

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022509.D
 Acq On : 02 Jun 2025 19:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 04:11:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	318591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	278485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105828	50.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.780%			
35) Dibromofluoromethane	7.634	113	92932	48.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.740%			
50) Toluene-d8	10.109	98	376768	49.035	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.060%			
62) 4-Bromofluorobenzene	12.407	95	111975	48.911	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	68441	40.709	ug/l	100
3) Chloromethane	2.068	50	234360	47.186	ug/l	99
4) Vinyl Chloride	2.202	62	279979	48.592	ug/l	97
5) Bromomethane	2.598	94	222447	40.280	ug/l	99
6) Chloroethane	2.732	64	183951	46.514	ug/l	94
7) Trichlorofluoromethane	3.055	101	228312	46.677	ug/l	96
8) Diethyl Ether	3.458	74	54534	49.507	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	91466	44.399	ug/l	99
10) Methyl Iodide	4.006	142	105842	47.475	ug/l	99
11) Tert butyl alcohol	4.872	59	38347	255.636	ug/l	97
12) 1,1-Dichloroethene	3.793	96	90136	45.773	ug/l	97
13) Acrolein	3.653	56	43472	232.538	ug/l	99
14) Allyl chloride	4.384	41	142137	45.978	ug/l	98
15) Acrylonitrile	5.061	53	120565	258.433	ug/l	98
16) Acetone	3.878	43	87944	206.186	ug/l	100
17) Carbon Disulfide	4.110	76	290024	46.003	ug/l	100
18) Methyl Acetate	4.391	43	71857	56.891	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	270724	48.810	ug/l	99
20) Methylene Chloride	4.616	84	111970	46.215	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	101815	46.197	ug/l	96
22) Diisopropyl ether	6.018	45	325054	47.239	ug/l	98
23) Vinyl Acetate	5.963	43	960261	235.777	ug/l	99
24) 1,1-Dichloroethane	5.915	63	191267	47.183	ug/l	99
25) 2-Butanone	6.896	43	150868	245.217	ug/l	99
26) 2,2-Dichloropropane	6.890	77	153775	42.933	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	122361	48.034	ug/l	98
28) Bromochloromethane	7.250	49	87662	49.608	ug/l	99
29) Tetrahydrofuran	7.268	42	101723	256.350	ug/l	99
30) Chloroform	7.420	83	194212	48.369	ug/l	94
31) Cyclohexane	7.707	56	169683	42.045	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	167265	46.927	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139714	45.269	ug/l	99
37) Ethyl Acetate	6.988	43	69204	50.281	ug/l	99
38) Carbon Tetrachloride	7.823	117	144374	45.600	ug/l	98
39) Methylcyclohexane	9.109	83	184695	44.531	ug/l	96
40) Benzene	8.085	78	435096	47.731	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	38913	48.403	ug/l	97
42) 1,2-Dichloroethane	8.164	62	122483	49.210	ug/l	99
43) Isopropyl Acetate	8.201	43	147544	49.636	ug/l #	89
44) Trichloroethene	8.865	130	105484	47.347	ug/l	99
45) 1,2-Dichloropropane	9.146	63	104997	48.737	ug/l	98
46) Dibromomethane	9.231	93	59691	49.250	ug/l	99
47) Bromodichloromethane	9.426	83	148757	48.405	ug/l	100
48) Methyl methacrylate	9.225	41	68753	49.282	ug/l	97
49) 1,4-Dioxane	9.237	88	14698	1023.633	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	384770	259.628	ug/l	98
52) Toluene	10.170	92	273282	47.705	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	139162	48.329	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	159750	47.659	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	75295	48.720	ug/l	98
56) Ethyl methacrylate	10.438	69	111150	49.760	ug/l	99
57) 1,3-Dichloropropane	10.719	76	136855	49.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	266551	262.833	ug/l	100
59) 2-Hexanone	10.761	43	254773	257.047	ug/l	99
60) Dibromochloromethane	10.914	129	97421	49.603	ug/l	99
61) 1,2-Dibromoethane	11.017	107	70978	50.389	ug/l	98
64) Tetrachloroethene	10.652	164	112448	46.940	ug/l	96
65) Chlorobenzene	11.444	112	285686	46.359	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	97551	46.990	ug/l	99
67) Ethyl Benzene	11.517	91	522290	45.694	ug/l	100
68) m/p-Xylenes	11.627	106	398984	92.079	ug/l	100
69) o-Xylene	11.956	106	186828	45.988	ug/l	99
70) Styrene	11.968	104	316725	47.165	ug/l	99
71) Bromoform	12.133	173	53532	48.457	ug/l #	99
73) Isopropylbenzene	12.255	105	482324	43.153	ug/l	100
74) N-amyl acetate	12.072	43	127212	45.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	84494	46.060	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	65822m	42.262	ug/l	
77) Bromobenzene	12.535	156	103584	43.917	ug/l	96
78) n-propylbenzene	12.596	91	583200	42.721	ug/l	98
79) 2-Chlorotoluene	12.682	91	313013	43.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	383918	43.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29121	45.153	ug/l	97
82) 4-Chlorotoluene	12.779	91	324302	43.449	ug/l	98
83) tert-Butylbenzene	12.999	119	340622	43.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	386162	44.000	ug/l	99
85) sec-Butylbenzene	13.176	105	518518	42.988	ug/l	100
86) p-Isopropyltoluene	13.291	119	428642	43.113	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	208701	43.673	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	204115	44.038	ug/l	99
89) n-Butylbenzene	13.615	91	408064	43.260	ug/l	100
90) Hexachloroethane	13.877	117	85982	44.422	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	181653	44.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12673	47.450	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	97102	43.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	53313	43.651	ug/l	98
95) Naphthalene	15.145	128	201425	47.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	84274	44.438	ug/l	98

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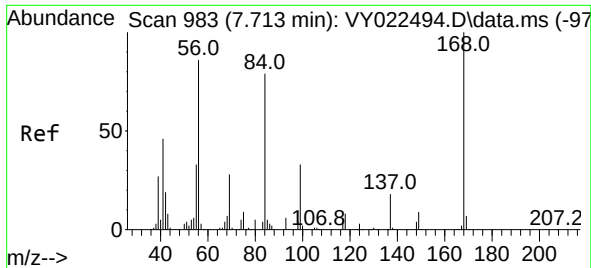
Manual Integrations
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Response via : Initial Calibration

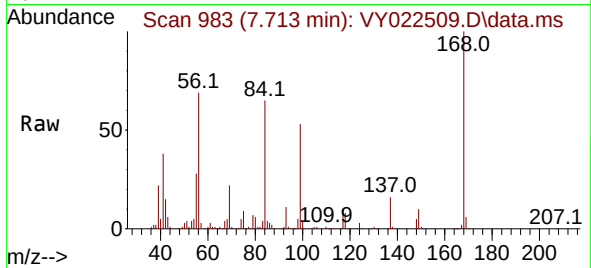
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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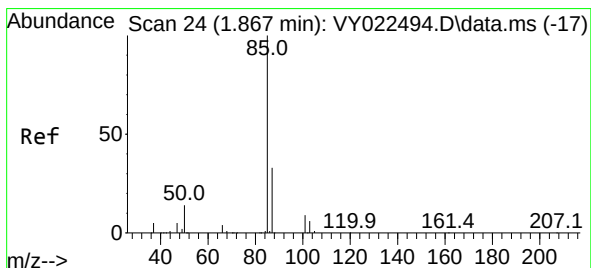
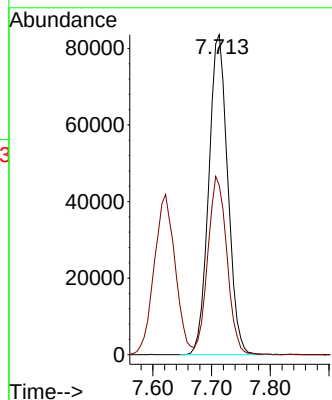
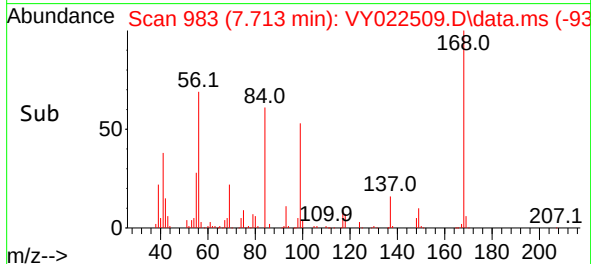
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 18778
Ion Ratio Lower Upper
168 100
99 52.9 44.3 66.5

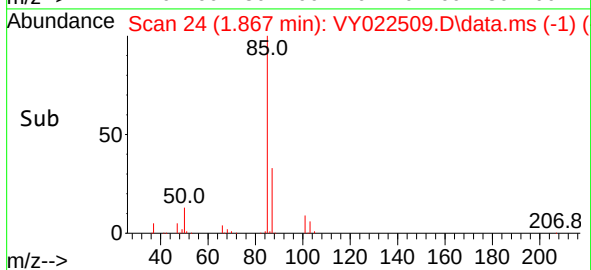
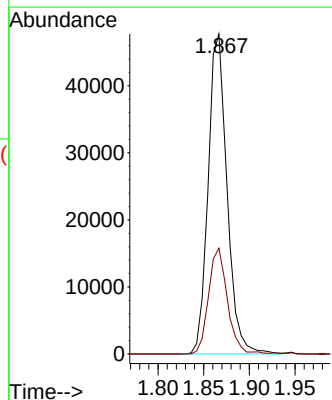
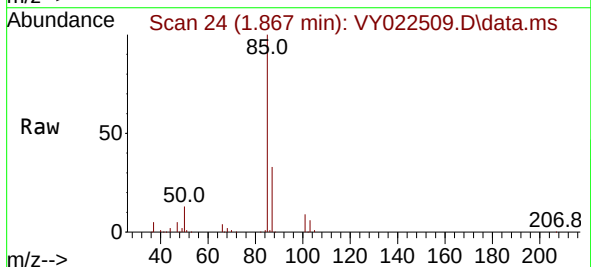
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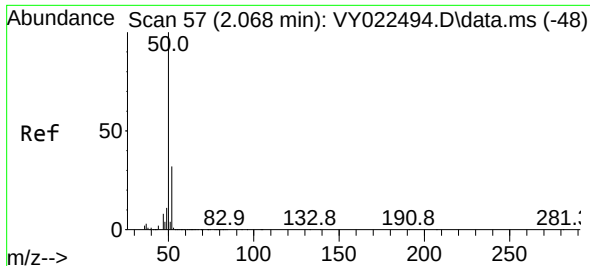
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#2
Dichlorodifluoromethane
Concen: 40.709 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

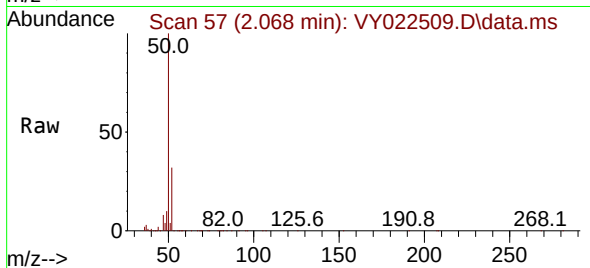
Tgt Ion: 85 Resp: 68441
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





#3
Chloromethane
Concen: 47.186 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

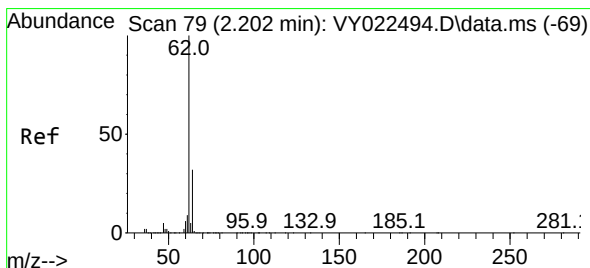
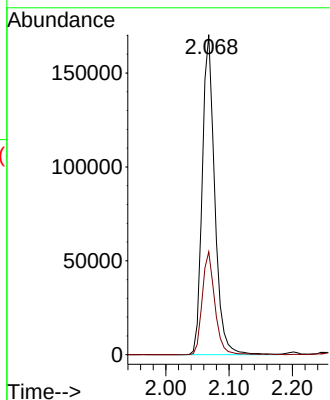
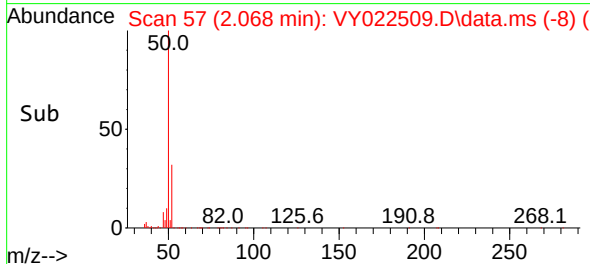
Instrument :
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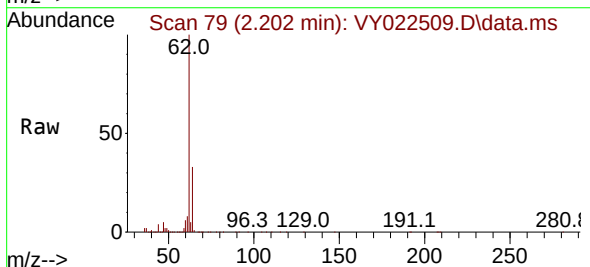
Tgt Ion: 50 Resp: 234360
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0

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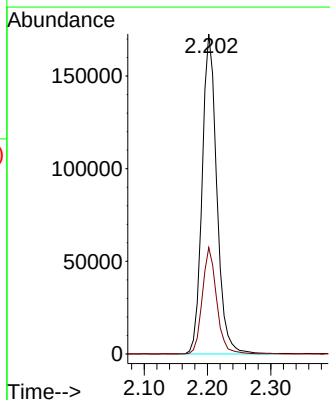
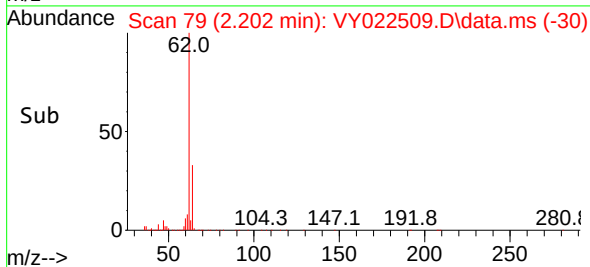
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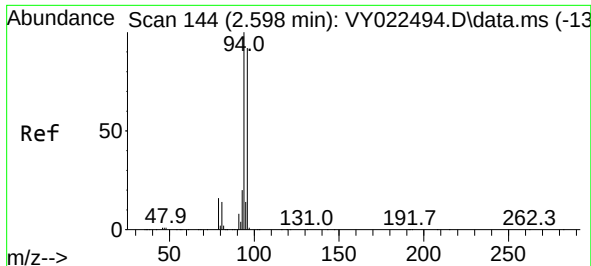


#4
Vinyl Chloride
Concen: 48.592 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022509.D
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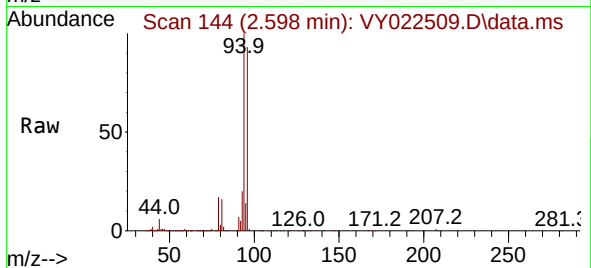
Tgt Ion: 62 Resp: 279979
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9





#5
Bromomethane
Concen: 40.280 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022509.D
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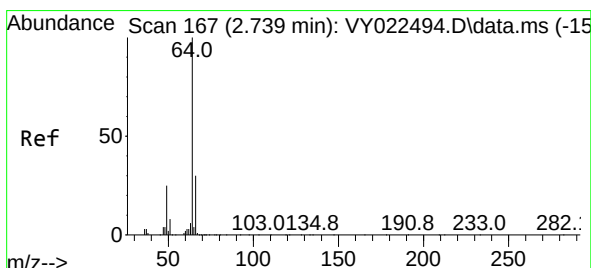
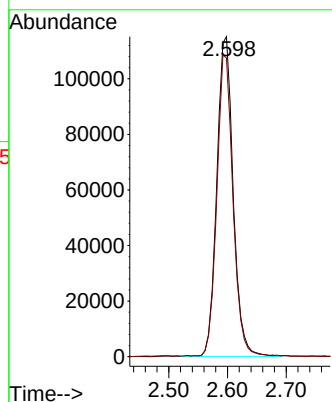
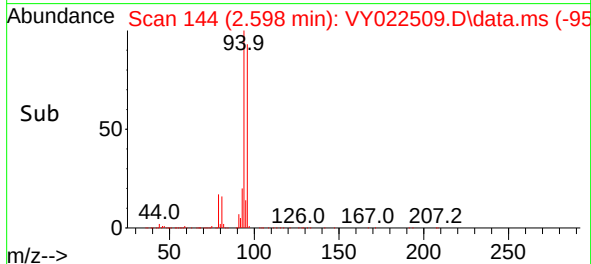
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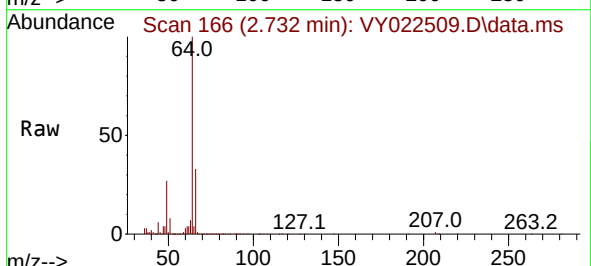
Tgt Ion: 94 Resp: 22244
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0

