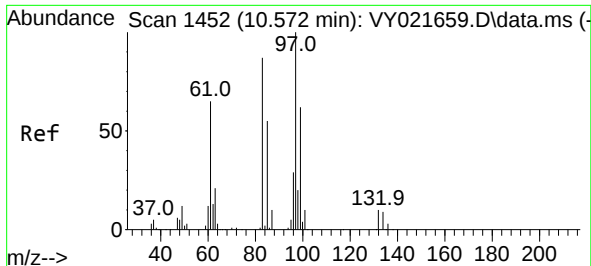
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#54
cis-1,3-Dichloropropene
Concen: 51.250 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

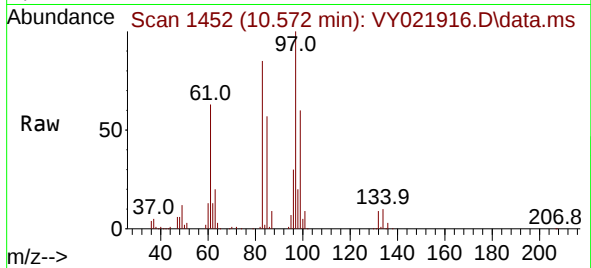
Tgt Ion: 75 Resp: 166351
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3
39 47.3 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 54.536 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

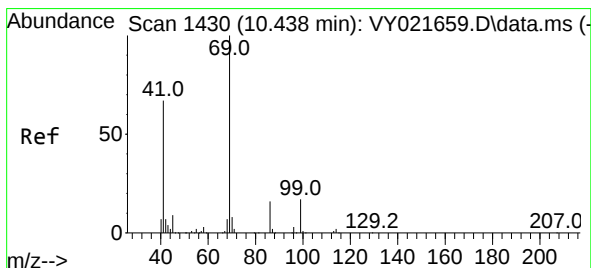
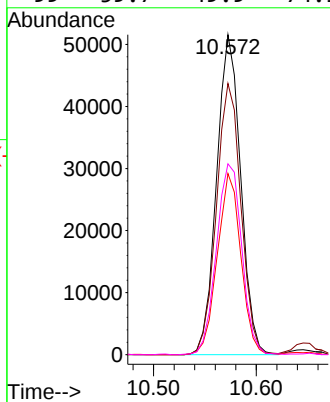
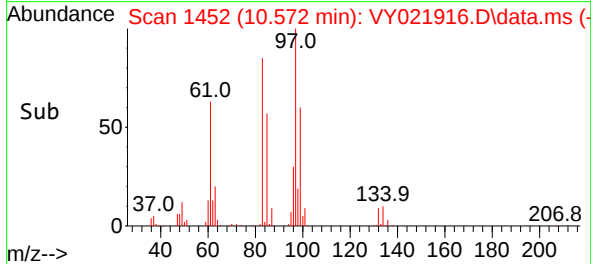
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



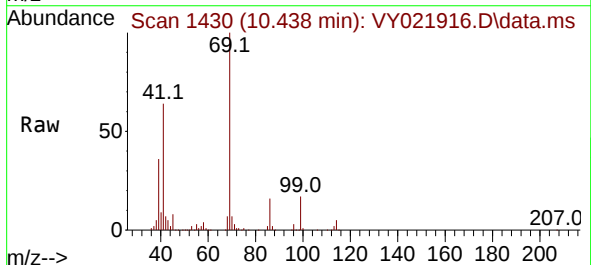
Tgt Ion:	97	Resp:	8389
Ion Ratio	100	Lower	Upper
97	100		
83	84.8	69.5	104.3
85	56.6	43.9	65.9
99	59.7	49.9	74.9

Manual Integrations
APPROVED

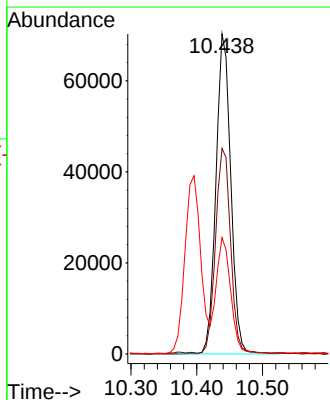
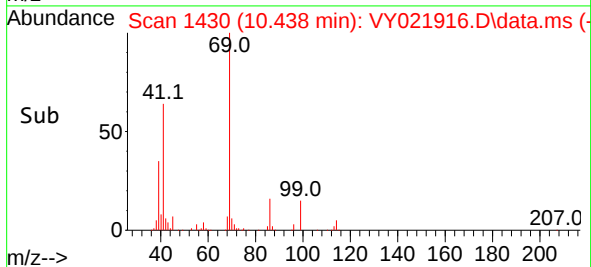
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

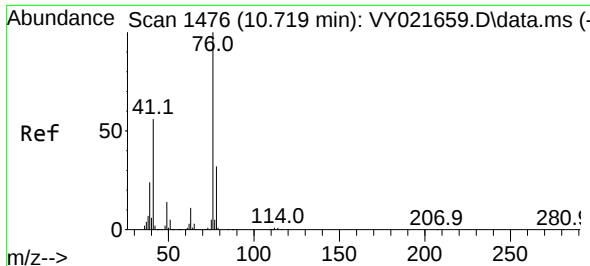


#56
Ethyl methacrylate
Concen: 56.107 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:	69	Resp:	110214
Ion Ratio	100	Lower	Upper
69	100		
41	64.6	53.8	80.6
39	34.9	29.6	44.4





#57

1,3-Dichloropropane

Concen: 53.309 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 141630

Ion Ratio Lower Upper

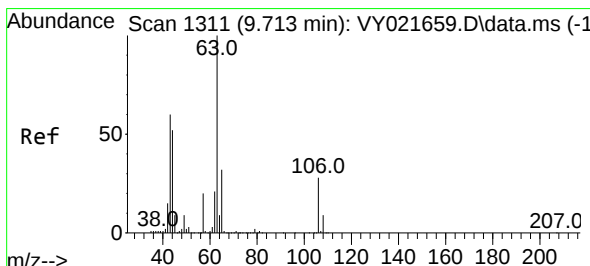
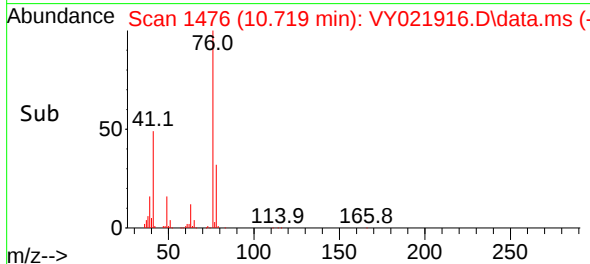
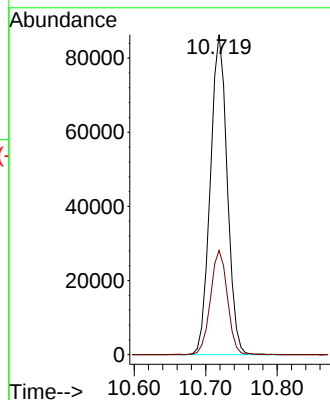
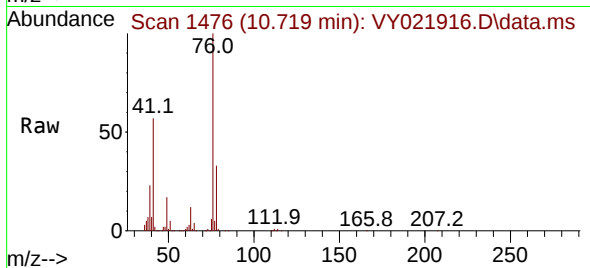
76 100

78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 304.794 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021916.D

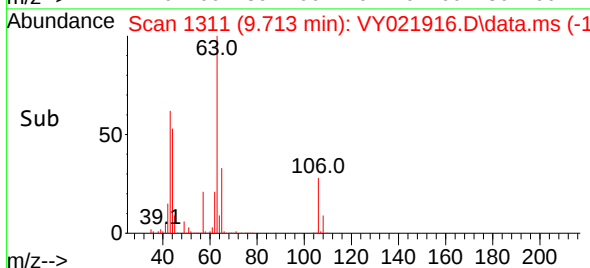
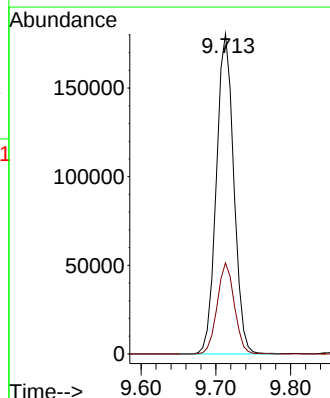
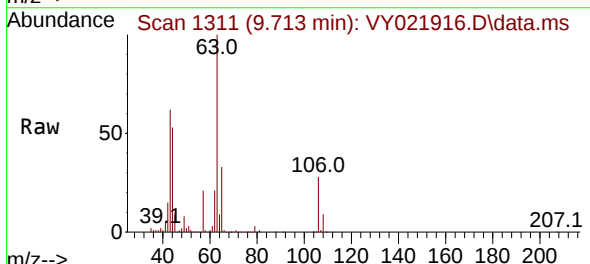
Acq: 18 Apr 2025 08:46

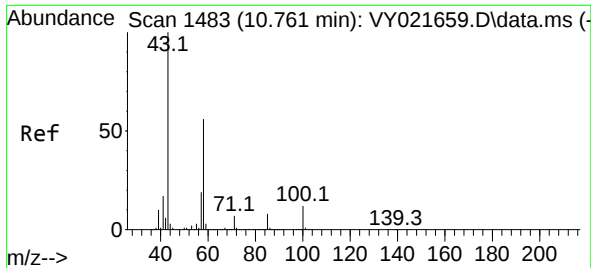
Tgt Ion: 63 Resp: 292076

Ion Ratio Lower Upper

63 100

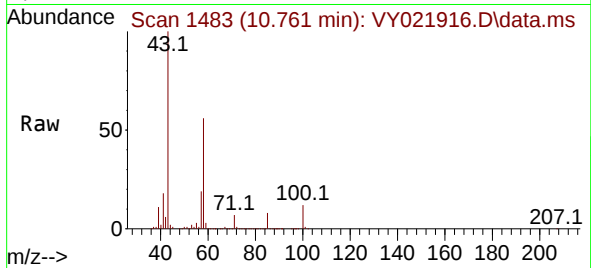
106 28.0 22.4 33.6





#59
2-Hexanone
Concen: 277.258 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

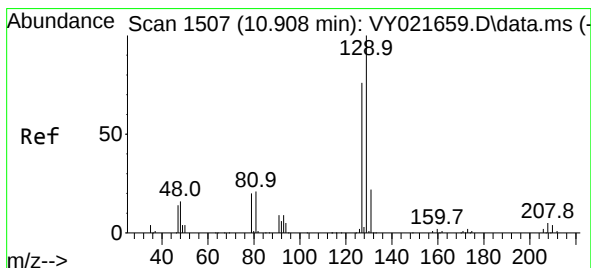
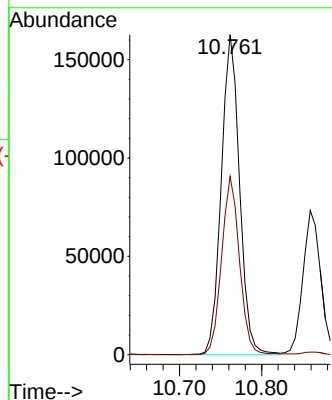
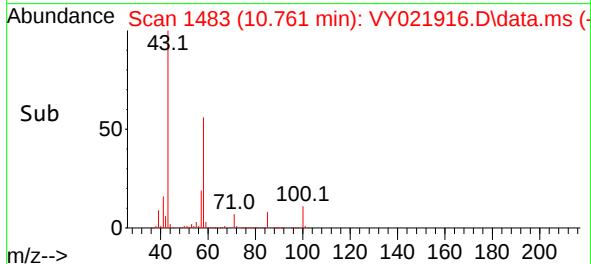
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