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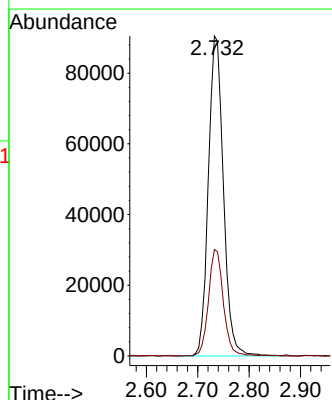
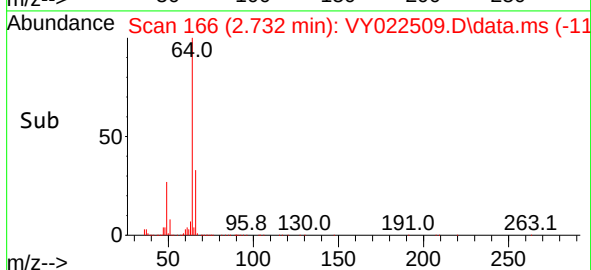
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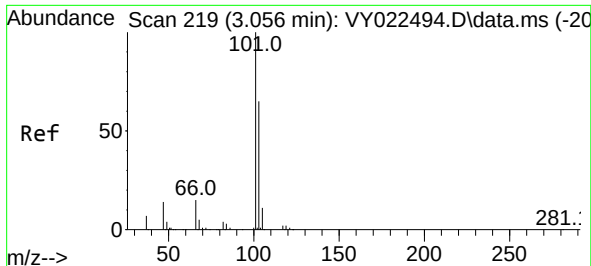


#6
Chloroethane
Concen: 46.514 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022509.D
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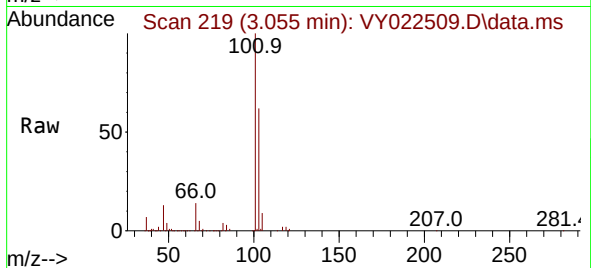
Tgt Ion: 64 Resp: 183951
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.6





#7
Trichlorofluoromethane
Concen: 46.677 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022509.D
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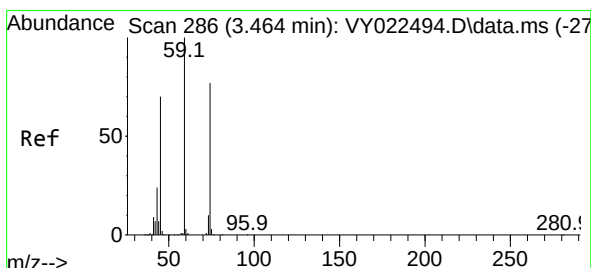
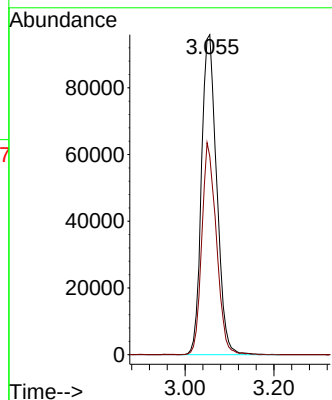
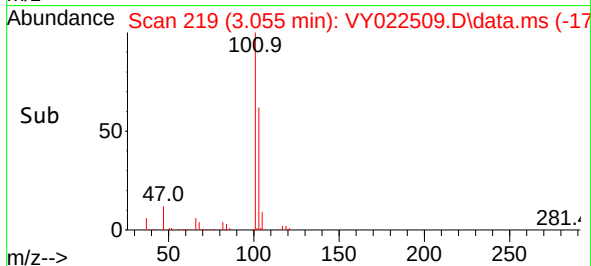
Instrument :
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VSTDCCC050EC



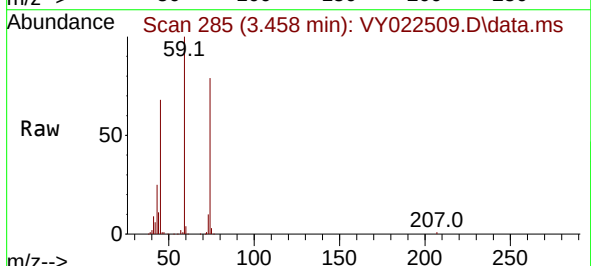
Tgt Ion:101 Resp: 228312
Ion Ratio Lower Upper
101 100
103 61.9 52.2 78.2

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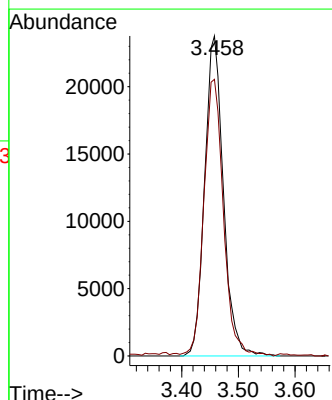
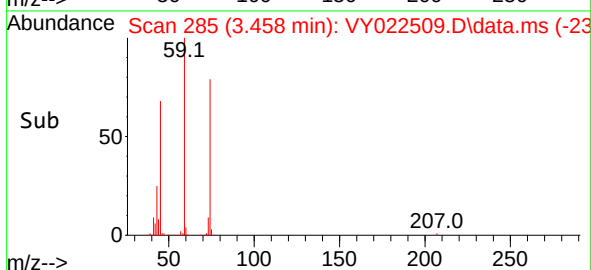
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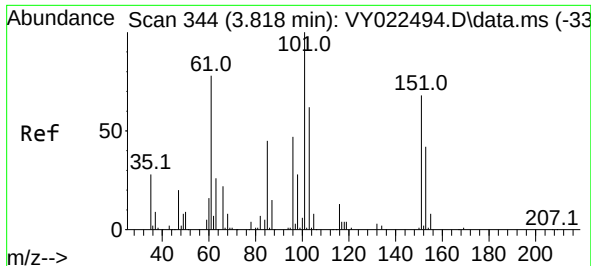


#8
Diethyl Ether
Concen: 49.507 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022509.D
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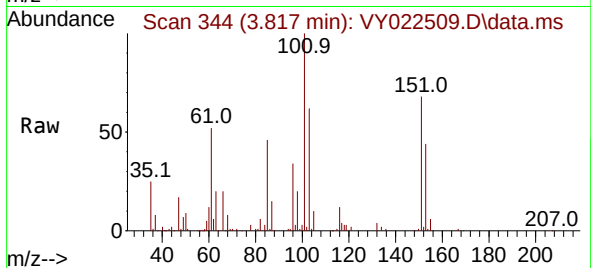
Tgt Ion: 74 Resp: 54534
Ion Ratio Lower Upper
74 100
45 90.3 45.9 137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.399 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
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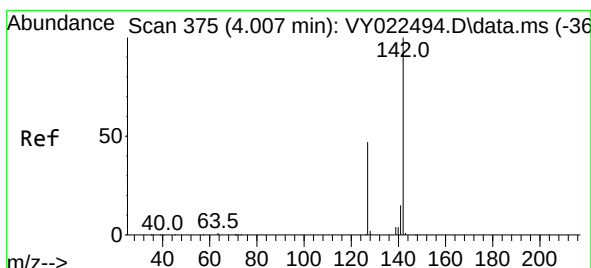
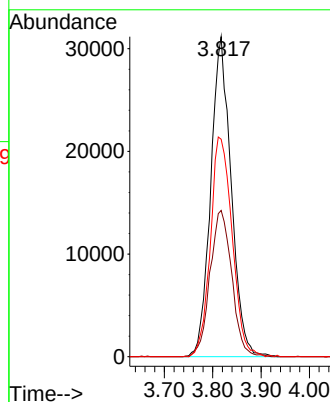
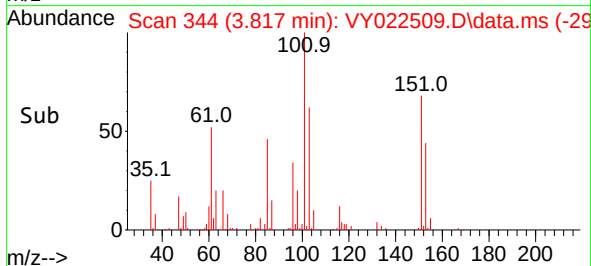
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 91460
Ion Ratio Lower Upper
101 100
85 48.6 39.3 58.9
151 73.0 57.8 86.8

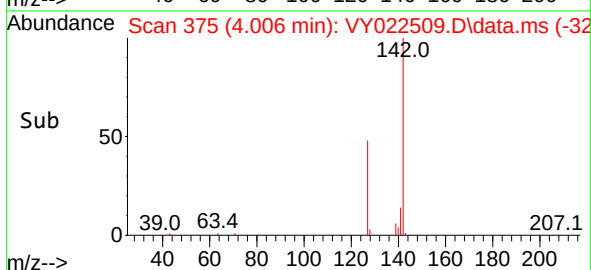
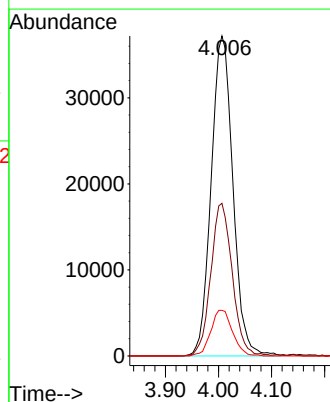
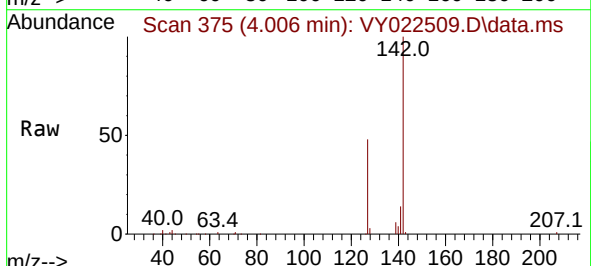
Manual Integrations
APPROVED

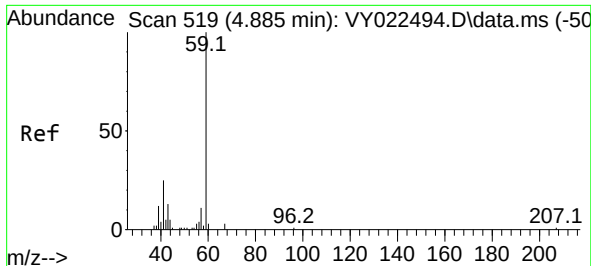
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 47.475 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Tgt Ion:142 Resp: 105842
Ion Ratio Lower Upper
142 100
127 47.2 37.1 55.7
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 255.636 ug/l

RT: 4.872 min Scan# 519

Delta R.T. -0.012 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3834

Ion Ratio Lower Upper

59 100

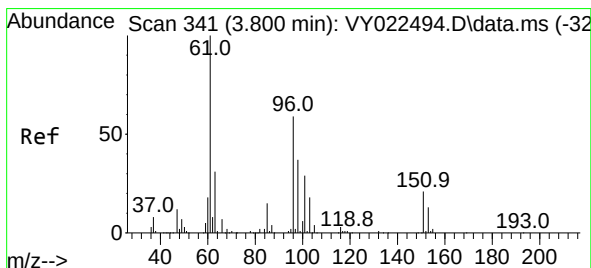
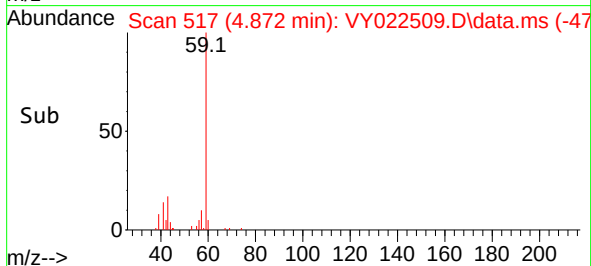
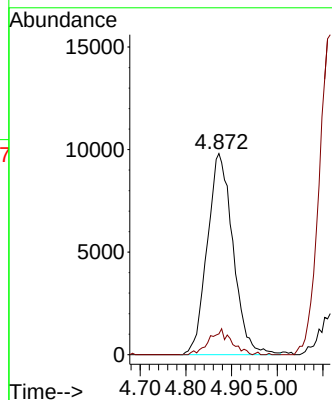
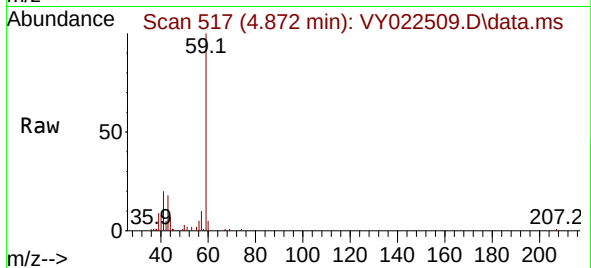
57 11.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#12

1,1-Dichloroethene

Concen: 45.773 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

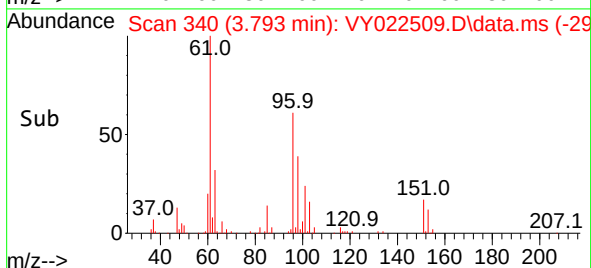
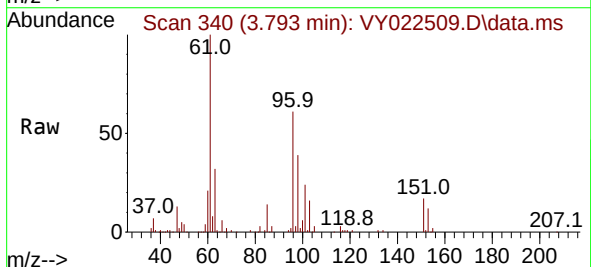
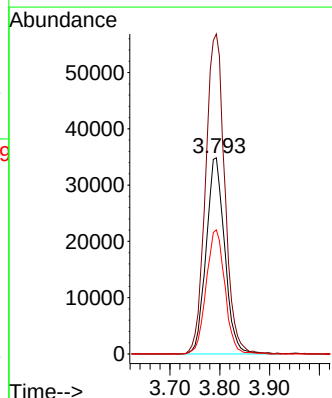
Tgt Ion: 96 Resp: 90136

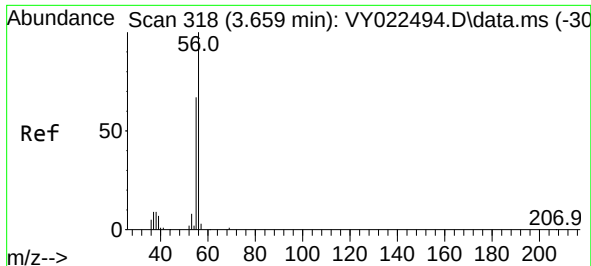
Ion Ratio Lower Upper

96 100

61 163.1 134.6 201.8

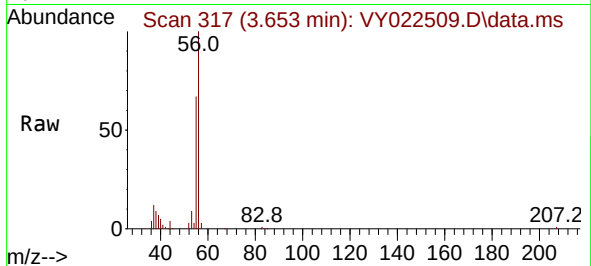
98 63.3 50.2 75.4





#13
Acrolein
Concen: 232.538 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

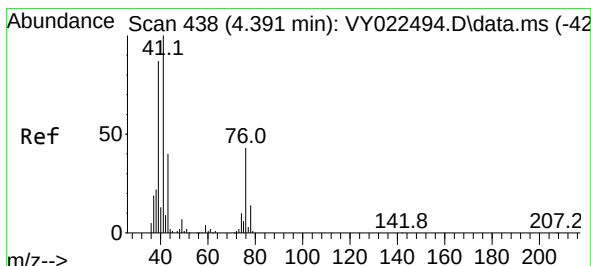
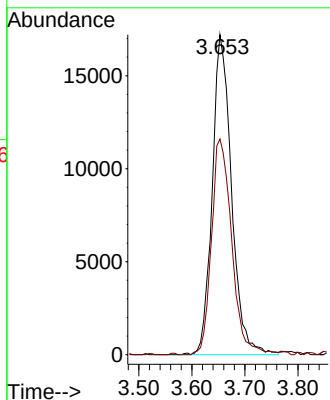
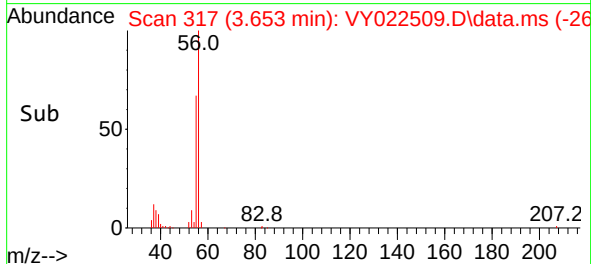
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 43472
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6

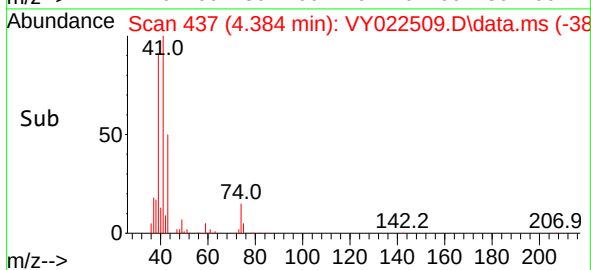
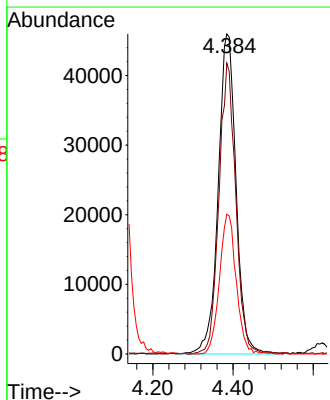
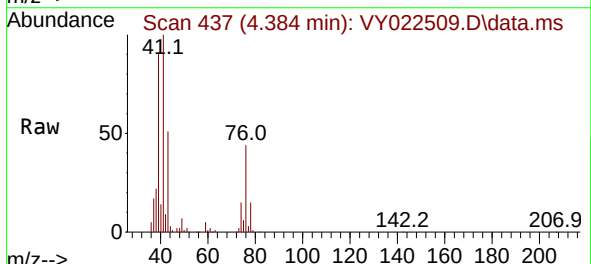
Manual Integrations
APPROVED

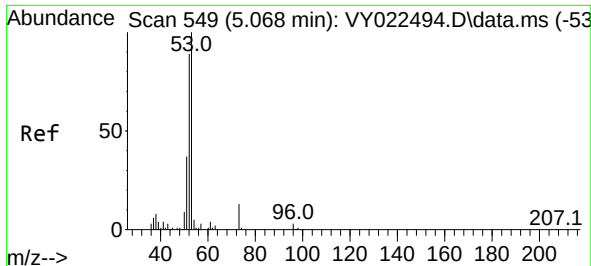
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 45.978 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

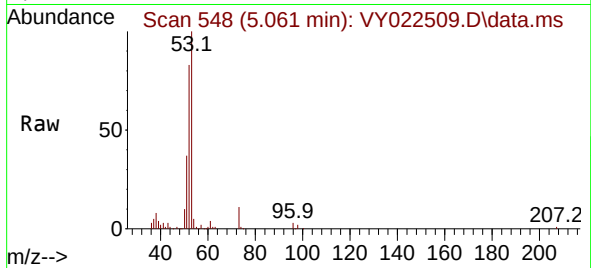
Tgt Ion: 41 Resp: 142137
Ion Ratio Lower Upper
41 100
39 85.0 69.1 103.7
76 40.8 33.5 50.3





#15
Acrylonitrile
Concen: 258.433 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

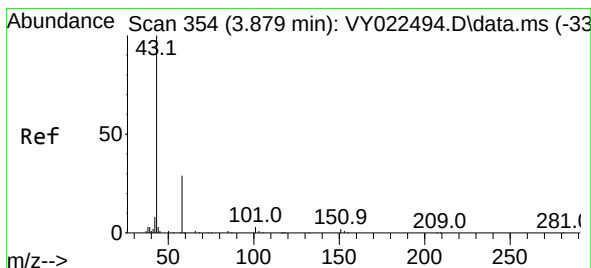
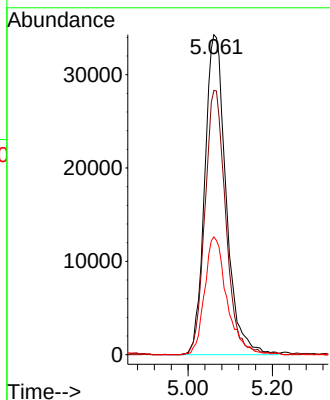
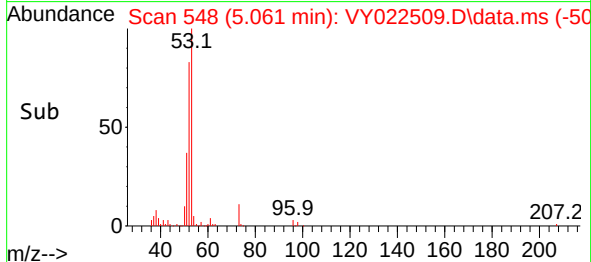
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12056
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 38.5 30.1 45.1

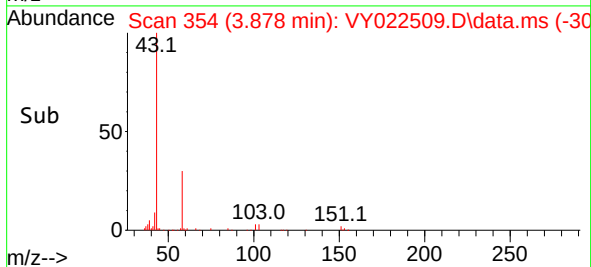
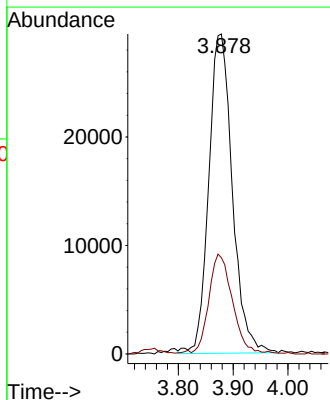
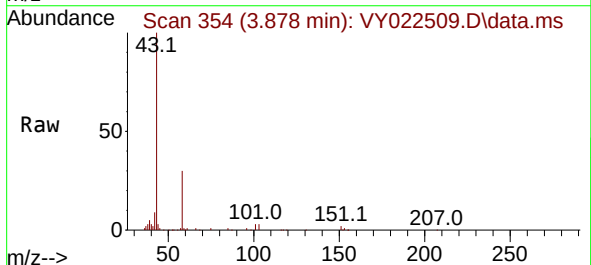
Manual Integrations
APPROVED

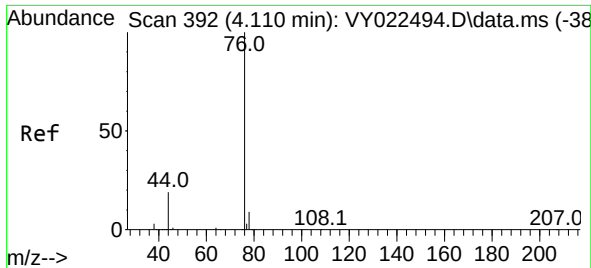
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 206.186 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

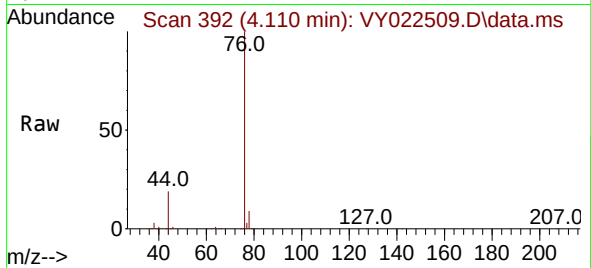
Tgt Ion: 43 Resp: 87944
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





#17
Carbon Disulfide
Concen: 46.003 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

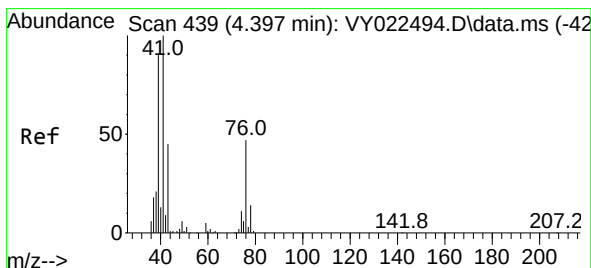
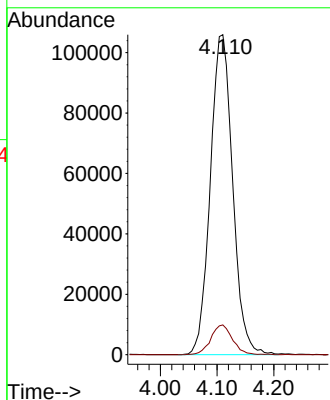
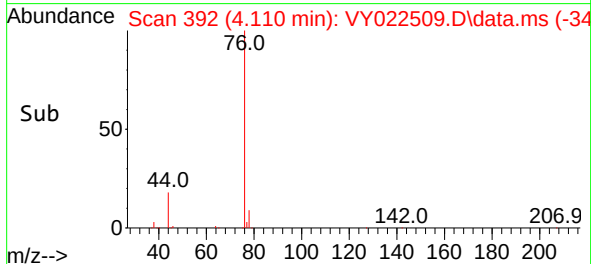
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



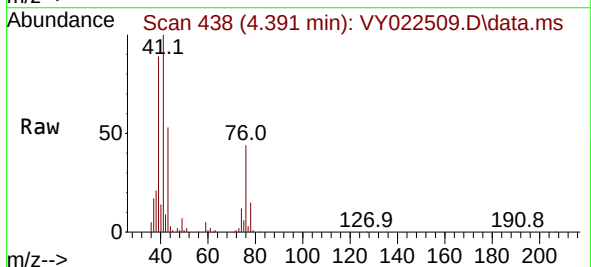
Tgt Ion: 76 Resp: 290024
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

Manual Integrations
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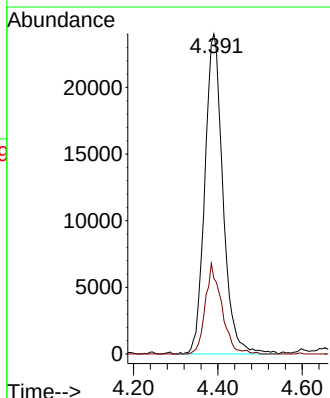
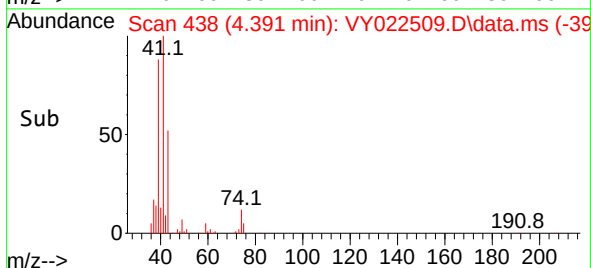
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

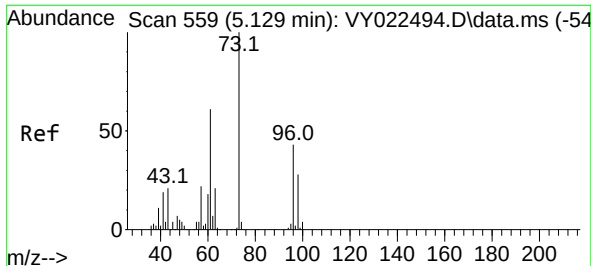


#18
Methyl Acetate
Concen: 56.891 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



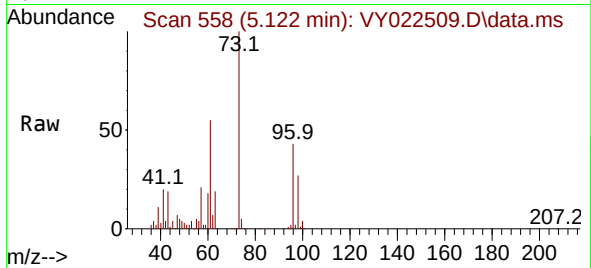
Tgt Ion: 43 Resp: 71857
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 48.810 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

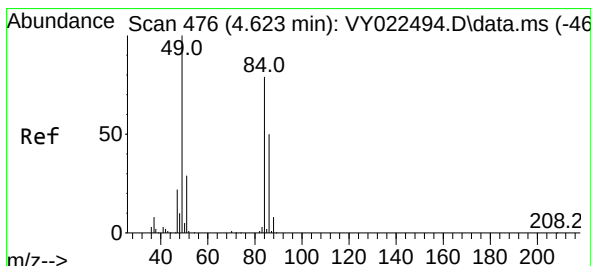
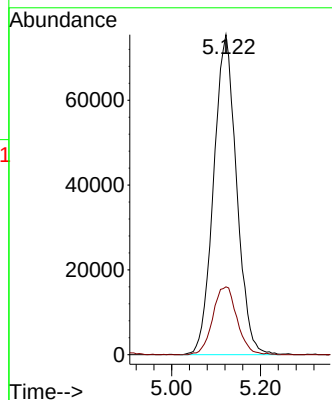
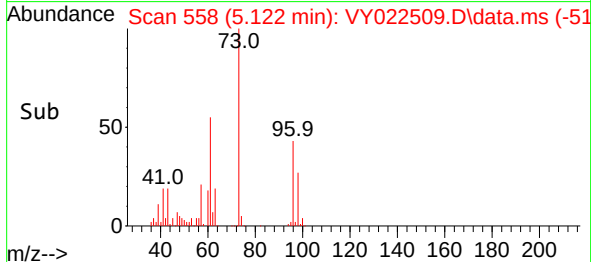
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 270724
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

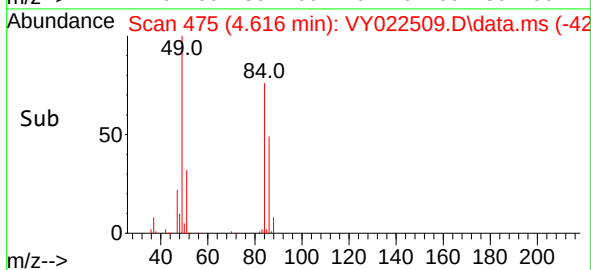
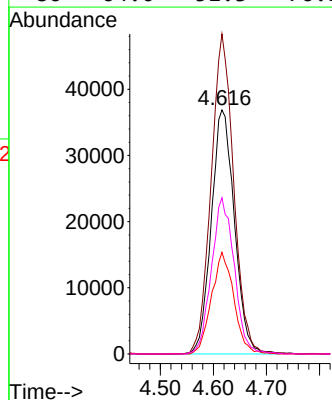
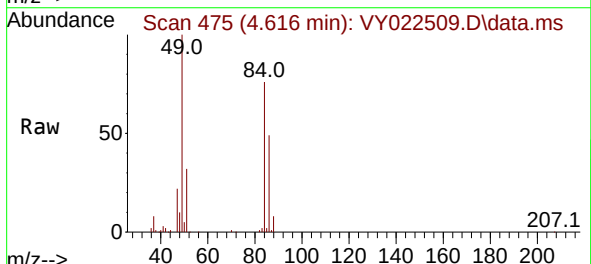
Manual Integrations
APPROVED

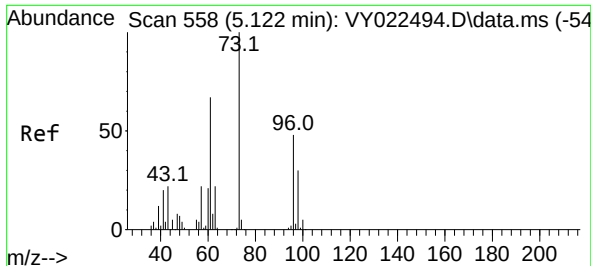
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 46.215 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