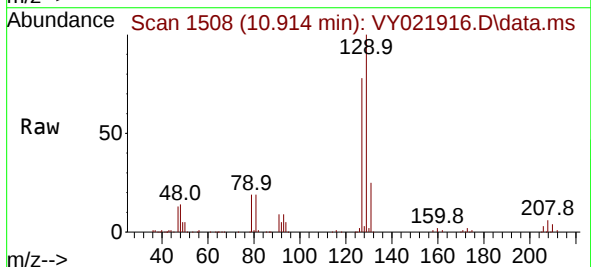
Tgt Ion: 43 Resp: 251472
Ion Ratio Lower Upper
43 100
58 54.5 27.2 81.5

Manual Integrations
APPROVED

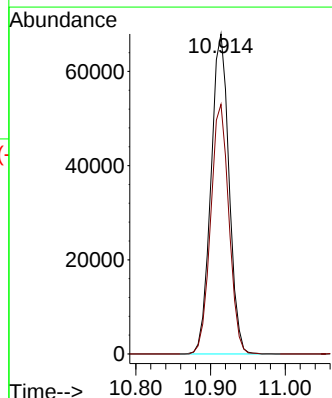
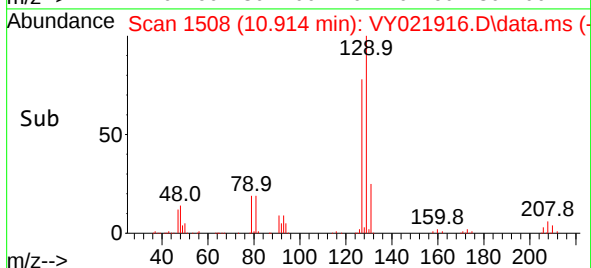
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

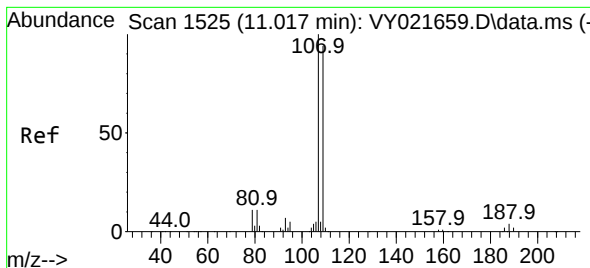


#60
Dibromochloromethane
Concen: 54.328 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:129 Resp: 114110
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





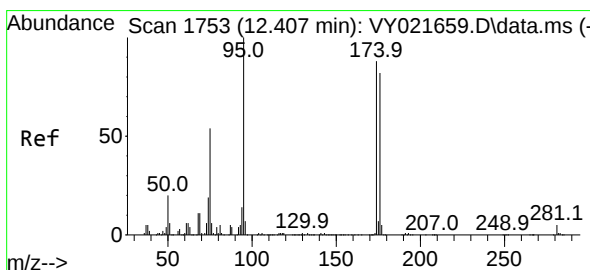
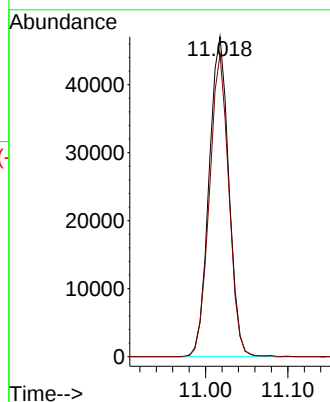
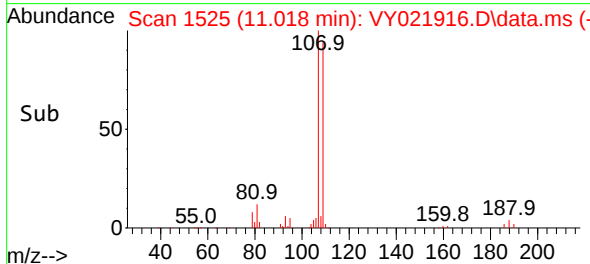
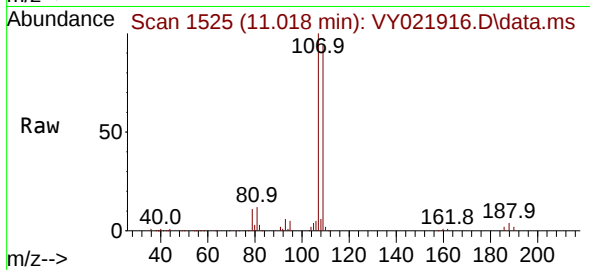
#61
1,2-Dibromoethane
Concen: 54.532 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 78690
Ion Ratio Lower Upper
107 100
109 92.8 74.4 111.6

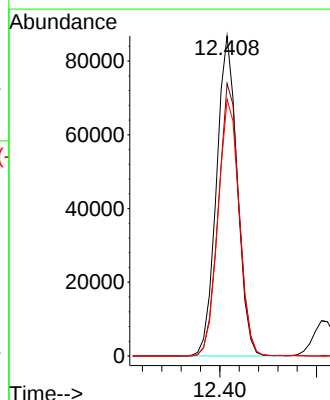
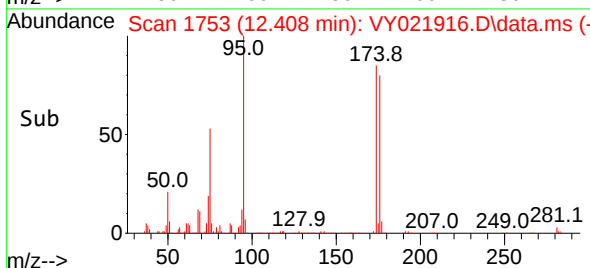
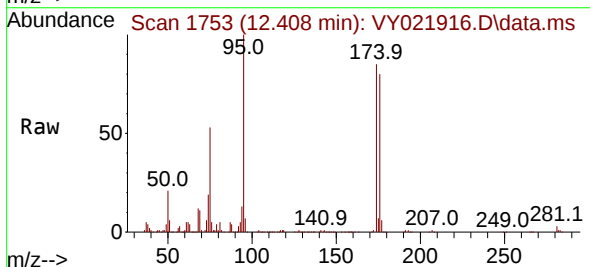
Manual Integrations
APPROVED

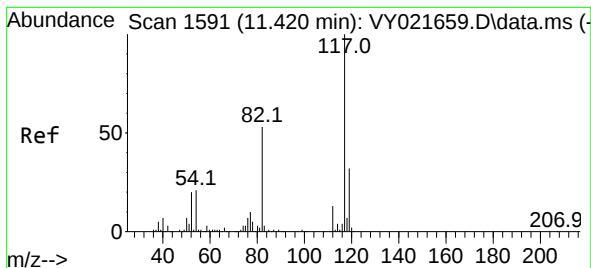
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#62
4-Bromofluorobenzene
Concen: 52.207 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Tgt Ion: 95 Resp: 129057
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

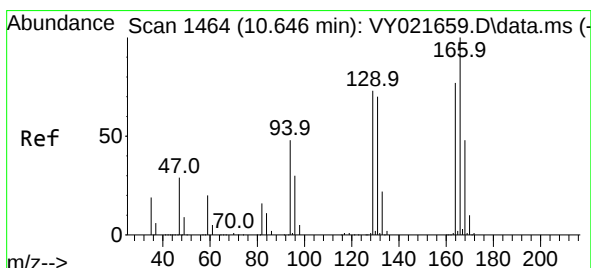
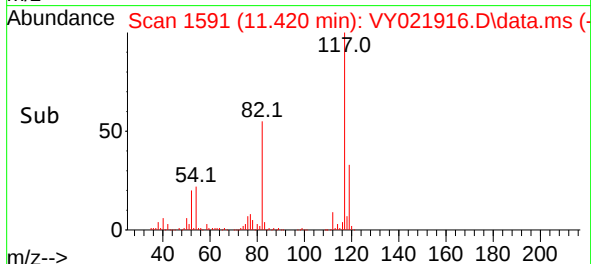
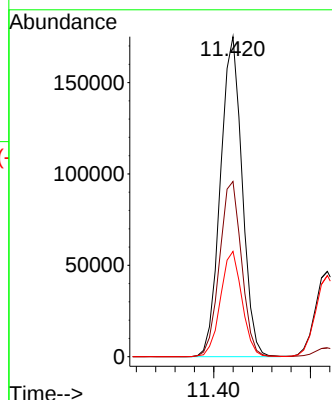
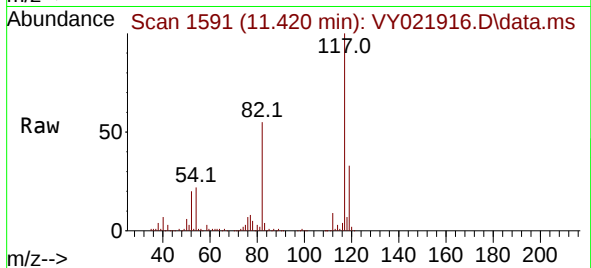
Tgt Ion:117 Resp: 272274

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.8	64.2
119	32.9	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#64

Tetrachloroethene

Concen: 55.060 ug/l

RT: 10.646 min Scan# 1464

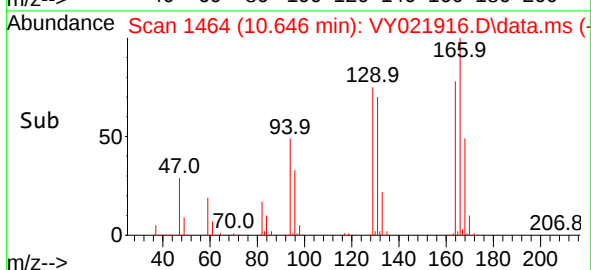
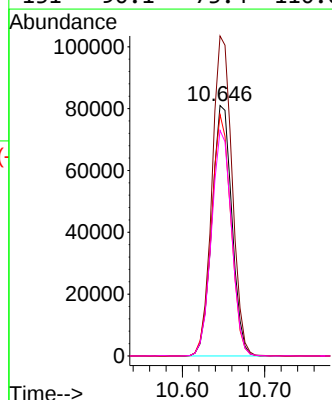
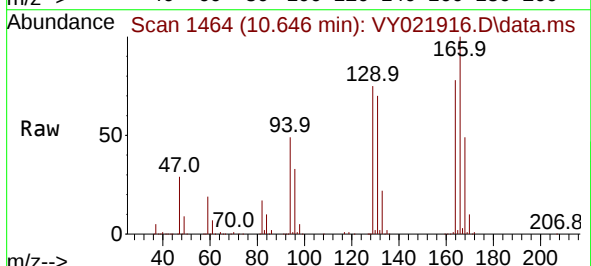
Delta R.T. 0.000 min

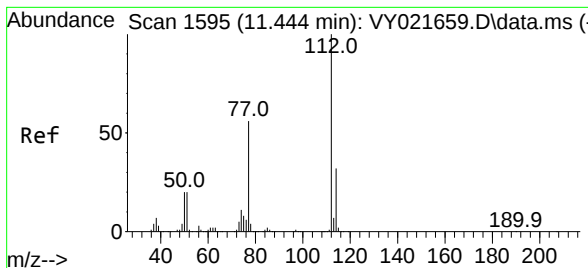
Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion:164 Resp: 136538