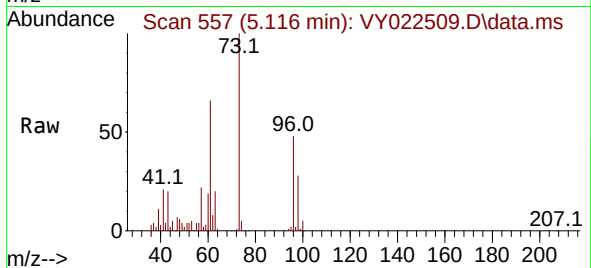
Tgt Ion: 84 Resp: 111970
Ion Ratio Lower Upper
84 100
49 131.2 101.9 152.9
51 41.7 29.8 44.8
86 64.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 46.197 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

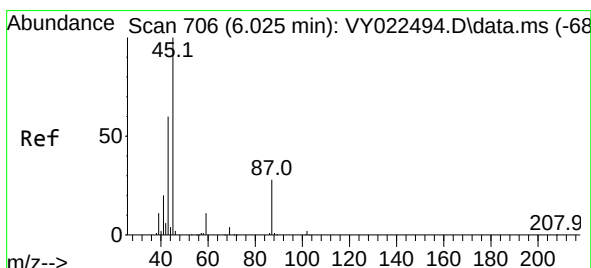
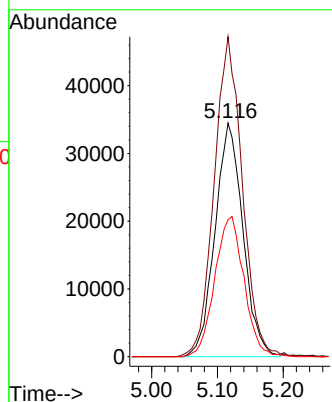
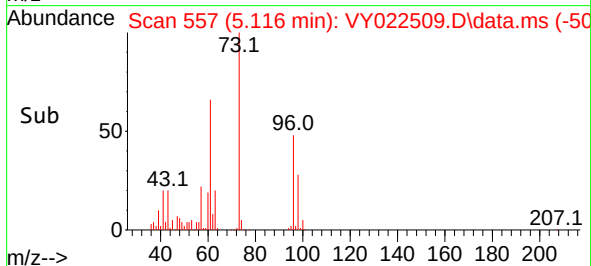
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 101815
Ion Ratio Lower Upper
96 100
61 136.7 112.6 169.0
98 58.7 50.6 75.8

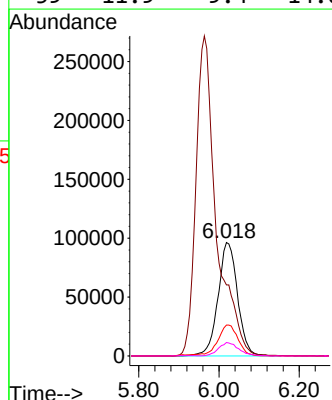
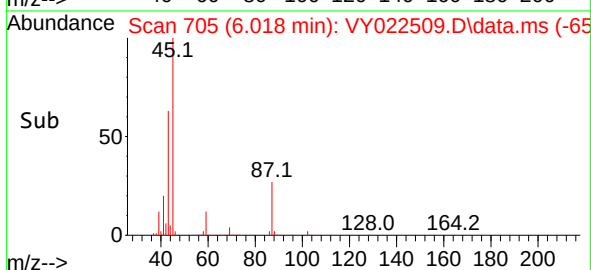
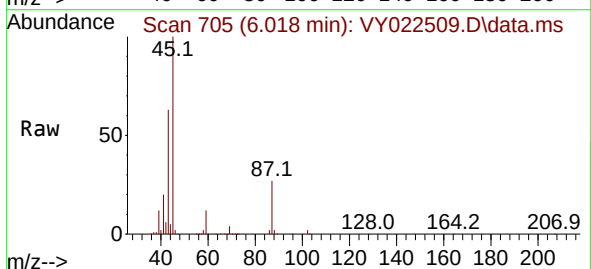
Manual Integrations
APPROVED

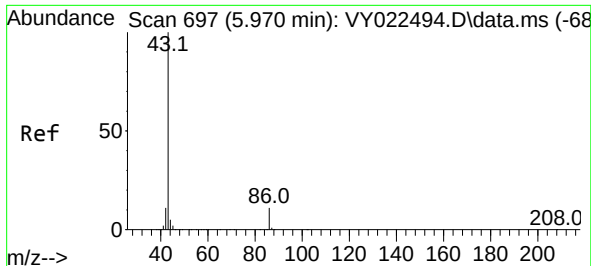
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 47.239 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

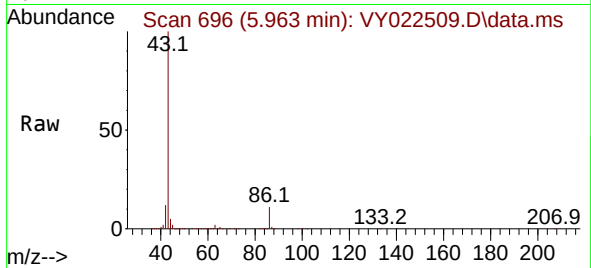
Tgt Ion: 45 Resp: 325054
Ion Ratio Lower Upper
45 100
43 62.3 48.3 72.5
87 27.2 23.0 34.6
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 235.777 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022509.D
 Acq: 02 Jun 2025 19:54

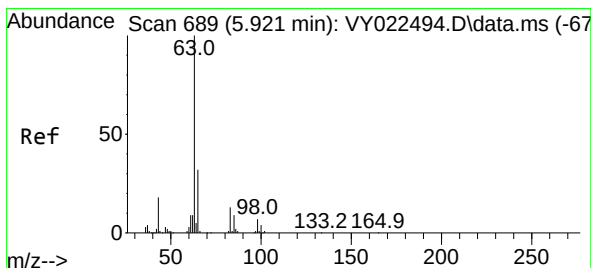
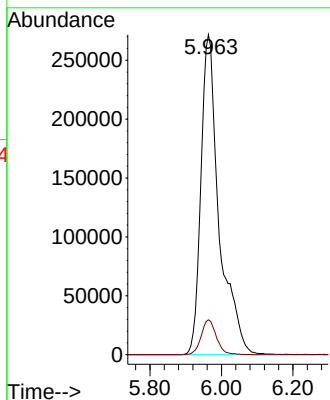
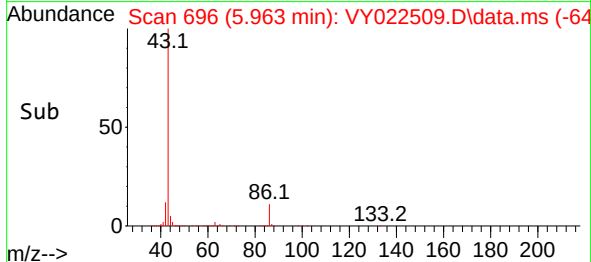
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



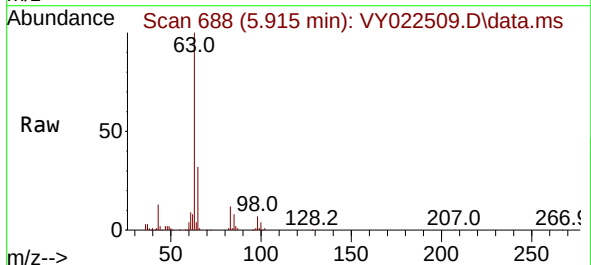
Tgt Ion: 43 Resp: 96026
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

Manual Integrations
 APPROVED

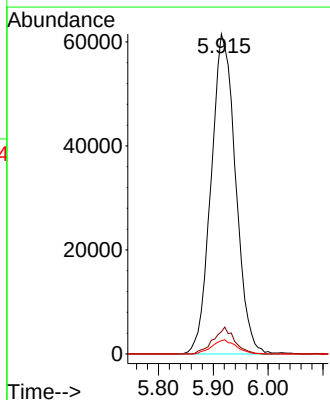
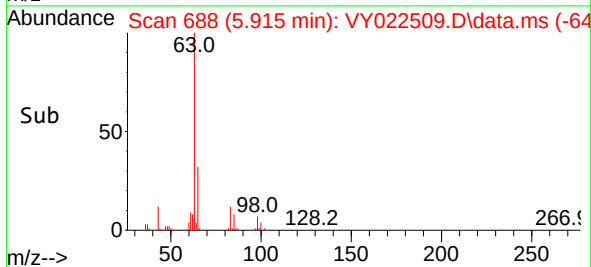
Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

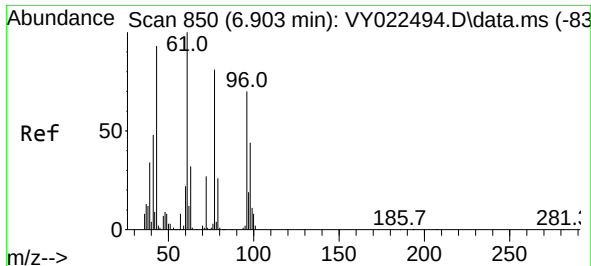


#24
 1,1-Dichloroethane
 Concen: 47.183 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022509.D
 Acq: 02 Jun 2025 19:54



Tgt Ion: 63 Resp: 191267
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 245.217 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022509.D

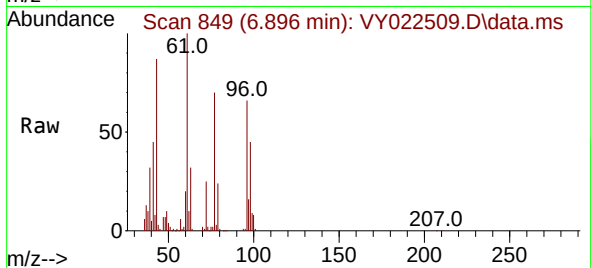
Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 15086

Ion Ratio Lower Upper

43 100

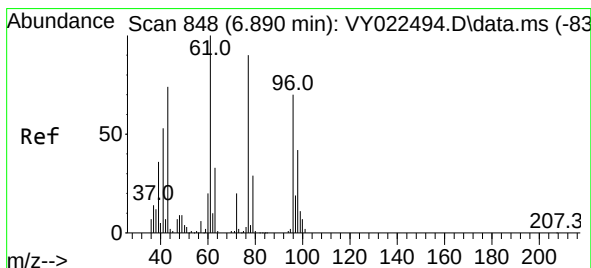
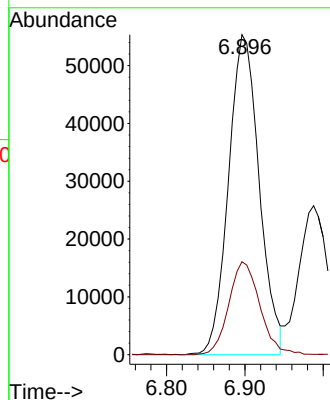
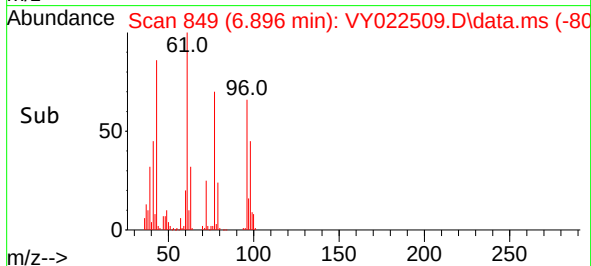
72 29.1 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#26

2,2-Dichloropropane

Concen: 42.933 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022509.D

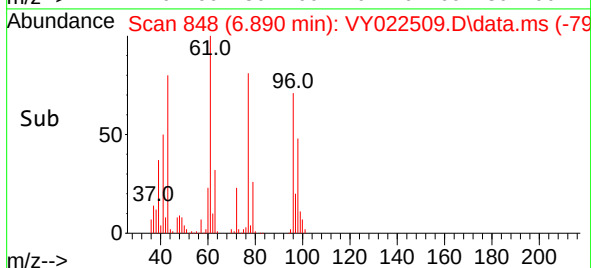
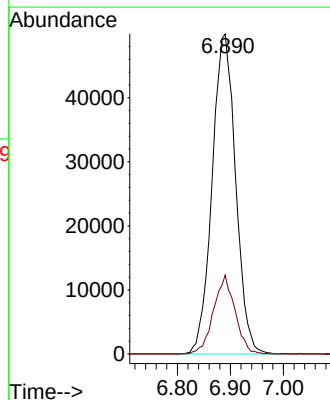
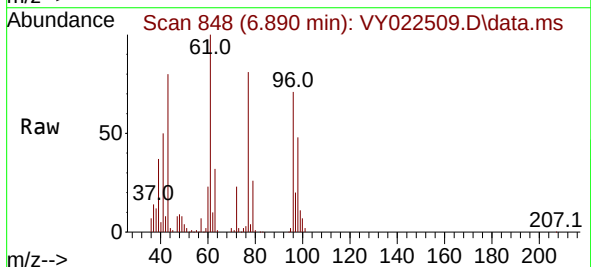
Acq: 02 Jun 2025 19:54

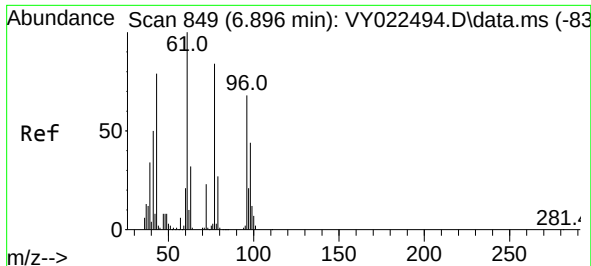
Tgt Ion: 77 Resp: 153775

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.034 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022509.D

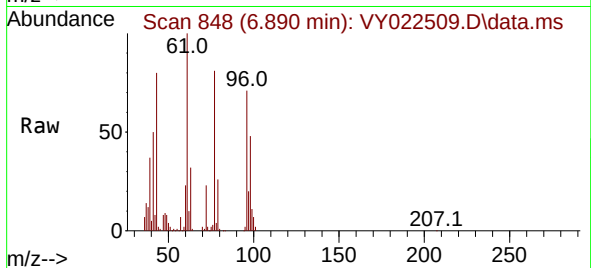
Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 12236

Ion Ratio Lower Upper

96 100

61 146.9 0.0 290.0

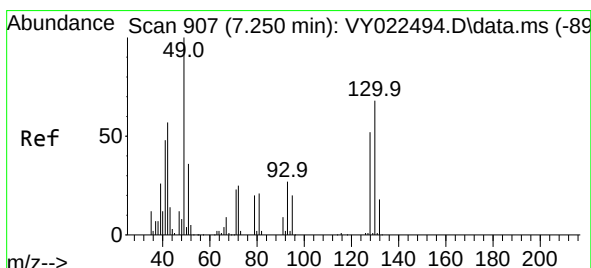
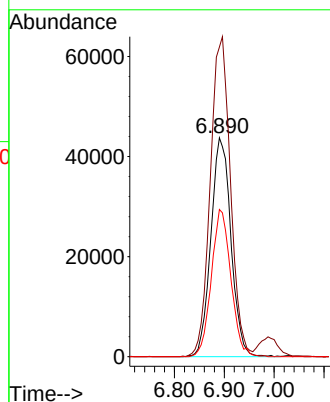
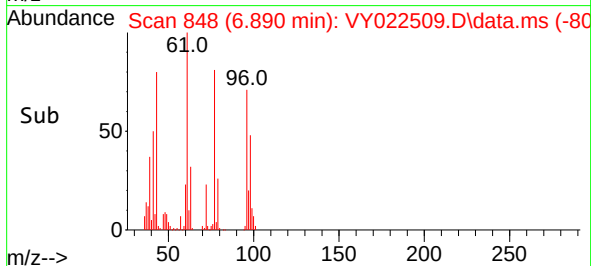
98 65.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#28

Bromochloromethane

Concen: 49.608 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

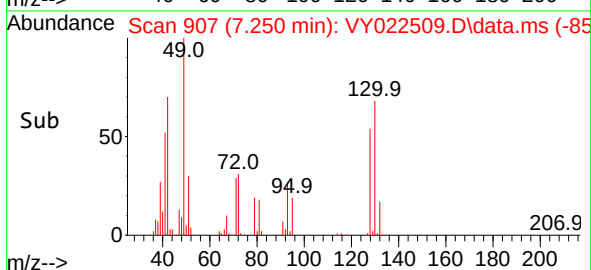
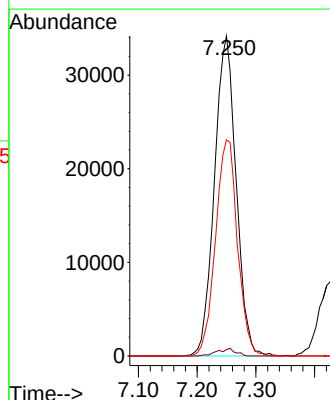
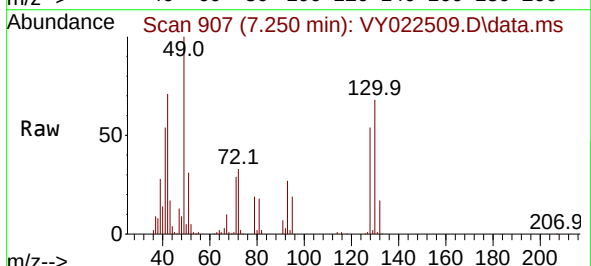
Tgt Ion: 49 Resp: 87662

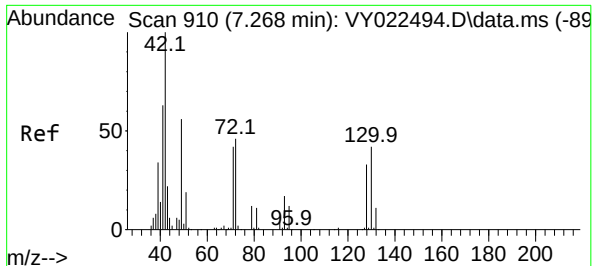
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 68.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 256.350 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

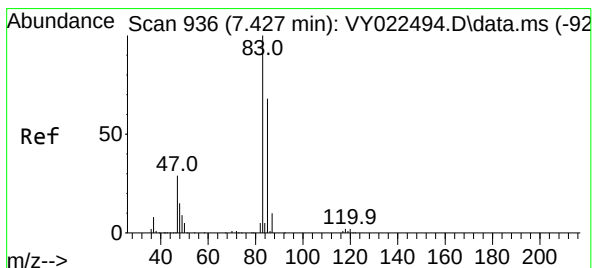
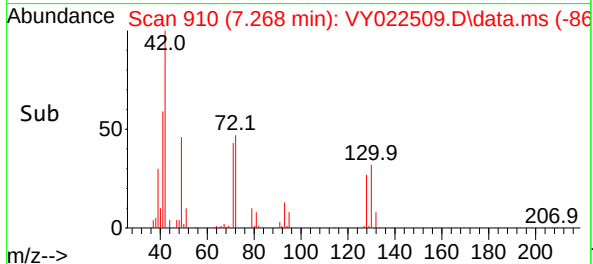
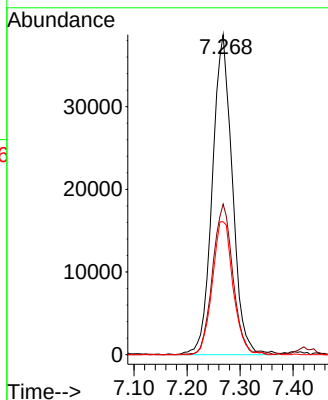
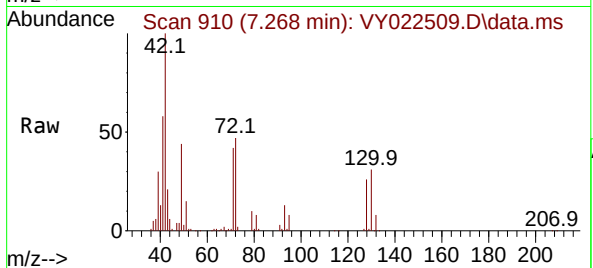
Tgt Ion: 42 Resp: 10172

Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.4	56.2
71	43.1	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 48.369 ug/l

RT: 7.420 min Scan# 935

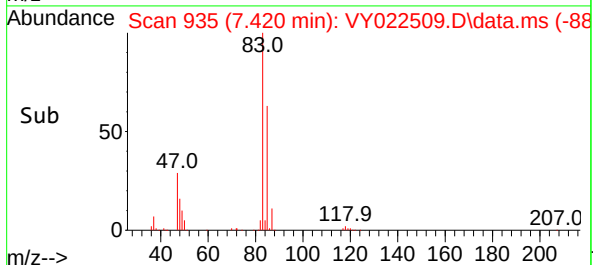
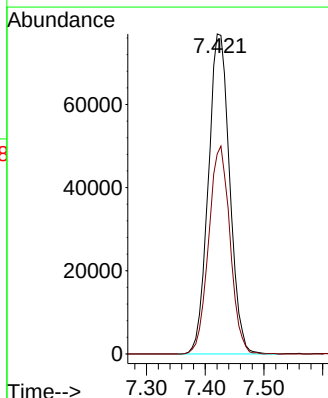
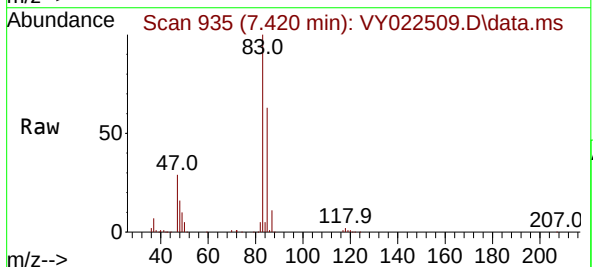
Delta R.T. -0.006 min

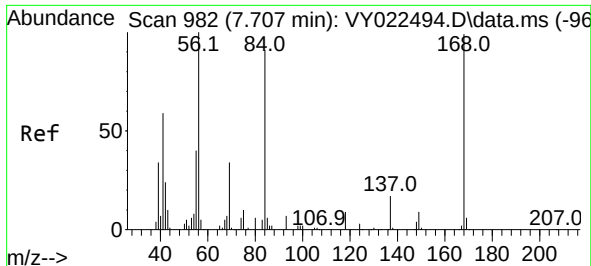
Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Tgt Ion: 83 Resp: 194212

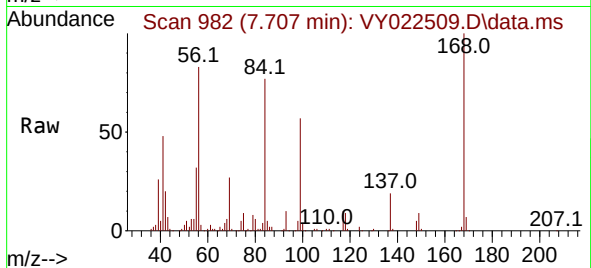
Ion	Ratio	Lower	Upper
83	100		
85	62.6	54.2	81.4





#31
Cyclohexane
Concen: 42.045 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

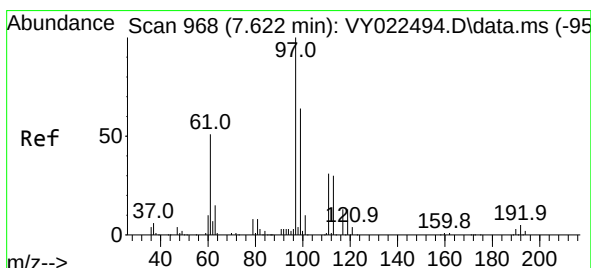
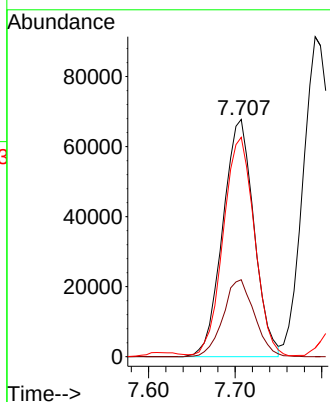
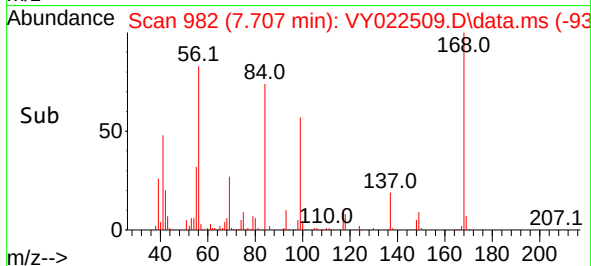
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



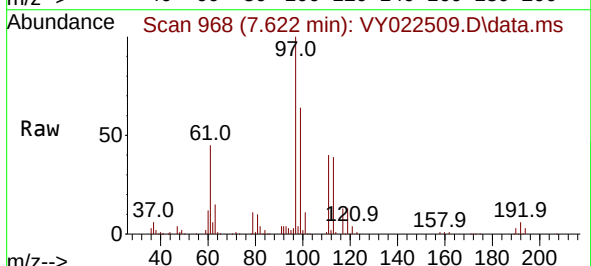
Tgt Ion: 56 Resp: 169683
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 91.3 72.6 109.0

Manual Integrations
APPROVED

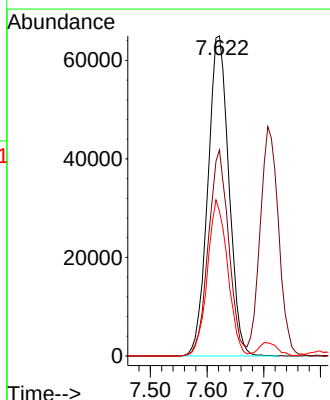
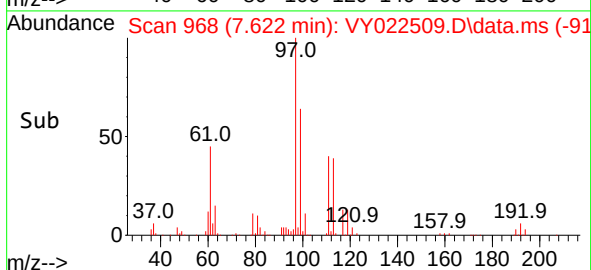
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

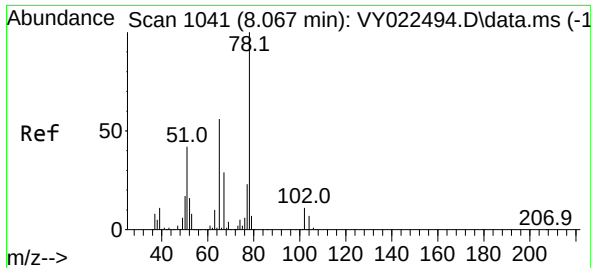


#32
1,1,1-Trichloroethane
Concen: 46.927 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion: 97 Resp: 167265
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 47.1 38.5 57.7





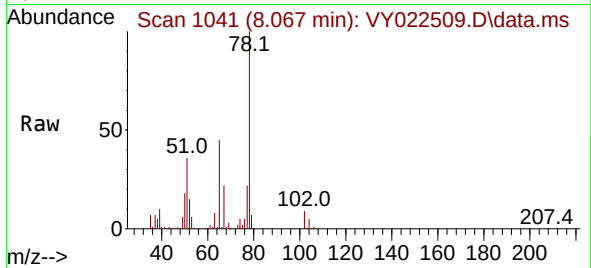
#33
1,2-Dichloroethane-d4
Concen: 50.389 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

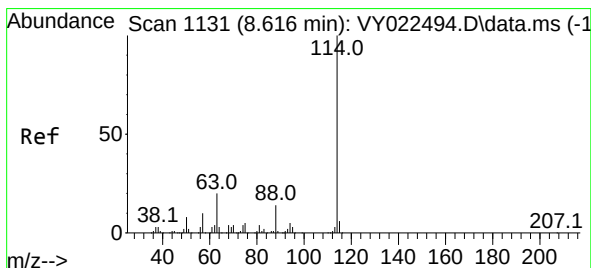
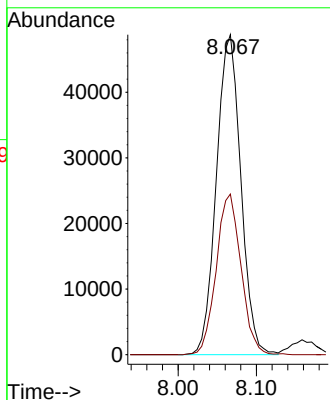
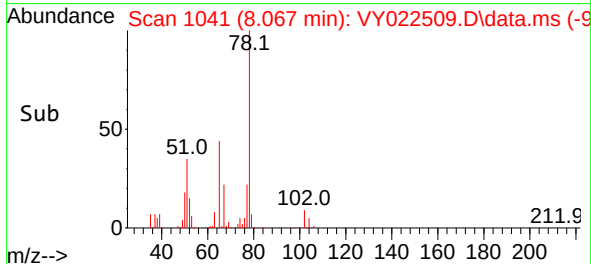


Tgt Ion: 65 Resp: 105828
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

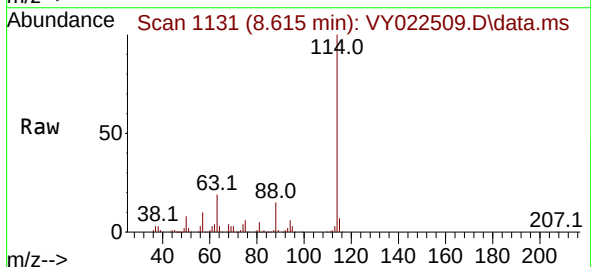
Manual Integrations

APPROVED

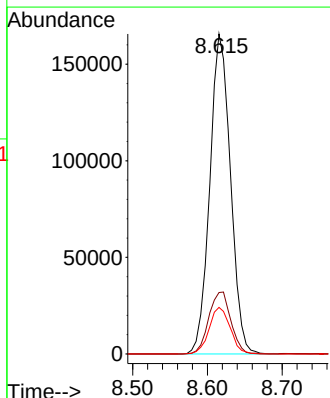
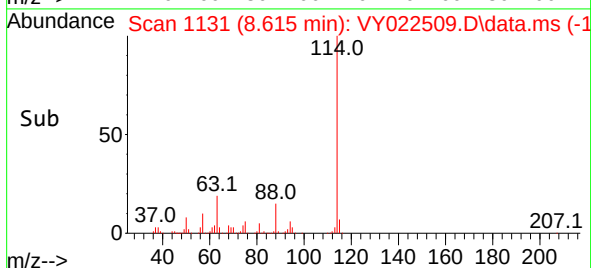
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

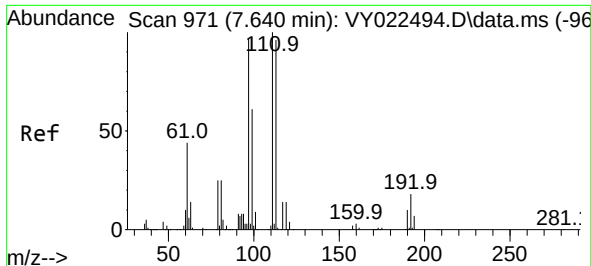


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



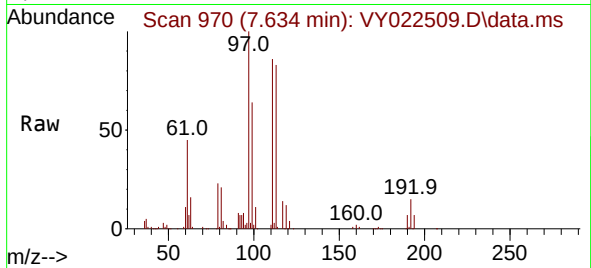
Tgt Ion:114 Resp: 318591
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 14.6 0.0 27.8





#35
Dibromofluoromethane
Concen: 48.870 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

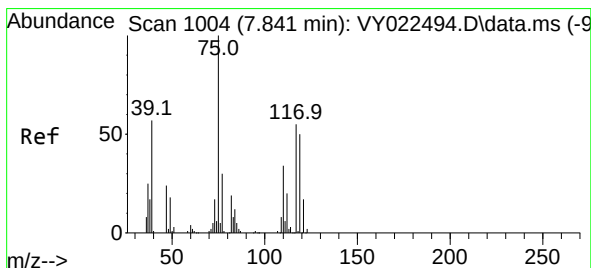
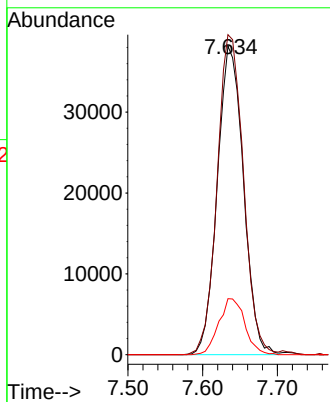
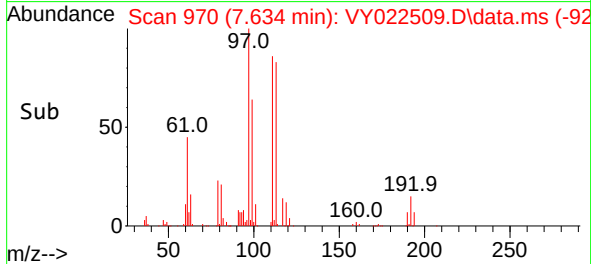
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 92932
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 18.1 14.2 21.2