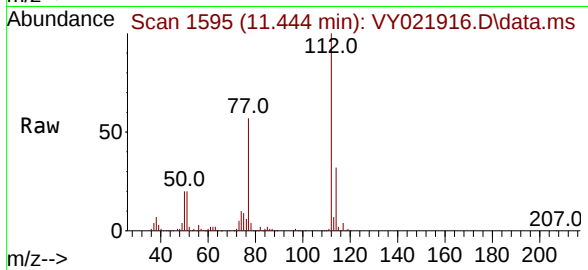
Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.6	156.8
129	96.4	76.6	114.8
131	90.1	73.4	110.0





#65
Chlorobenzene
Concen: 50.857 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

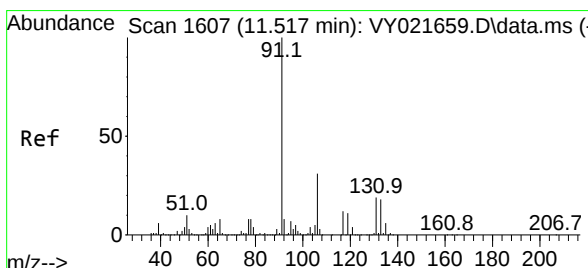
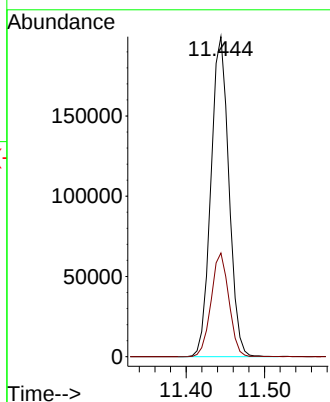
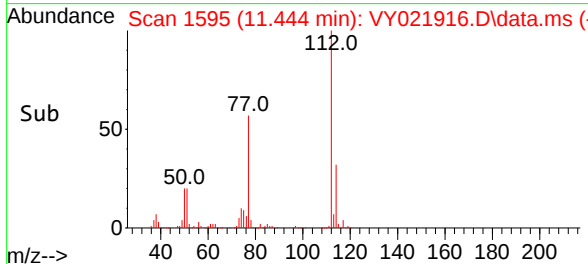
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



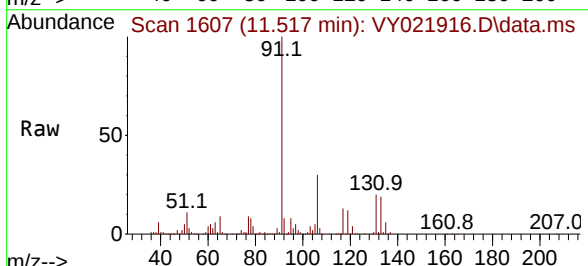
Tgt Ion:112 Resp: 31742
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

Manual Integrations
APPROVED

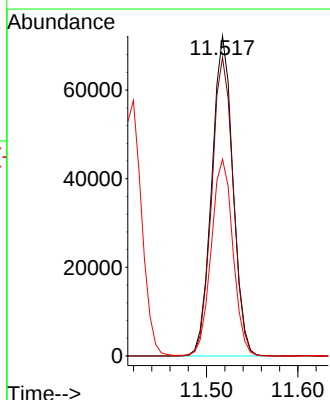
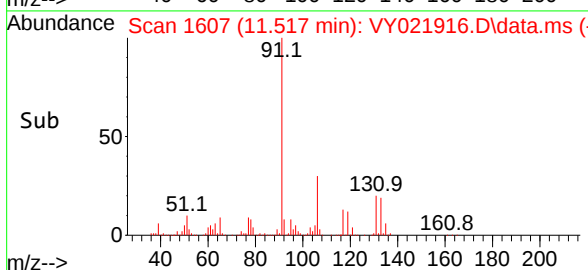
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

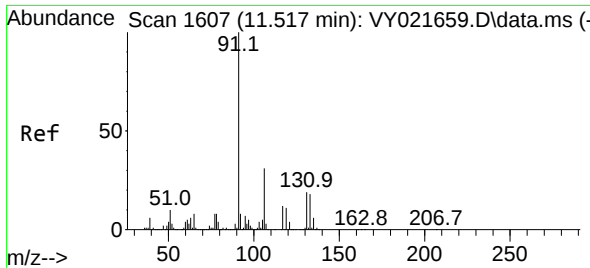


#66
1,1,1,2-Tetrachloroethane
Concen: 52.440 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:131 Resp: 116126
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 63.0 31.6 95.0





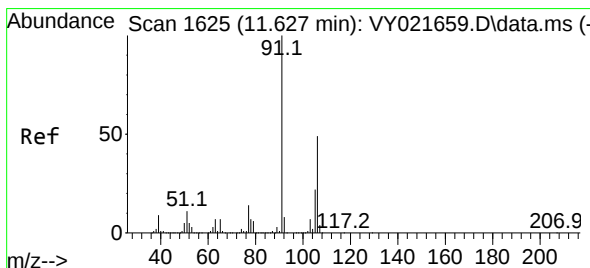
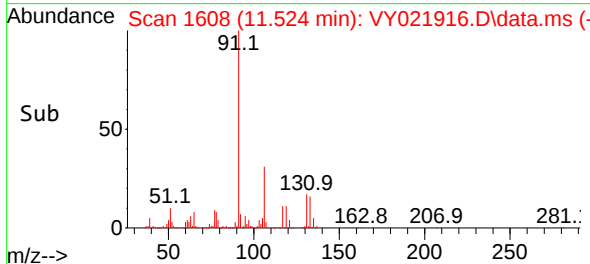
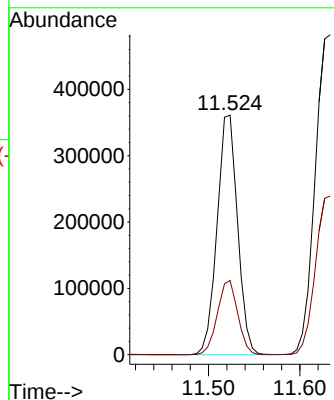
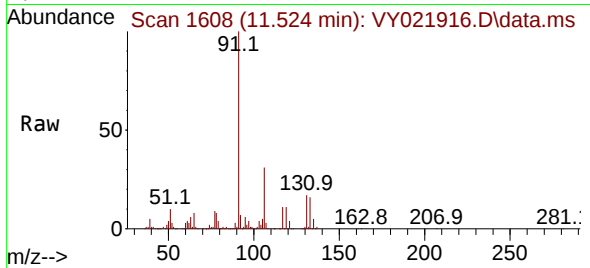
#67
Ethyl Benzene
Concen: 52.648 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 563470
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

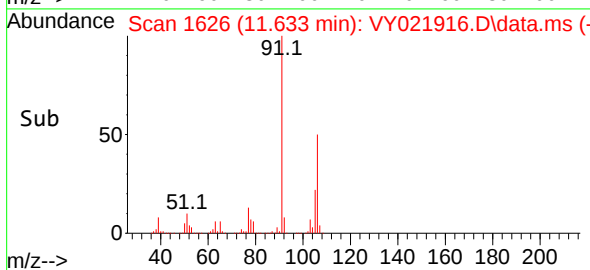
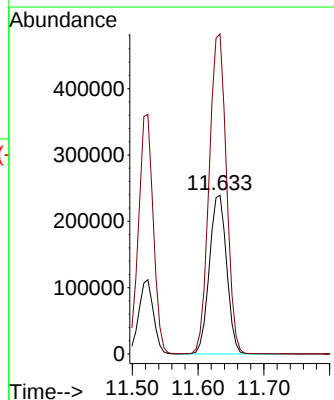
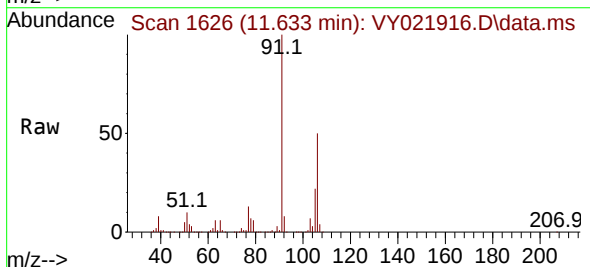
Manual Integrations
APPROVED

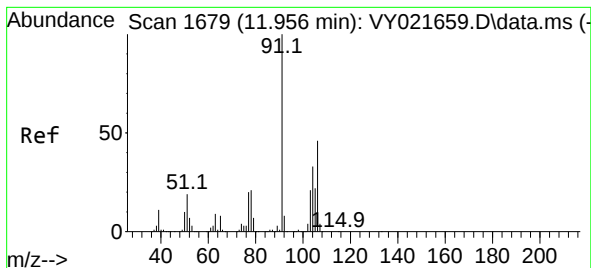
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#68
m/p-Xylenes
Concen: 106.592 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

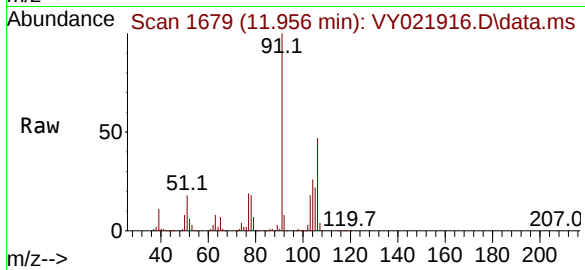
Tgt Ion:106 Resp: 436849
Ion Ratio Lower Upper
106 100
91 202.0 162.4 243.6





#69
o-Xylene
Concen: 52.995 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

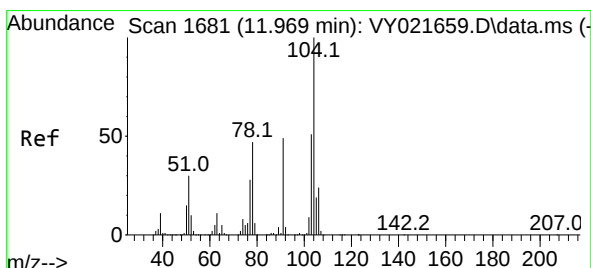
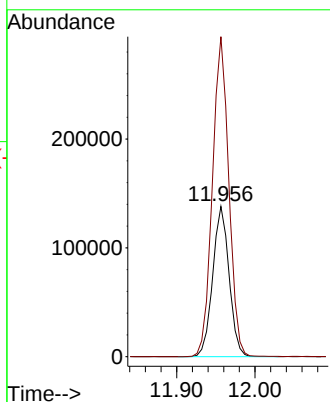
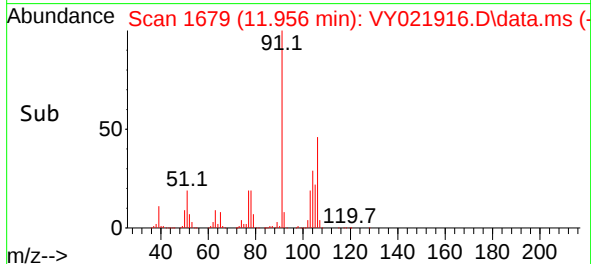
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



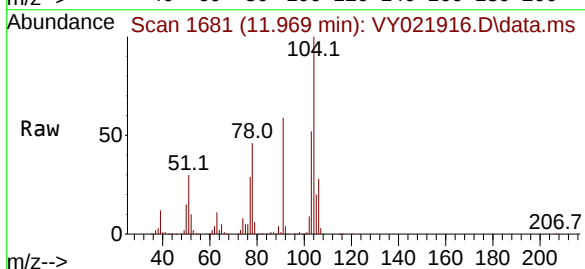
Tgt Ion:106 Resp: 200484
Ion Ratio Lower Upper
106 100
91 213.5 106.7 319.9

Manual Integrations
APPROVED

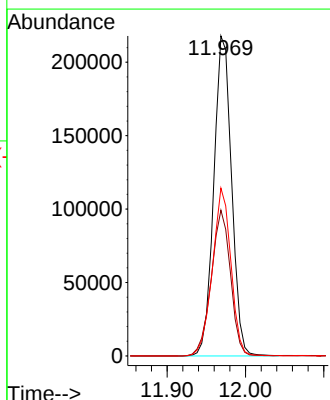
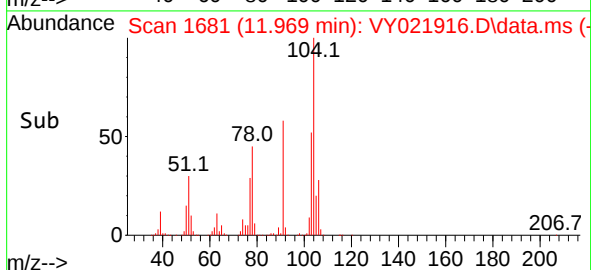
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

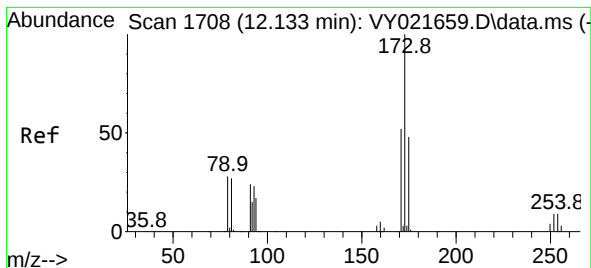


#70
Styrene
Concen: 54.654 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:104 Resp: 344739
Ion Ratio Lower Upper
104 100
78 49.3 40.8 61.2
103 54.6 44.2 66.2





#71

Bromoform

Concen: 54.365 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

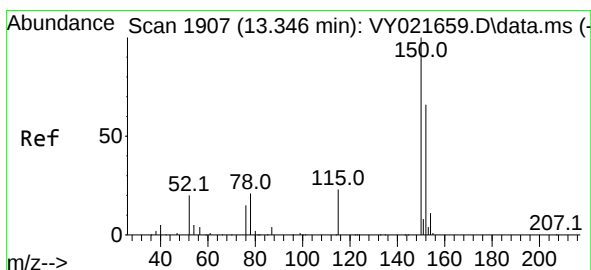
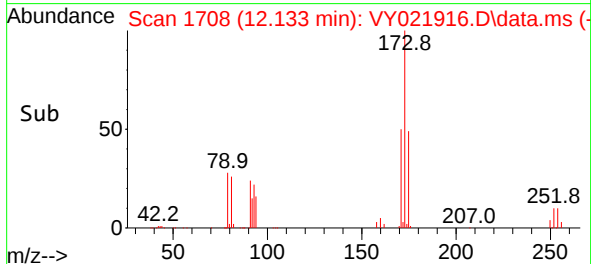
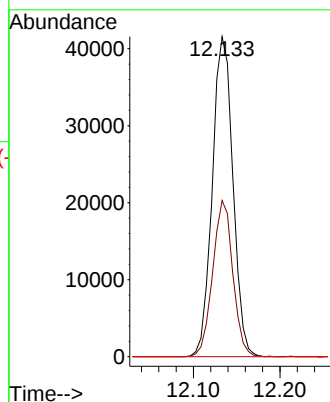
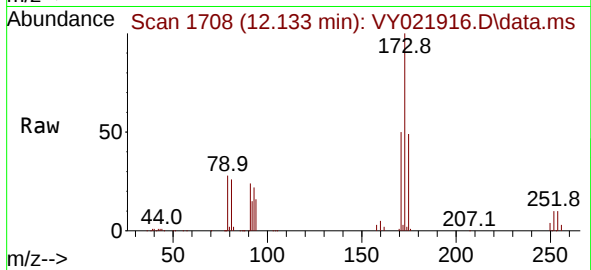
VSTDCCC050

Tgt Ion:173	Resp: 68672
Ion Ratio	Lower Upper
173	100
175	47.7 24.3 73.0
254	0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

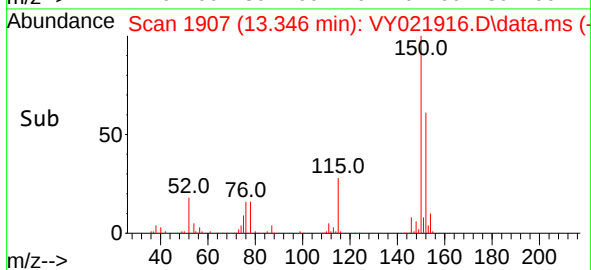
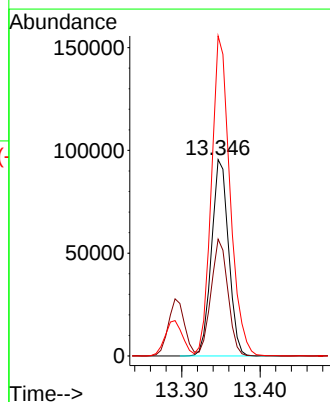
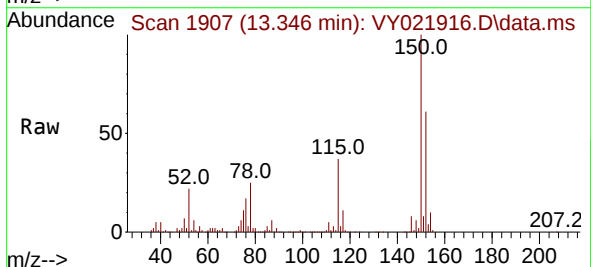
RT: 13.346 min Scan# 1907

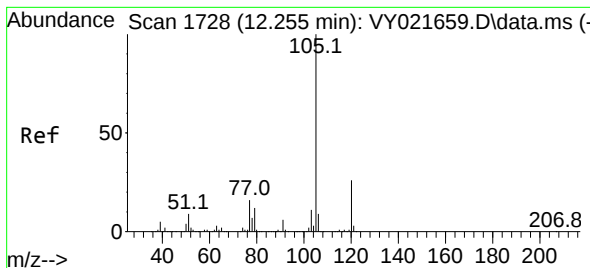
Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion:152	Resp: 144541
Ion Ratio	Lower Upper
152	100
115	58.3 28.8 86.5
150	177.1 0.0 348.4





#73

Isopropylbenzene

Concen: 49.836 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 53502

Ion Ratio Lower Upper

105 100

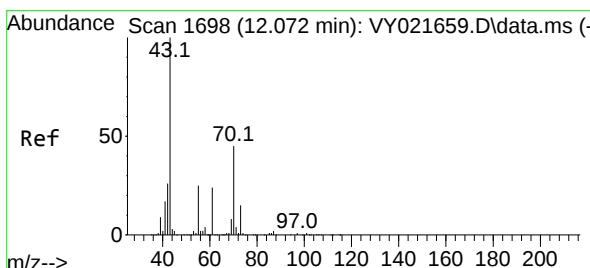
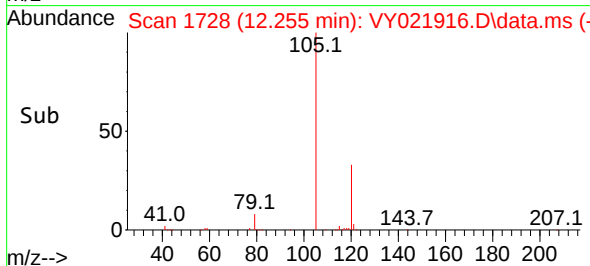
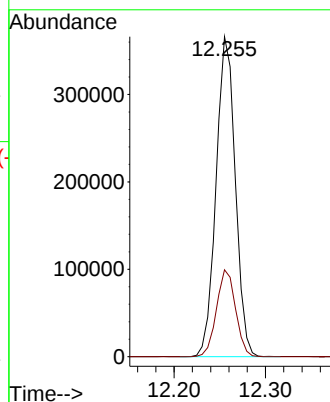
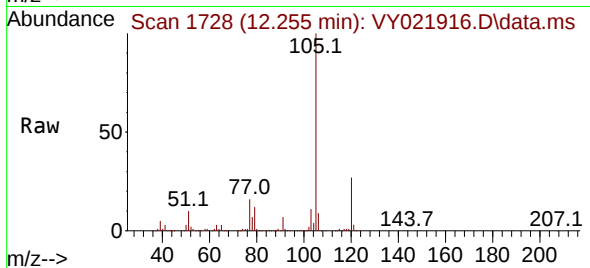
120 26.9 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025

Supervised By :Semsettin Yesilyurt 04/21/2025



#74

N-ethyl acetate

Concen: 47.731 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion: 43 Resp: 120260

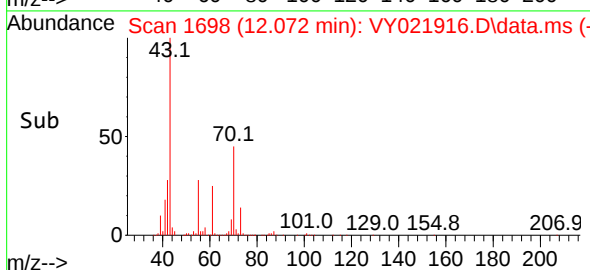
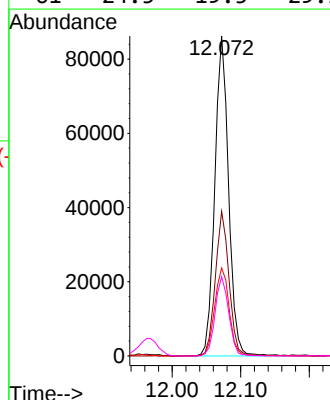
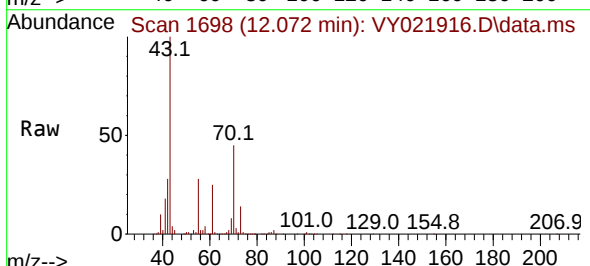
Ion Ratio Lower Upper

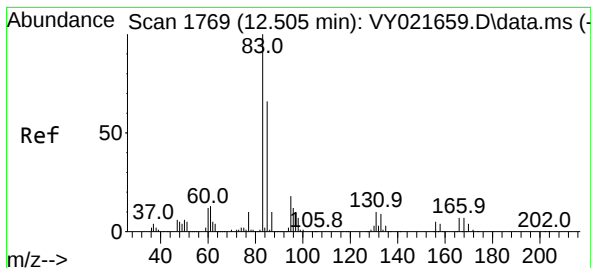
43 100

70 44.8 34.7 52.1

55 29.1 21.2 31.8

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.122 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