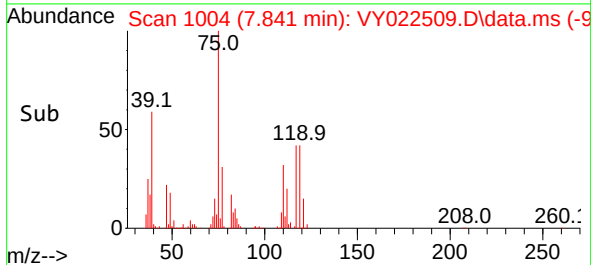
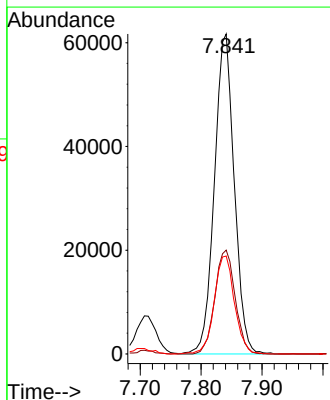
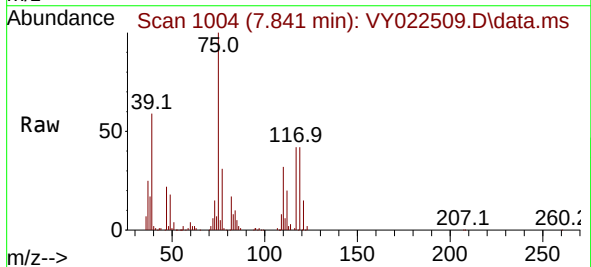
Manual Integrations
APPROVED

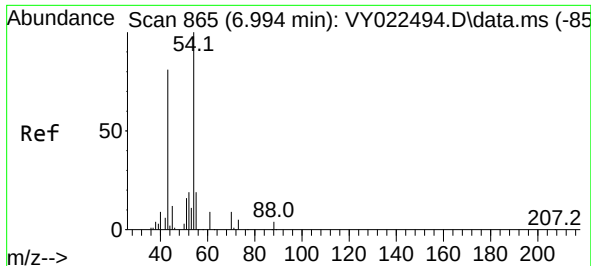
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#36
1,1-Dichloropropene
Concen: 45.269 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

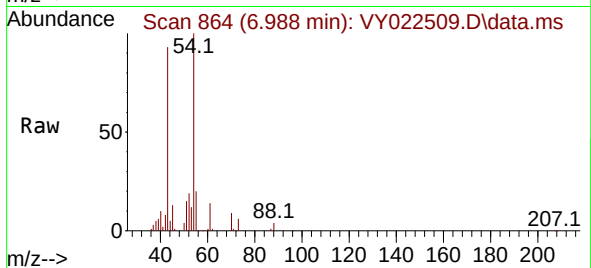
Tgt Ion: 75 Resp: 139714
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.7
77 31.3 24.8 37.2





#37
Ethyl Acetate
Concen: 50.281 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

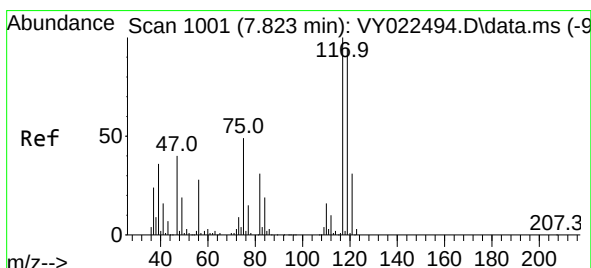
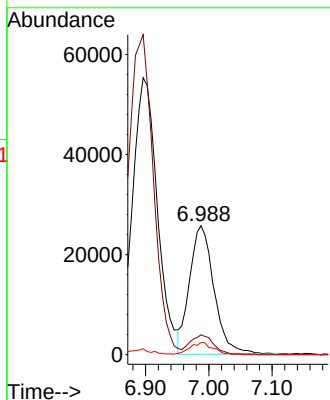
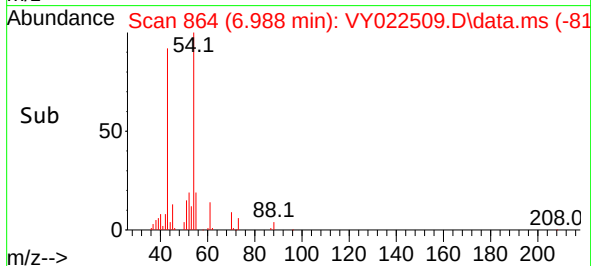
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69204
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 9.0 7.2 10.8

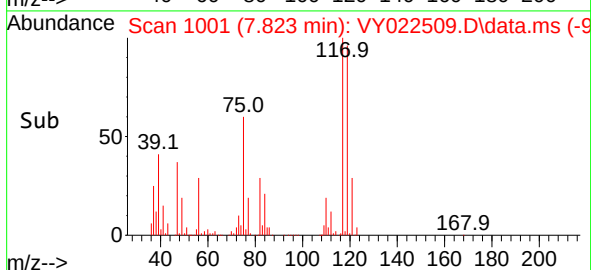
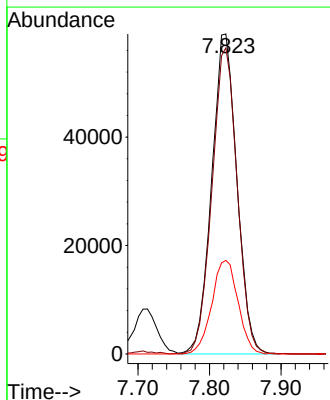
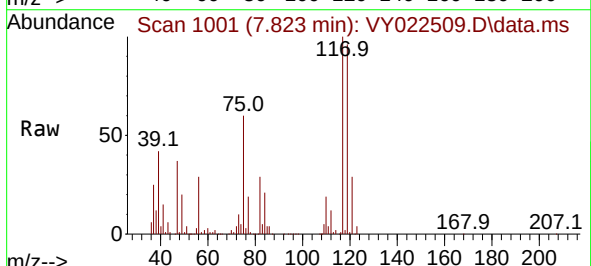
Manual Integrations
APPROVED

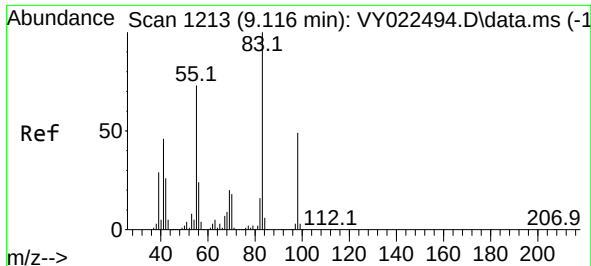
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#38
Carbon Tetrachloride
Concen: 45.600 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Tgt Ion:117 Resp: 144374
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 29.2 25.0 37.4





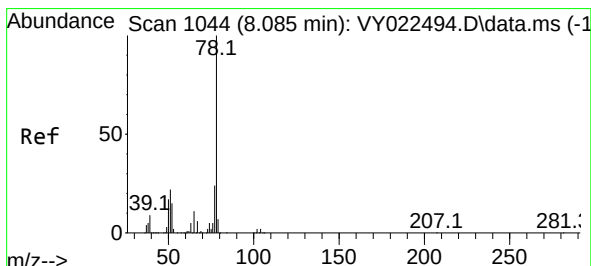
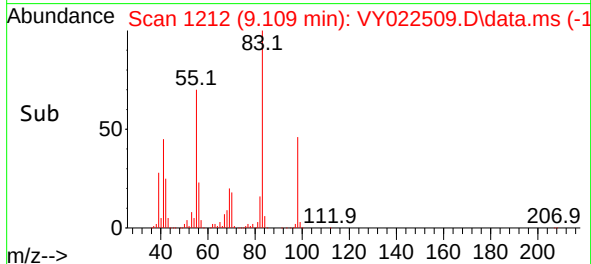
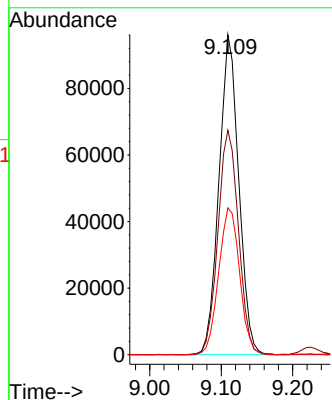
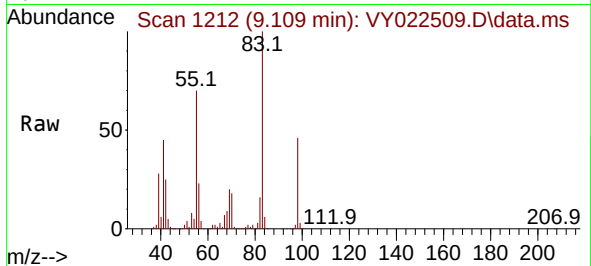
#39
Methylcyclohexane
Concen: 44.531 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 18469
Ion Ratio Lower Upper
83 100
55 70.1 58.1 87.1
98 45.9 39.0 58.6

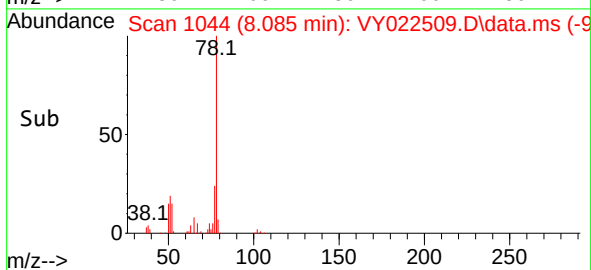
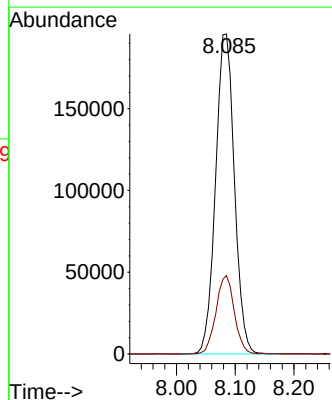
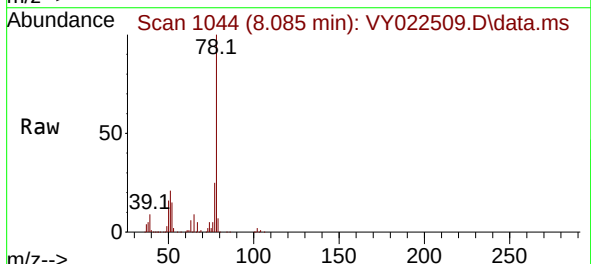
Manual Integrations
APPROVED

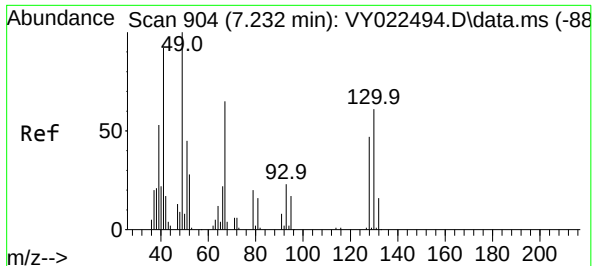
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#40
Benzene
Concen: 47.731 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

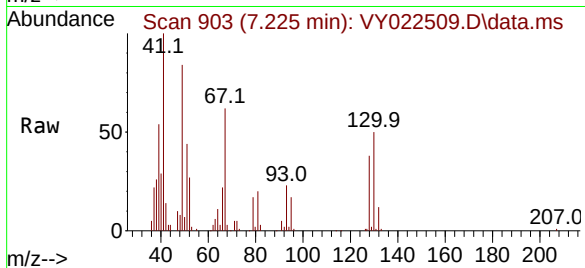
Tgt Ion: 78 Resp: 435096
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#41
Methacrylonitrile
Concen: 48.403 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

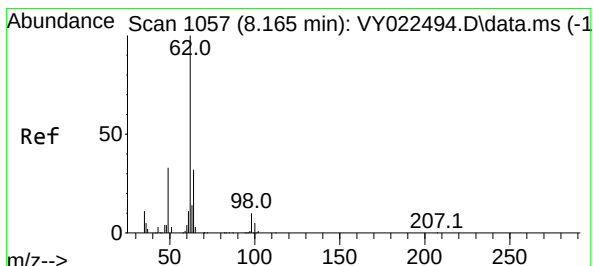
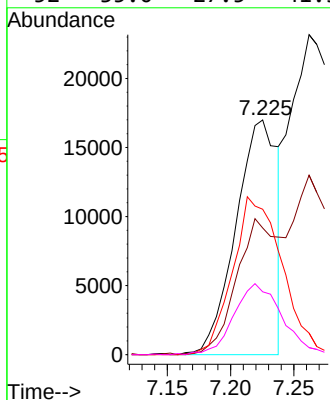
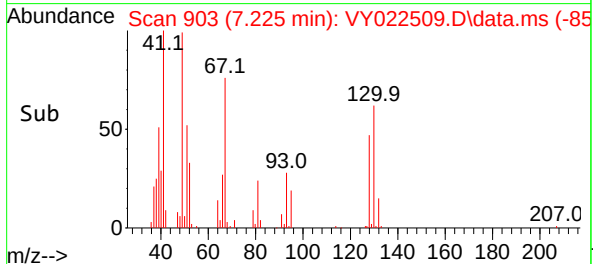
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	3891
Ion	Ratio	Lower	Upper
41	100		
39	63.7	46.6	69.8
67	80.2	63.3	94.9
52	35.0	27.5	41.3

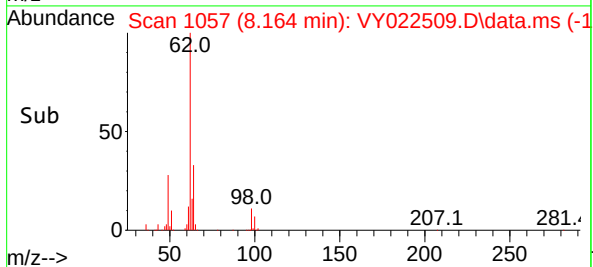
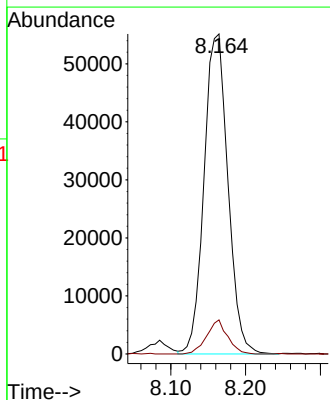
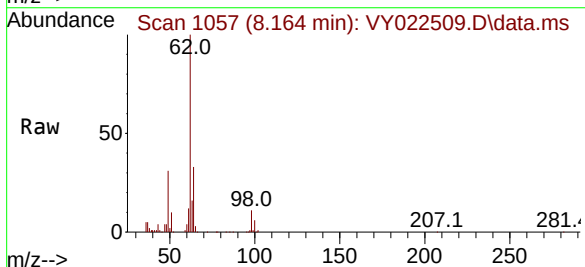
Manual Integrations
APPROVED

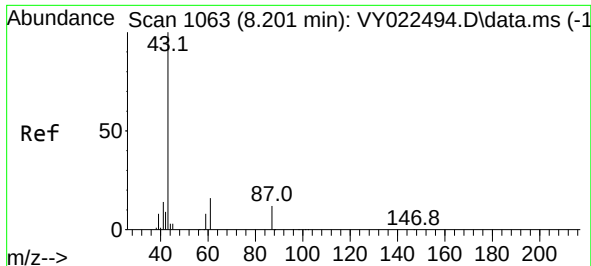
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#42
1,2-Dichloroethane
Concen: 49.210 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

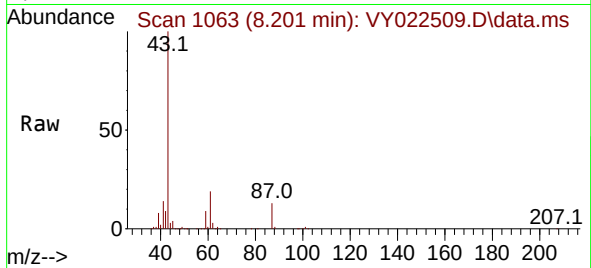
Tgt Ion:	62	Resp:	122483
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43
Isopropyl Acetate
Concen: 49.636 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

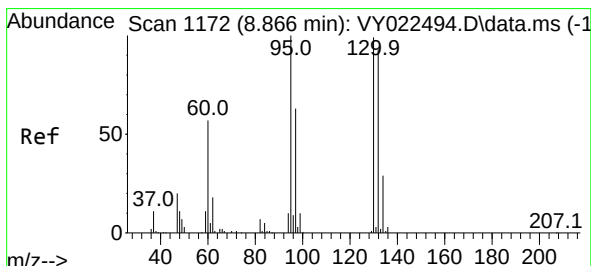
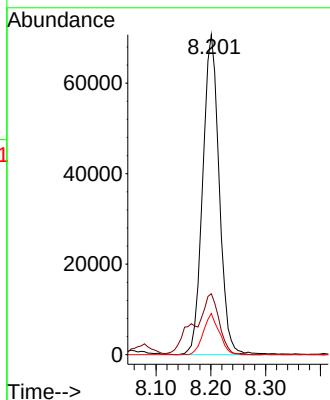
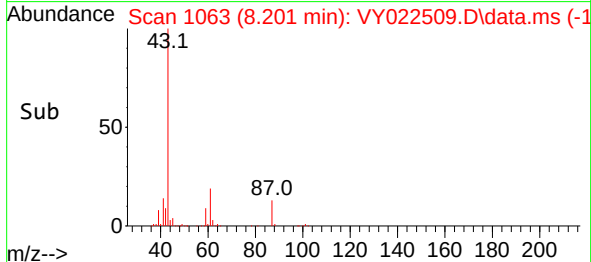
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