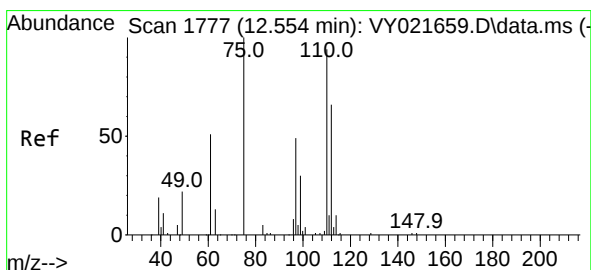
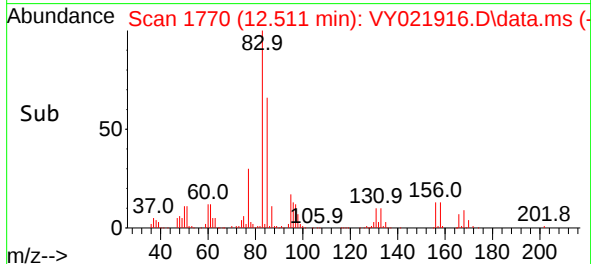
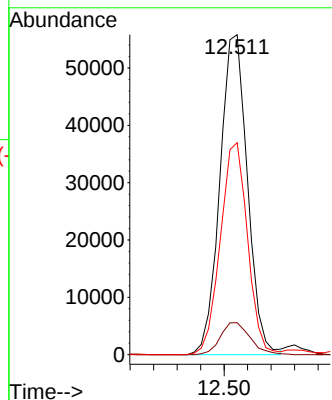
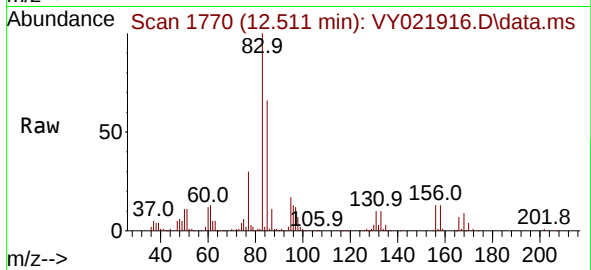
VSTDCCC050

Tgt Ion: 83	Resp: 9095
Ion Ratio	Lower Upper
83 100	
131 10.8	5.1 15.3
85 65.5	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#76

1,2,3-Trichloropropane

Concen: 52.870 ug/l m

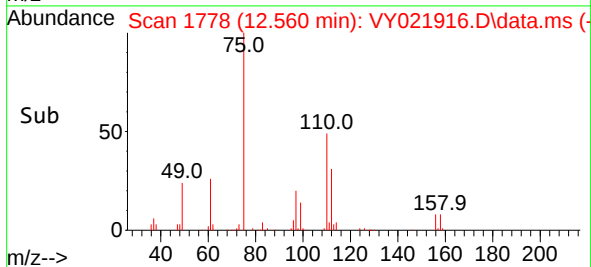
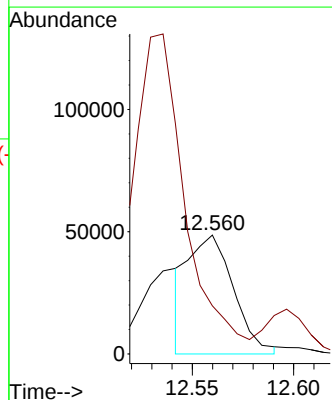
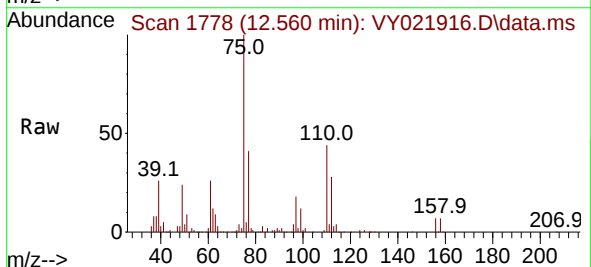
RT: 12.560 min Scan# 1778

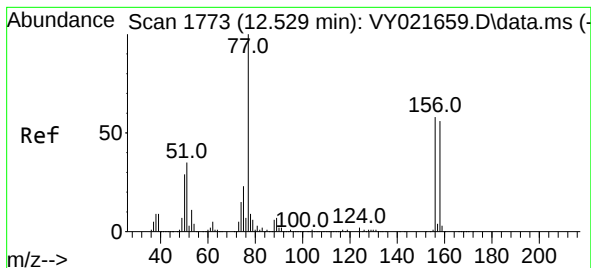
Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion: 75	Resp: 75750
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 50.352 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

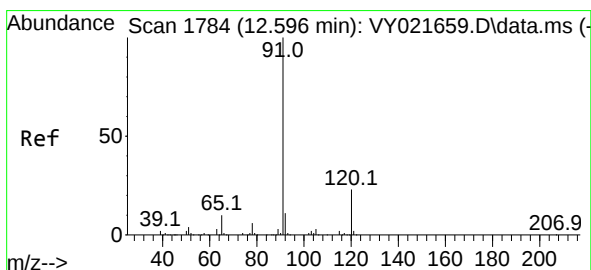
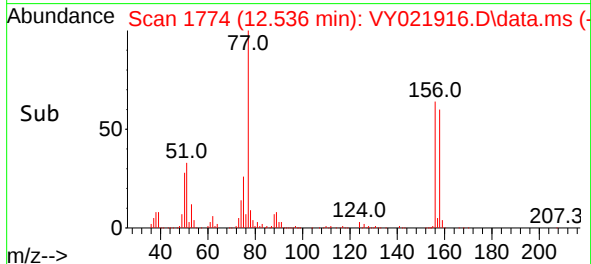
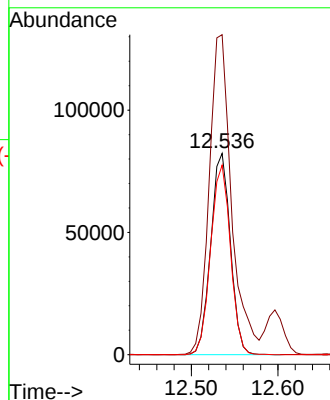
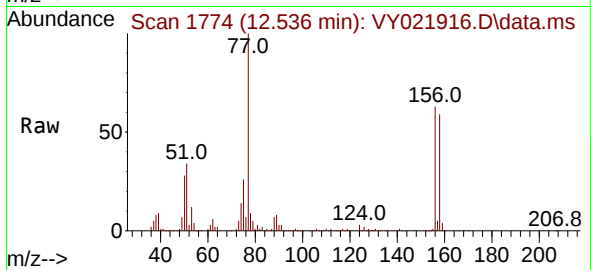
VSTDCCC050

Tgt Ion:156 Resp: 12978
Ion Ratio Lower Upper
156 100
77 180.9 92.8 278.3
158 94.9 48.5 145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#78

n-propylbenzene

Concen: 50.782 ug/l

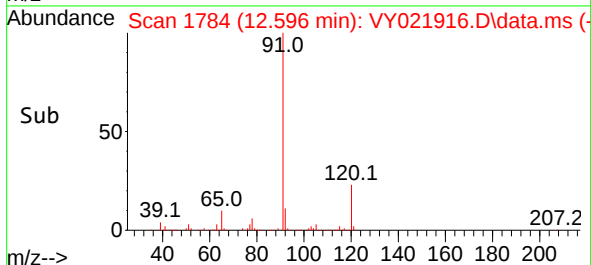
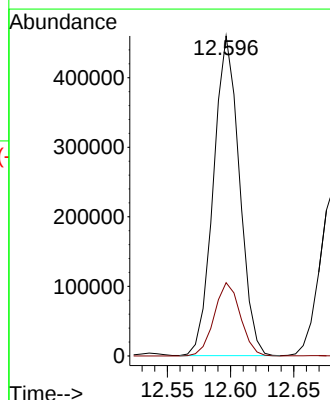
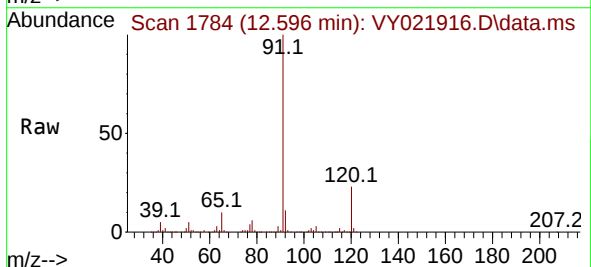
RT: 12.596 min Scan# 1784

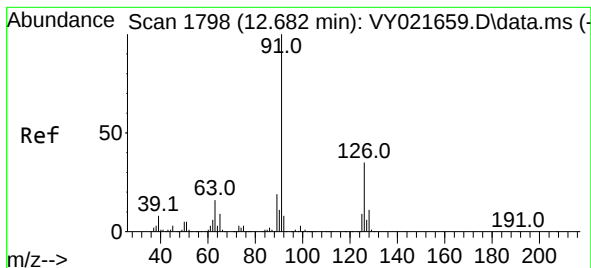
Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

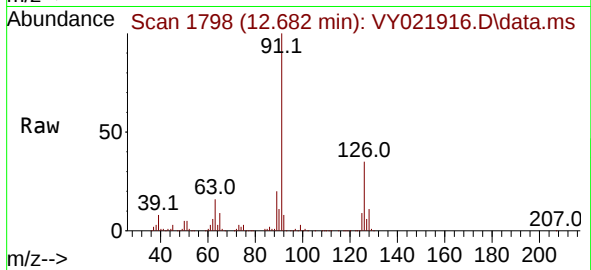
Tgt Ion: 91 Resp: 655431
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79
2-Chlorotoluene
Concen: 49.566 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

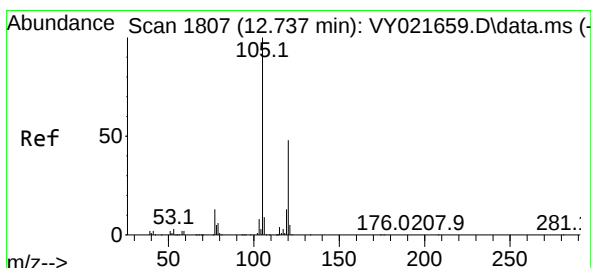
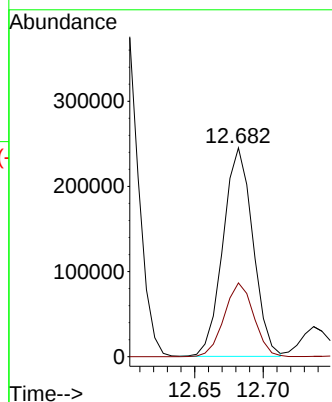
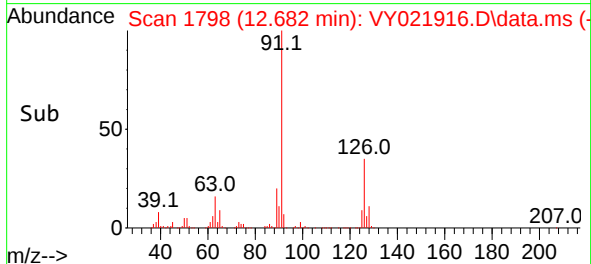
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



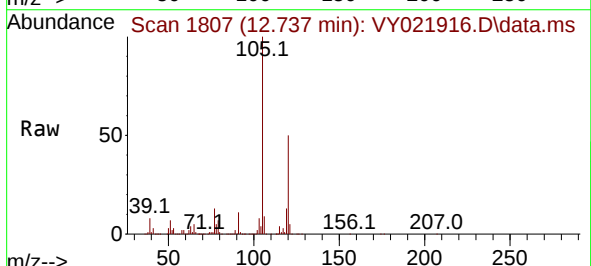
Tgt Ion: 91 Resp: 371574
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

Manual Integrations
APPROVED

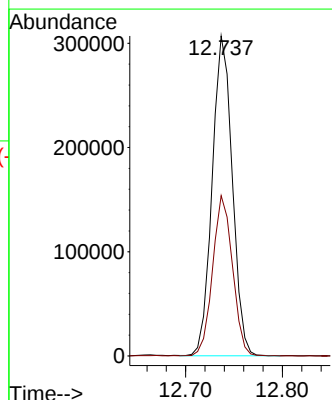
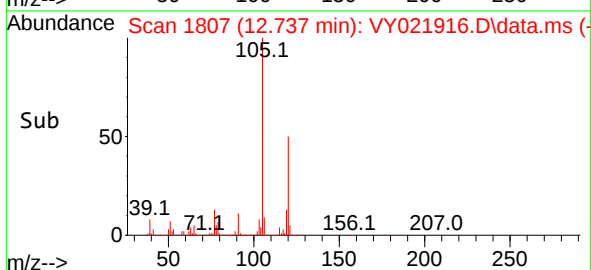
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

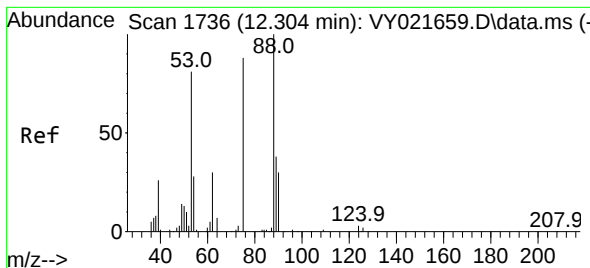


#80
1,3,5-Trimethylbenzene
Concen: 50.555 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



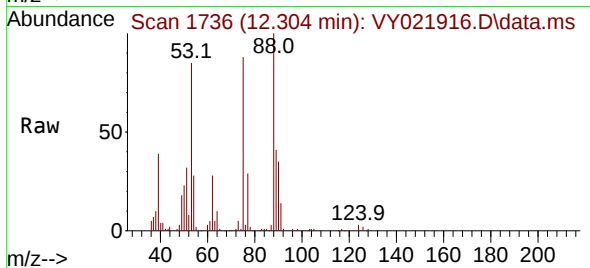
Tgt Ion:105 Resp: 443579
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 47.093 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

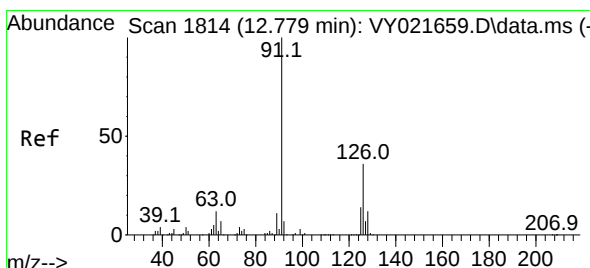
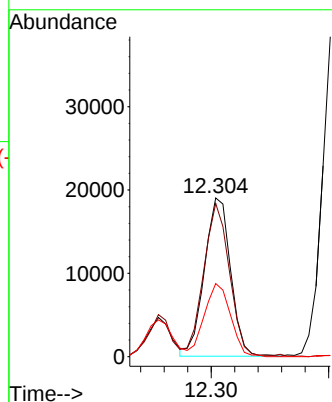
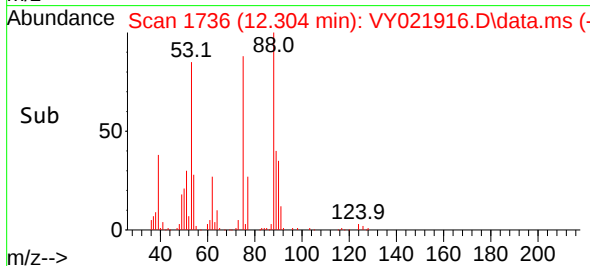
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2928
Ion Ratio Lower Upper
75 100
53 94.9 76.1 114.1
89 46.4 36.2 54.4

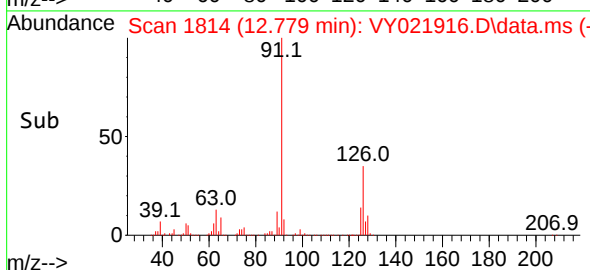
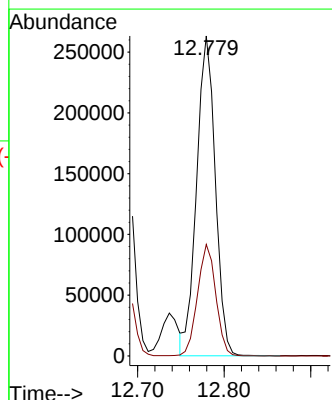
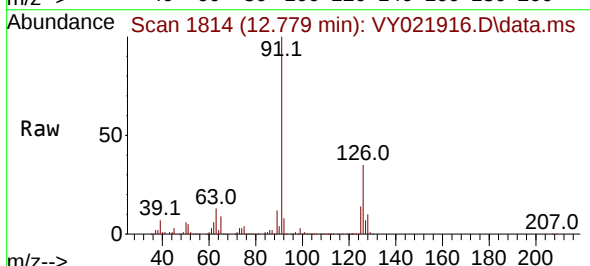
Manual Integrations
APPROVED

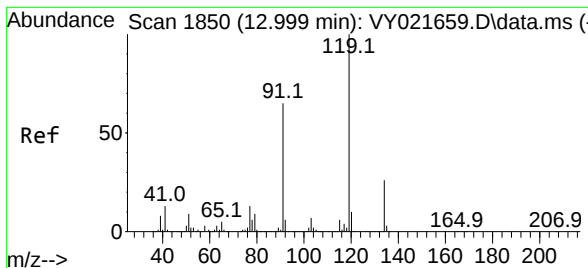
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#82
4-Chlorotoluene
Concen: 50.372 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

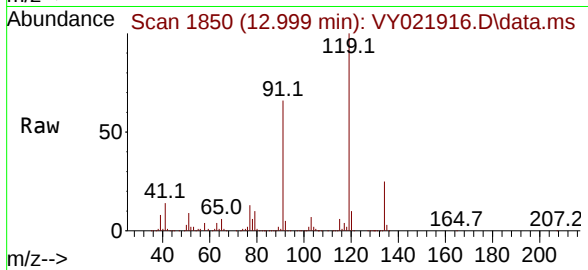
Tgt Ion: 91 Resp: 393675
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 49.688 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

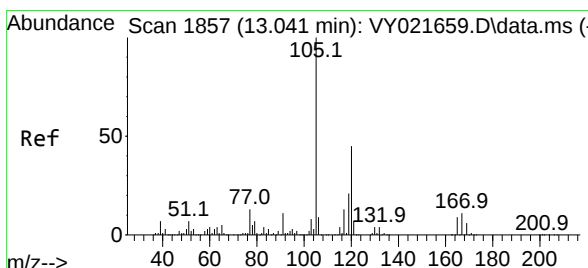
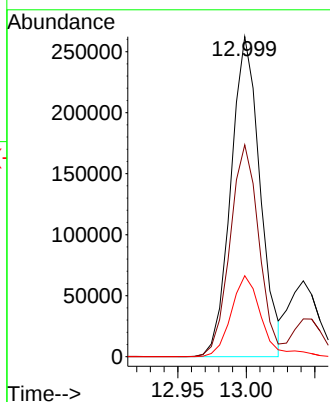
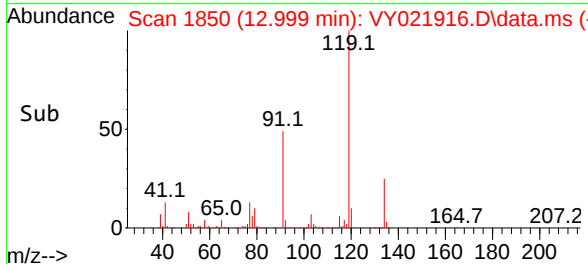
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



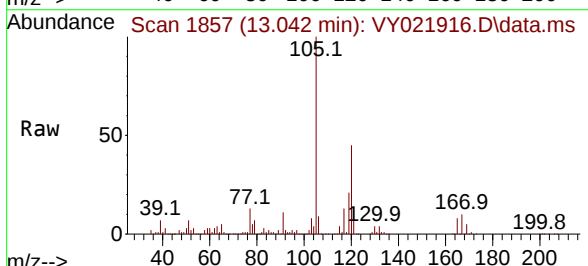
Tgt Ion:119 Resp: 388318
Ion Ratio Lower Upper
119 100
91 65.5 32.6 97.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

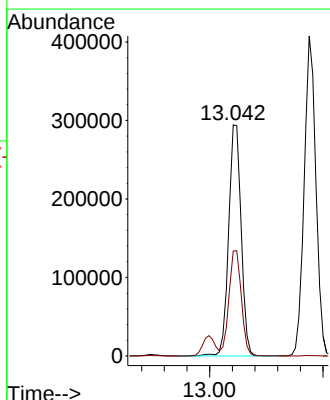
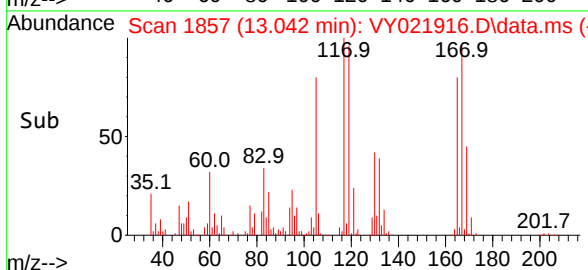
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

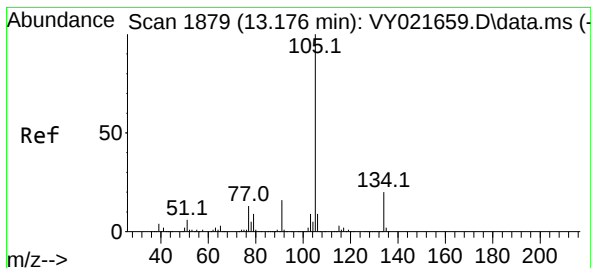


#84
1,2,4-Trimethylbenzene
Concen: 51.863 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:105 Resp: 449752
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.120 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 58383

Ion Ratio Lower Upper

105 100

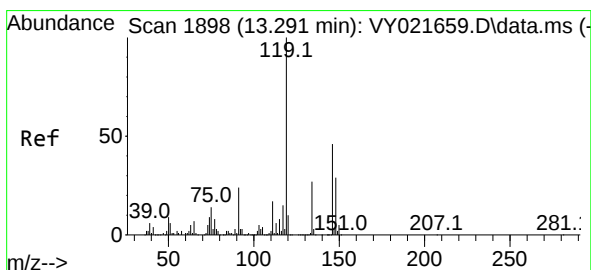
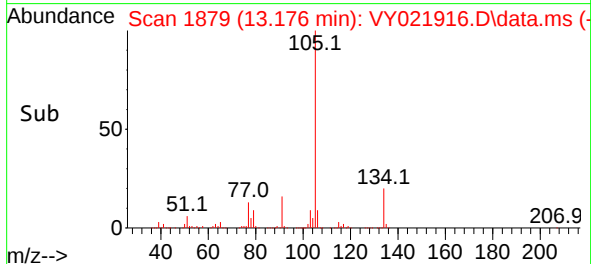
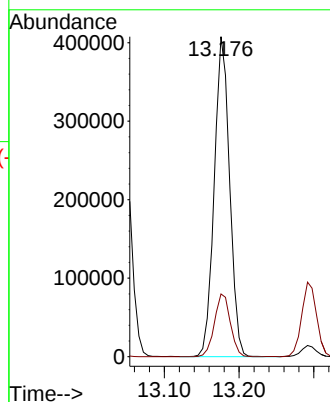
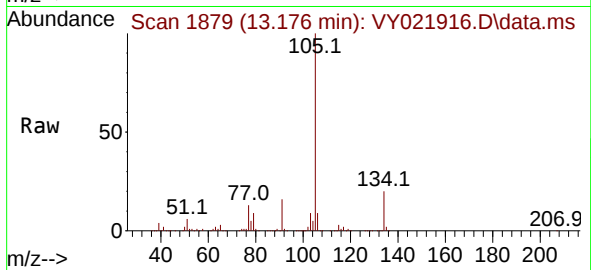
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025