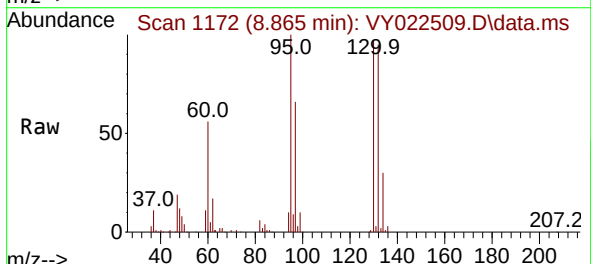
Tgt Ion: 43 Resp: 147544
Ion Ratio Lower Upper
43 100
61 27.8 15.6 23.4
87 12.4 10.2 15.4

Manual Integrations
APPROVED

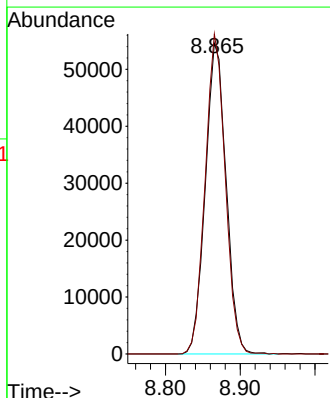
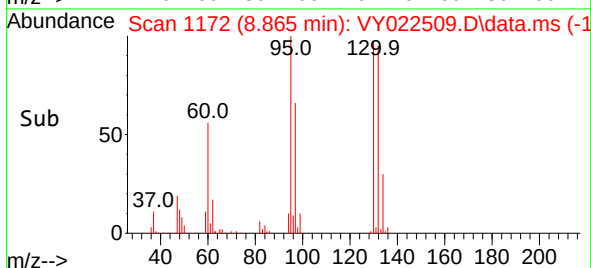
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

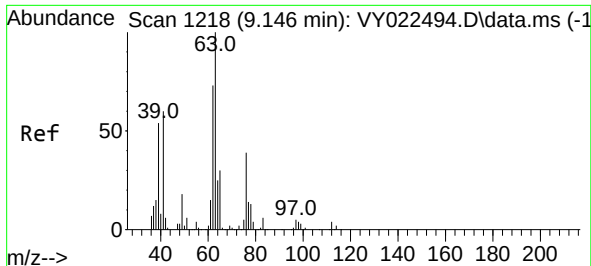


#44
Trichloroethene
Concen: 47.347 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion:130 Resp: 105484
Ion Ratio Lower Upper
130 100
95 102.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 48.737 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10499

Ion Ratio Lower Upper

63 100

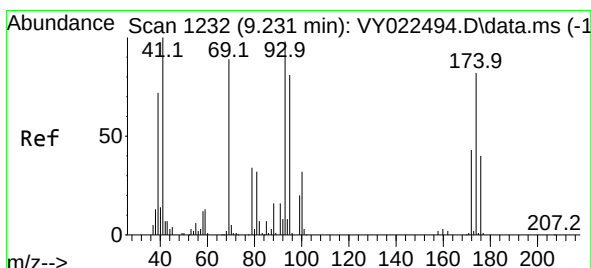
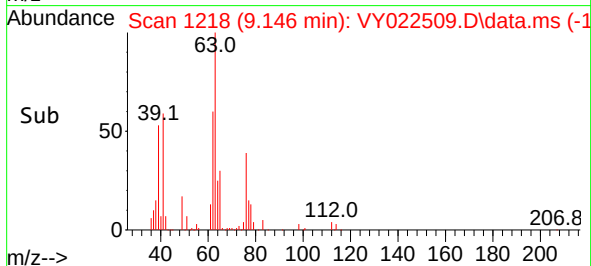
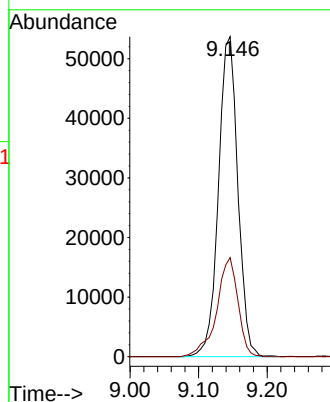
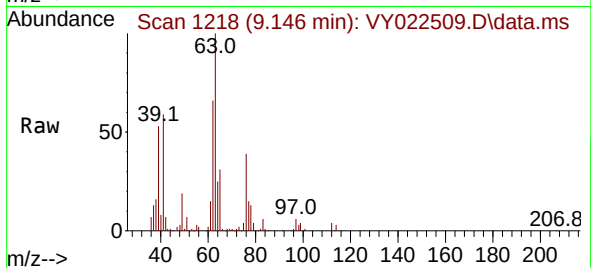
65 30.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 49.250 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

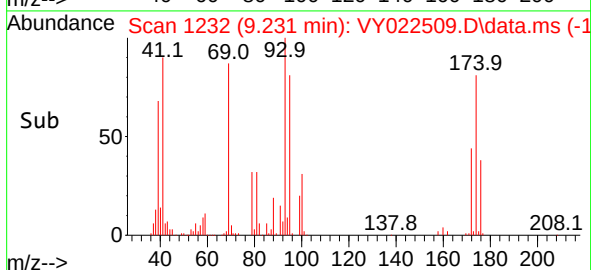
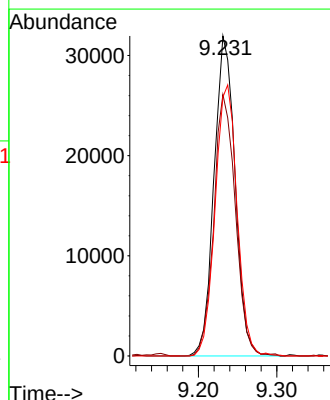
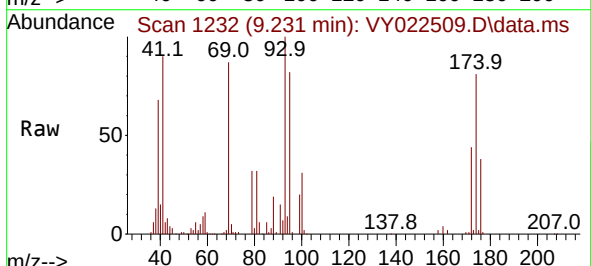
Tgt Ion: 93 Resp: 59691

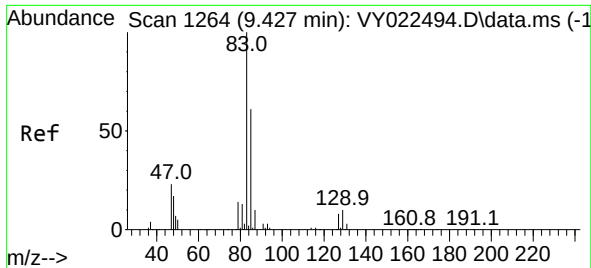
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

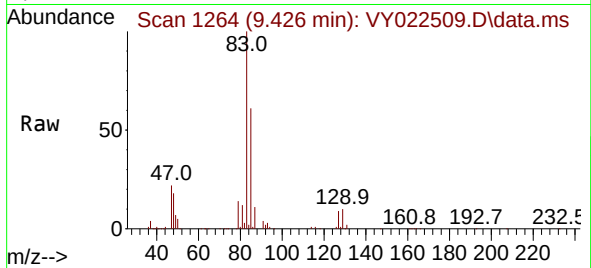
174 88.4 70.4 105.6





#47
Bromodichloromethane
Concen: 48.405 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

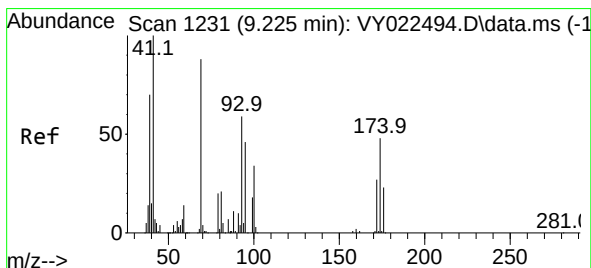
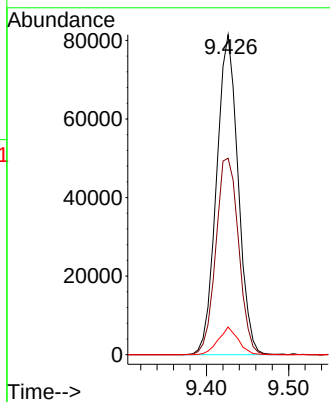
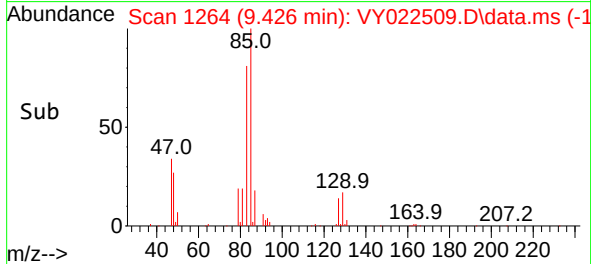
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



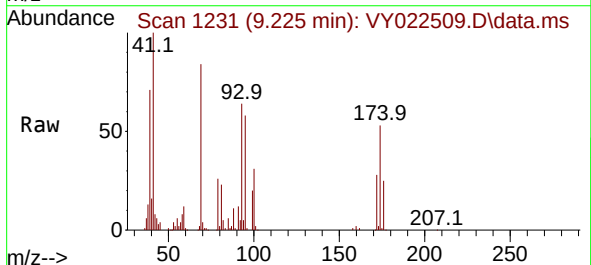
Tgt Ion: 83 Resp: 14875
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7
127 8.6 6.2 9.4

Manual Integrations
APPROVED

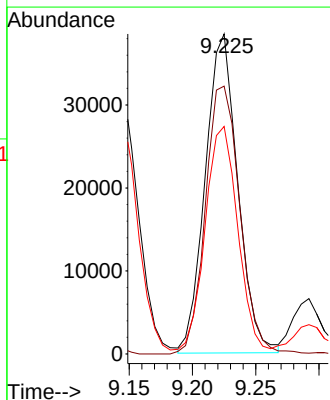
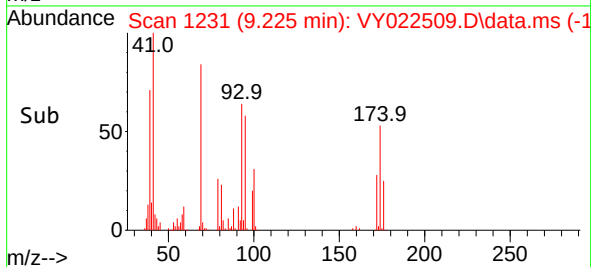
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

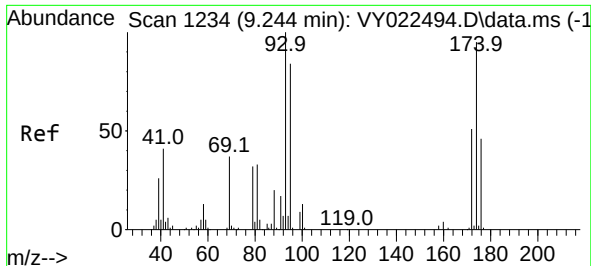


#48
Methyl methacrylate
Concen: 49.282 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion: 41 Resp: 68753
Ion Ratio Lower Upper
41 100
69 89.0 67.8 101.8
39 69.7 55.0 82.4





#49

1,4-Dioxane

Concen: 1023.633 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

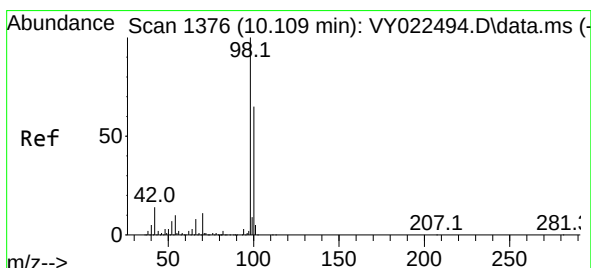
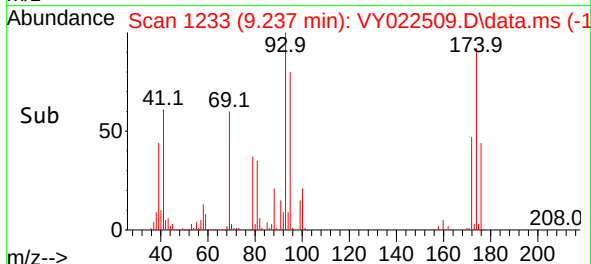
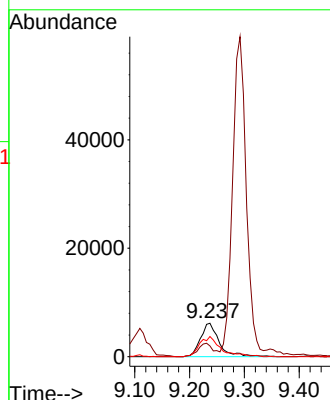
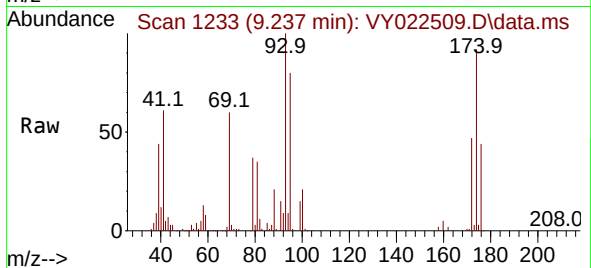
VSTDCCC050EC

Tgt Ion: 88	Resp: 14698
Ion Ratio	Lower Upper
88 100	
43 33.7	25.4 38.2
58 68.1	54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#50

Toluene-d8

Concen: 49.035 ug/l

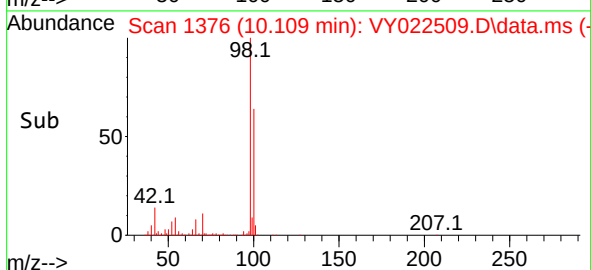
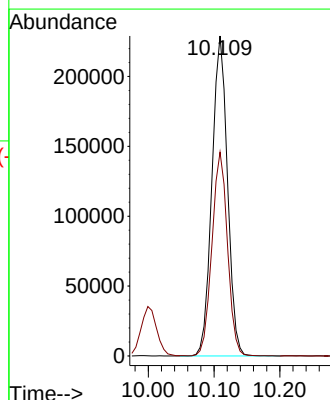
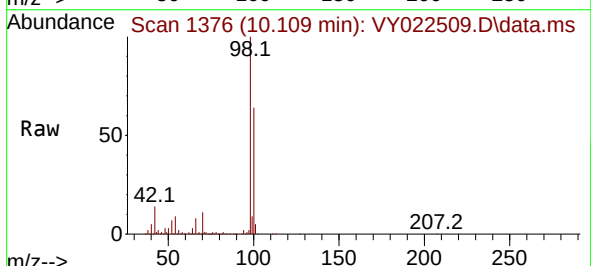
RT: 10.109 min Scan# 1376

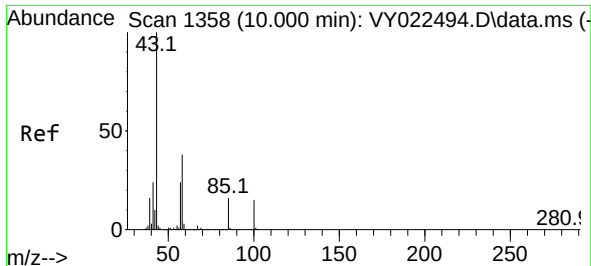
Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

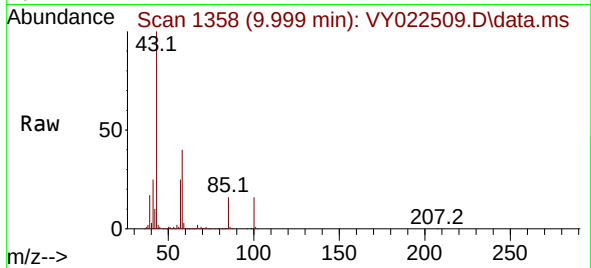
Tgt Ion: 98	Resp: 376768
Ion Ratio	Lower Upper
98 100	
100 63.7	51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 259.628 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