Supervised By :Semsettin Yesilyurt 04/21/2025



#86

p-Isopropyltoluene

Concen: 52.214 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

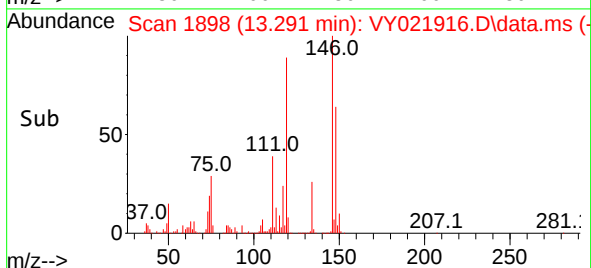
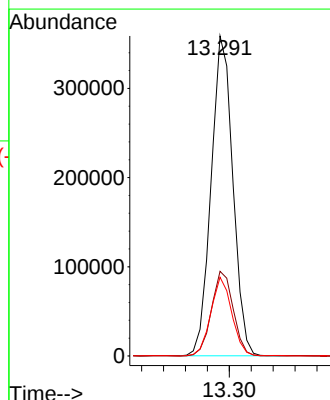
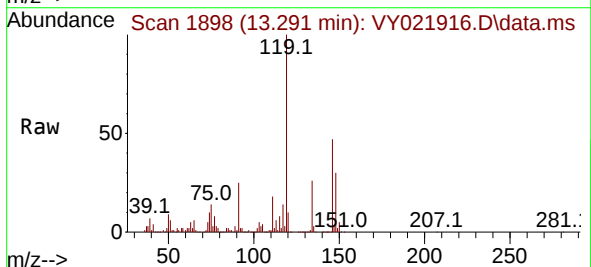
Tgt Ion:119 Resp: 492874

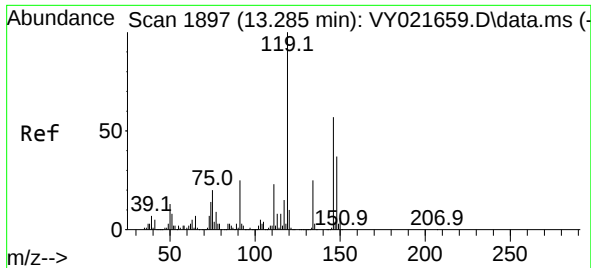
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

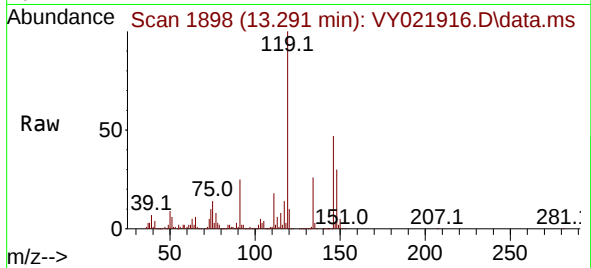
91 23.8 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 50.214 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

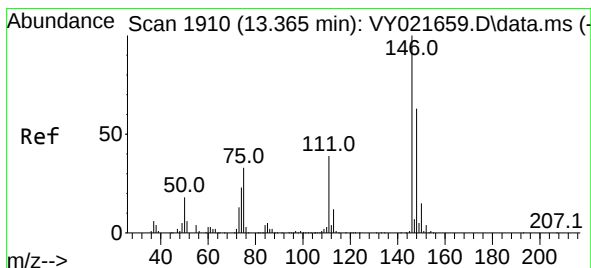
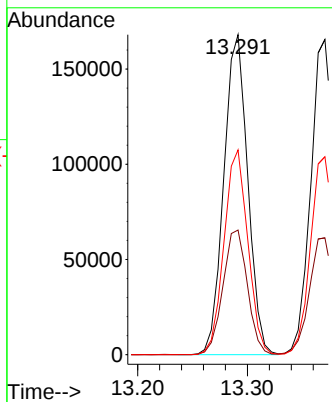
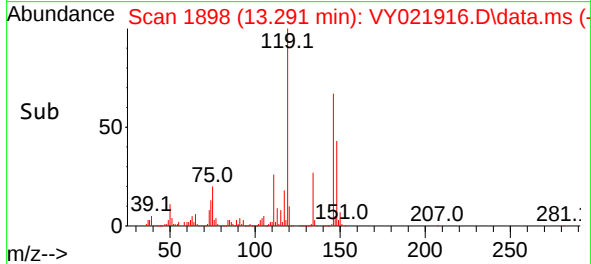
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



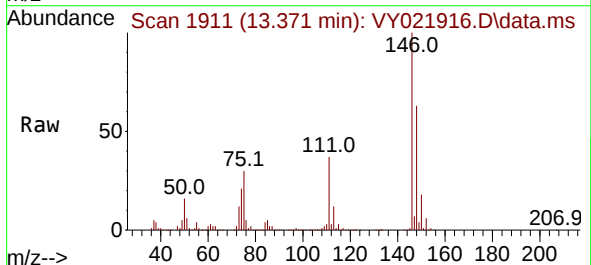
Tgt Ion:146 Resp: 255004
Ion Ratio Lower Upper
146 100
111 39.8 20.0 60.0
148 63.6 31.8 95.4

Manual Integrations
APPROVED

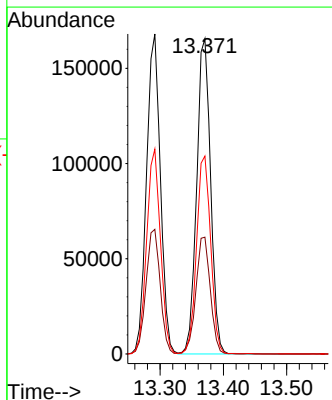
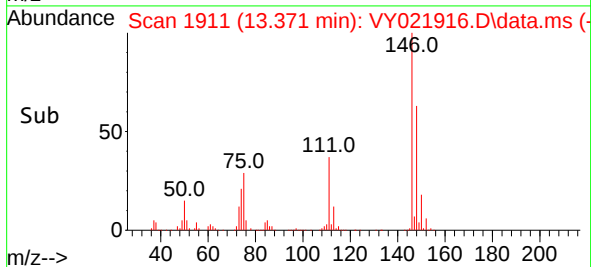
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025

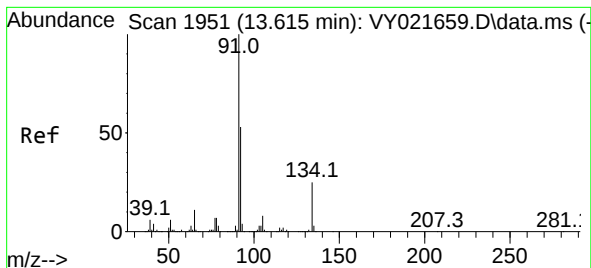


#88
1,4-Dichlorobenzene
Concen: 50.598 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46



Tgt Ion:146 Resp: 253871
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 51.503 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

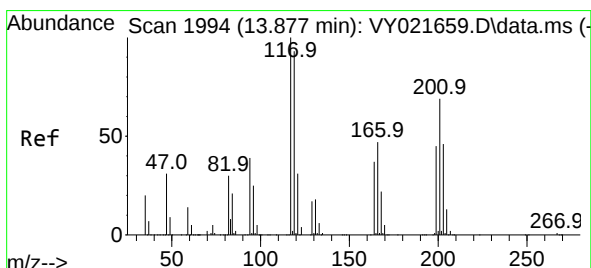
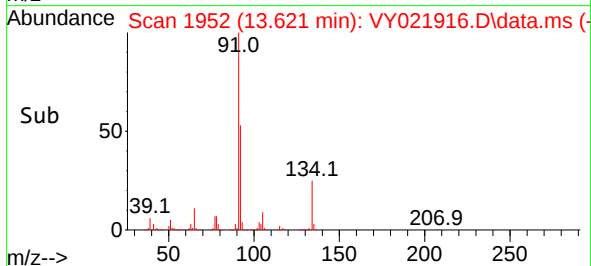
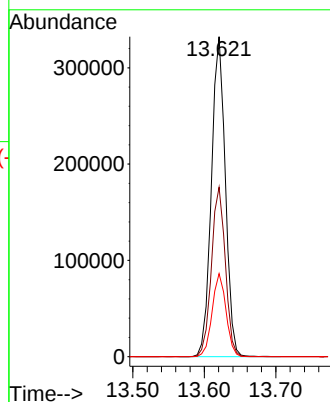
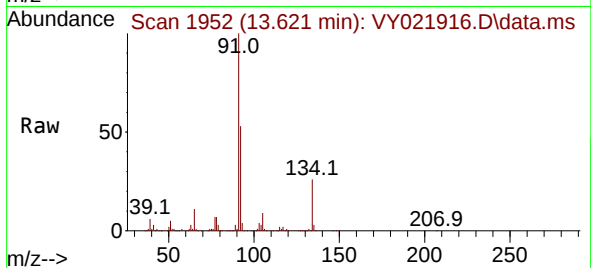
Tgt Ion: 91 Resp: 44960

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	25.8	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#90

Hexachloroethane

Concen: 49.535 ug/l

RT: 13.883 min Scan# 1995

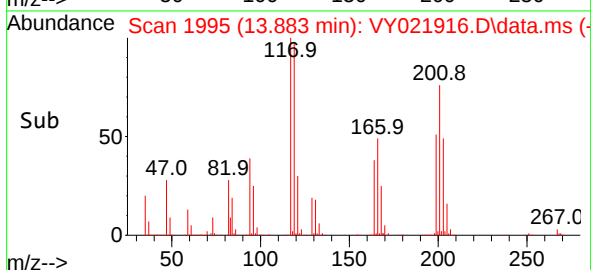
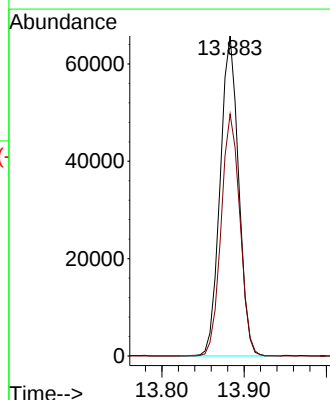
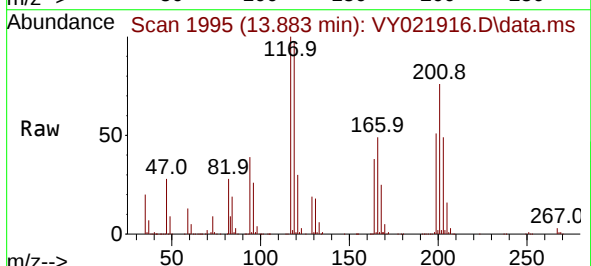
Delta R.T. 0.006 min

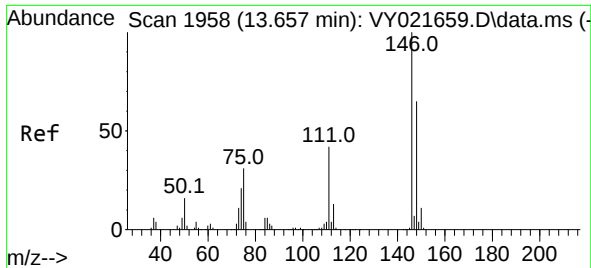
Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion:117 Resp: 102465

Ion	Ratio	Lower	Upper
117	100		
201	76.8	37.4	112.1





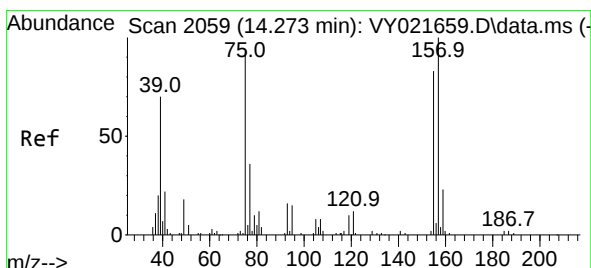
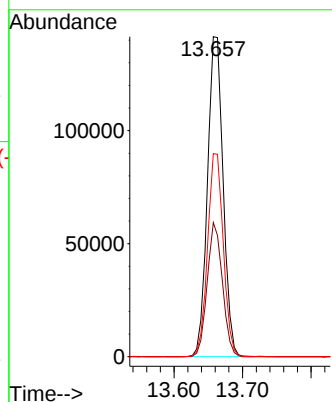
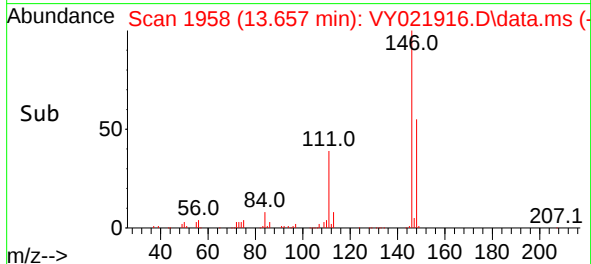
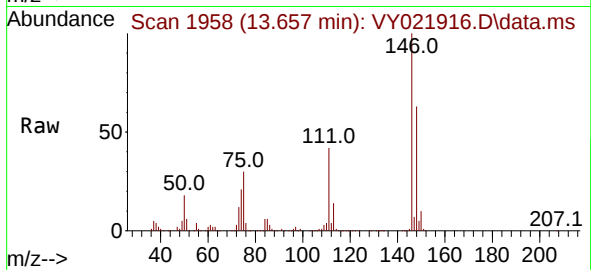
#91
1,2-Dichlorobenzene
Concen: 50.930 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 225148
Ion Ratio Lower Upper
146 100
111 40.7 20.7 62.1
148 63.6 32.3 96.9

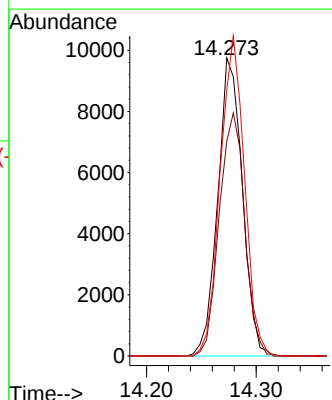
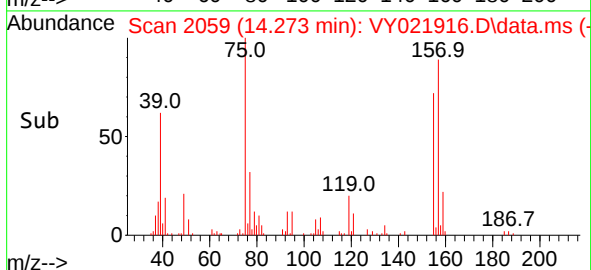
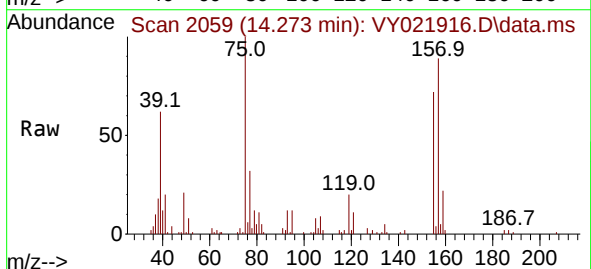
Manual Integrations
APPROVED

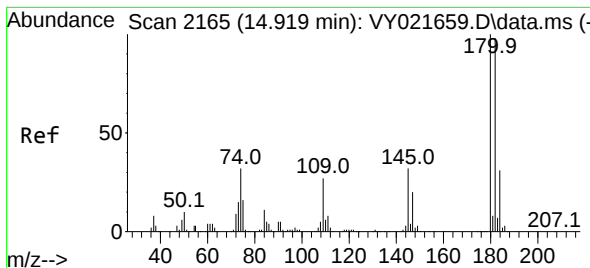
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.970 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021916.D
Acq: 18 Apr 2025 08:46

Tgt Ion: 75 Resp: 15248
Ion Ratio Lower Upper
75 100
155 83.6 43.0 128.8
157 105.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.622 ug/l

RT: 14.925 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY021916.D

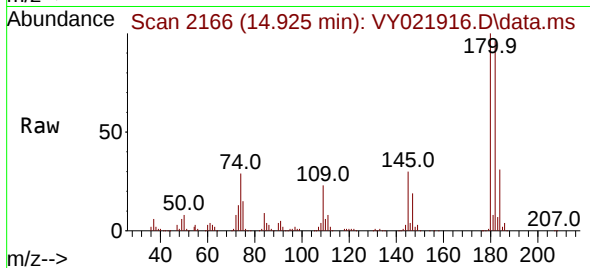
Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 12615

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.6

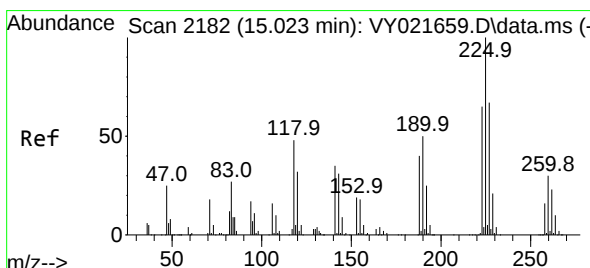
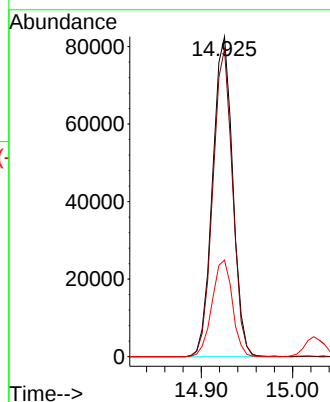
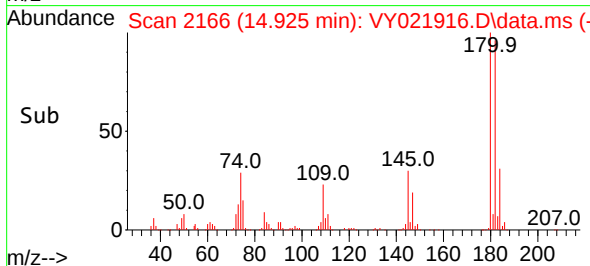
145 30.6 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025

Supervised By :Semsettin Yesilyurt 04/21/2025



#94

Hexachlorobutadiene

Concen: 51.037 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

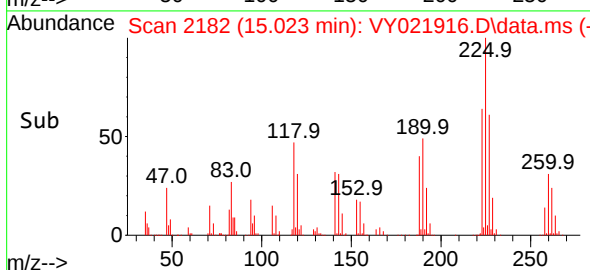
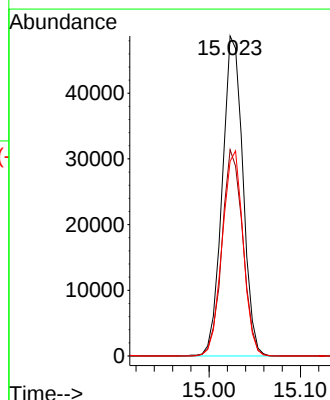
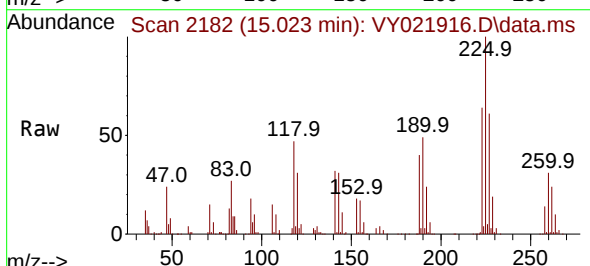
Tgt Ion:225 Resp: 76415

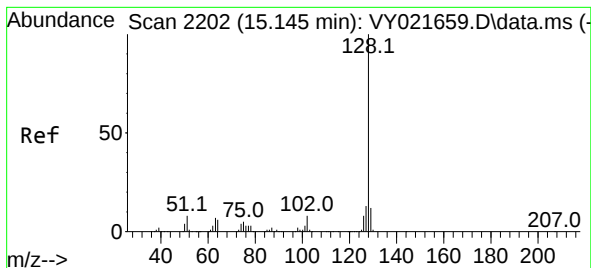
Ion Ratio Lower Upper

225 100

223 65.1 31.9 95.7

227 64.9 32.4 97.0





#95

Naphthalene

Concen: 54.287 ug/l

RT: 15.145 min Scan# 21572

Delta R.T. 0.000 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Instrument :

MSVOA_Y

ClientSampleId :

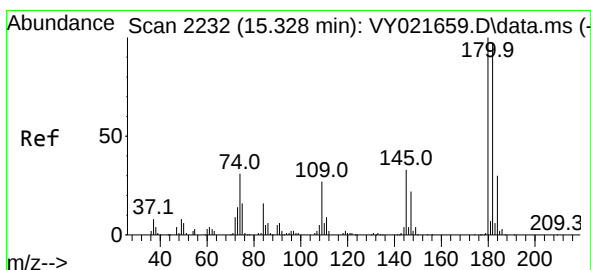
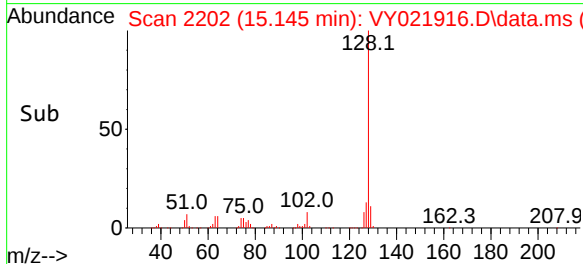
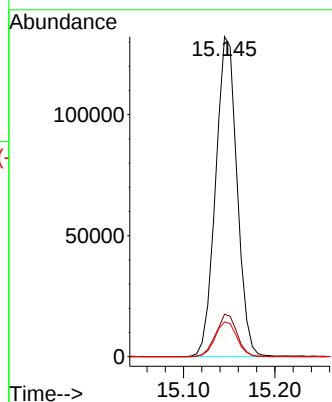
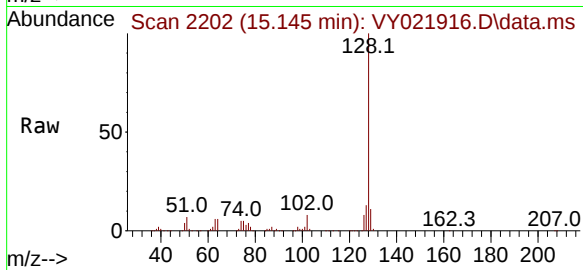
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.394 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021916.D

Acq: 18 Apr 2025 08:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	32.3	15.9	47.7