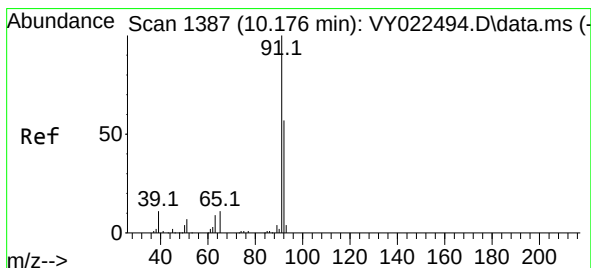
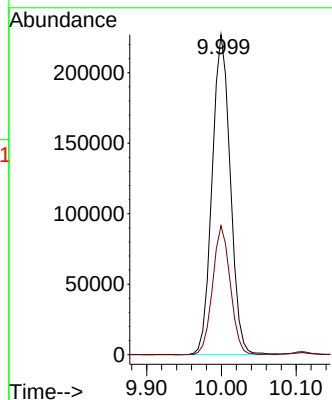
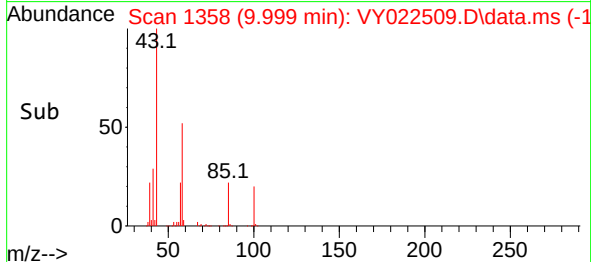
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 384770
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6

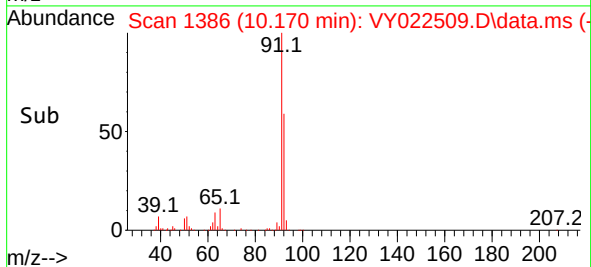
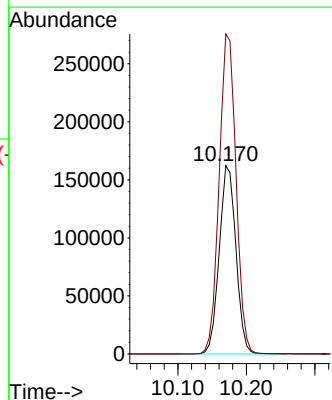
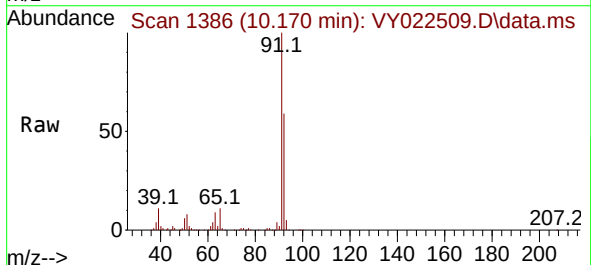
Manual Integrations
APPROVED

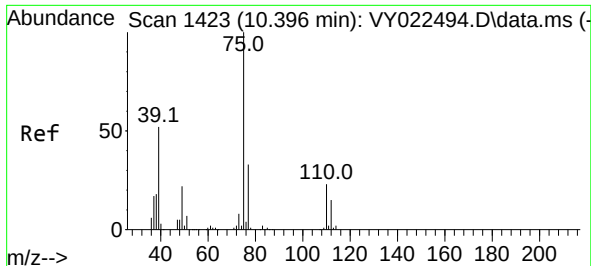
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 47.705 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

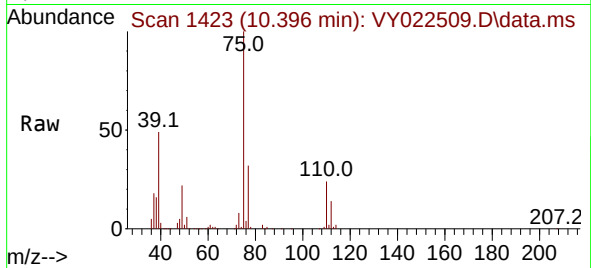
Tgt Ion: 92 Resp: 273282
Ion Ratio Lower Upper
92 100
91 172.3 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 48.329 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

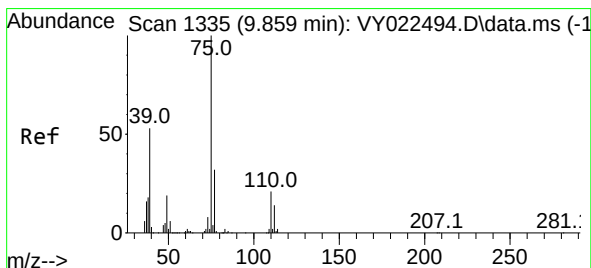
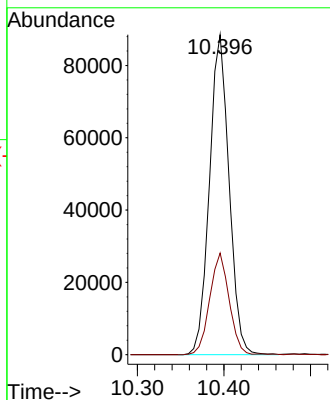
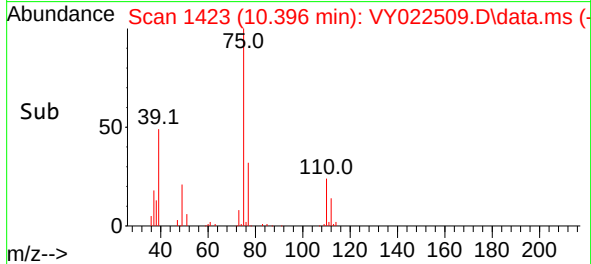
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 139162
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7

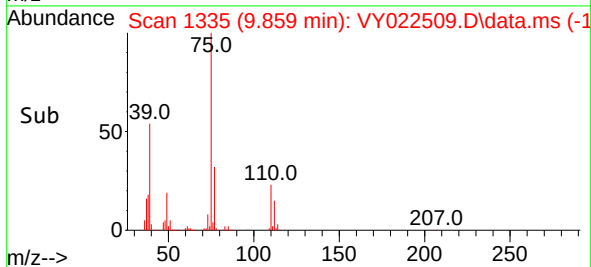
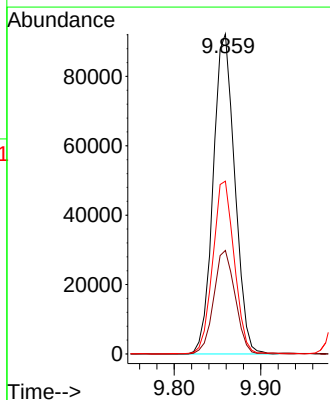
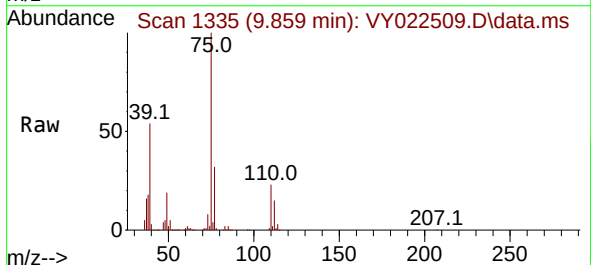
Manual Integrations
APPROVED

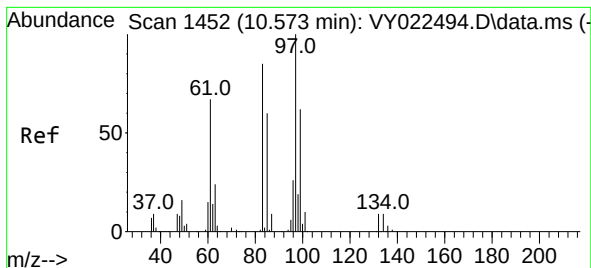
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#54
cis-1,3-Dichloropropene
Concen: 47.659 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

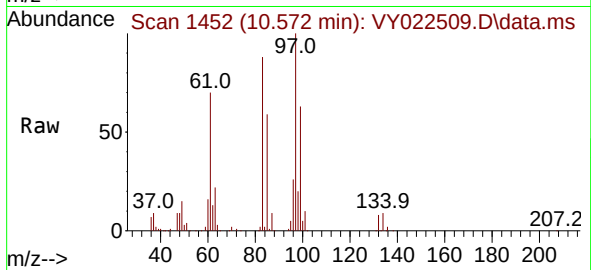
Tgt Ion: 75 Resp: 159750
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 53.9 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 48.720 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

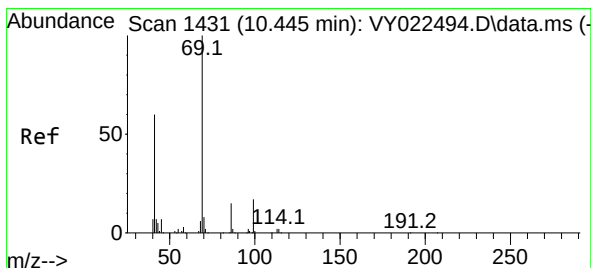
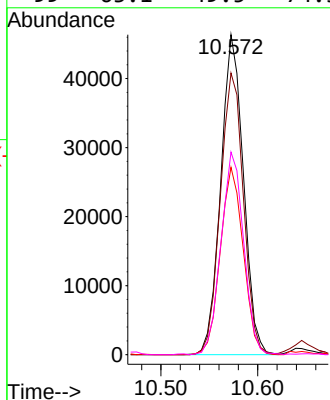
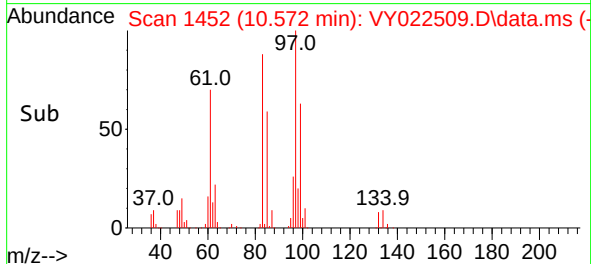
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



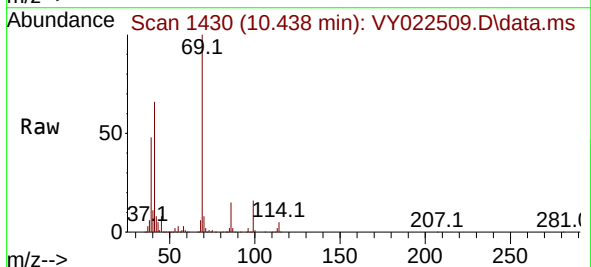
Tgt Ion: 97 Resp: 7529
Ion Ratio Lower Upper
97 100
83 88.0 68.1 102.1
85 58.5 48.2 72.2
99 63.1 49.5 74.3

Manual Integrations
APPROVED

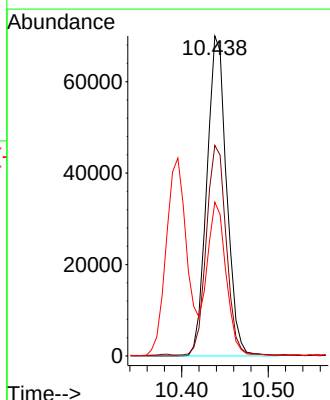
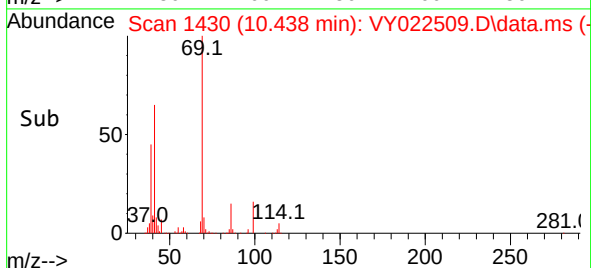
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

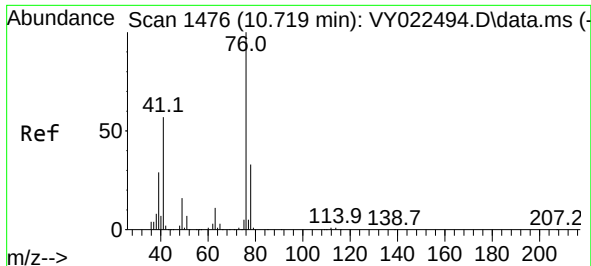


#56
Ethyl methacrylate
Concen: 49.760 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion: 69 Resp: 111150
Ion Ratio Lower Upper
69 100
41 66.0 52.2 78.2
39 45.4 36.7 55.1





#57

1,3-Dichloropropane

Concen: 49.962 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13685

Ion Ratio Lower Upper

76 100

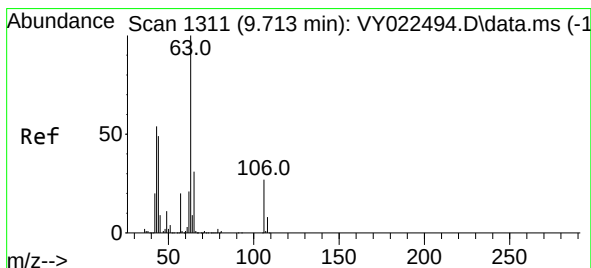
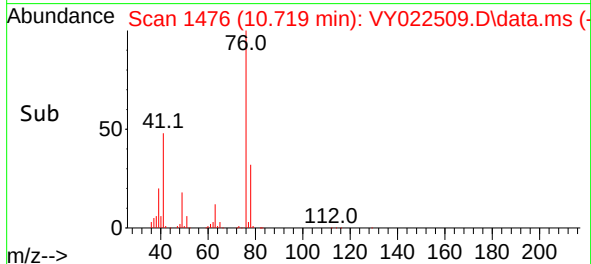
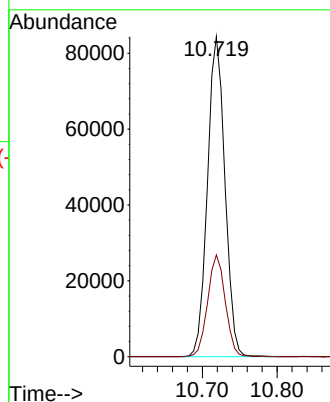
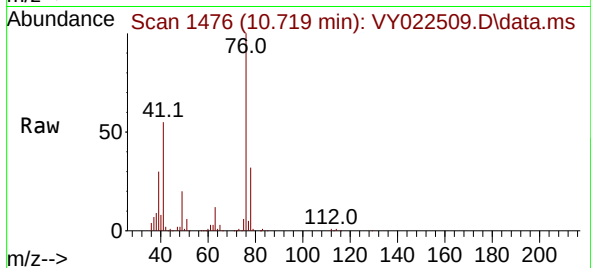
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 262.833 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022509.D

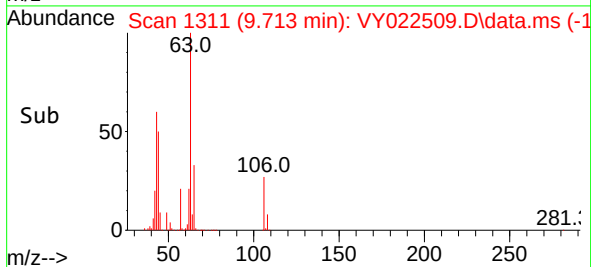
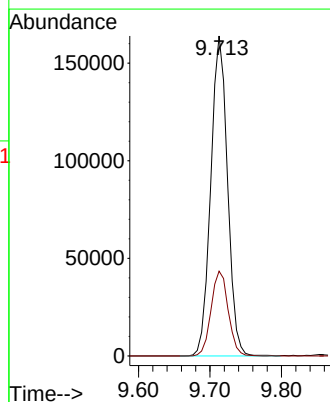
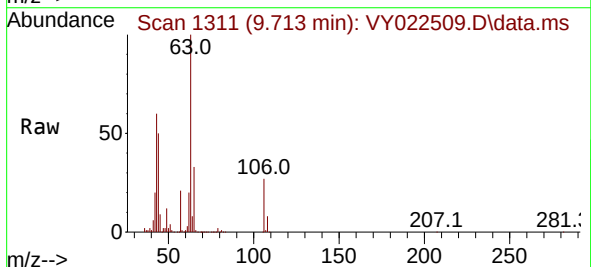
Acq: 02 Jun 2025 19:54

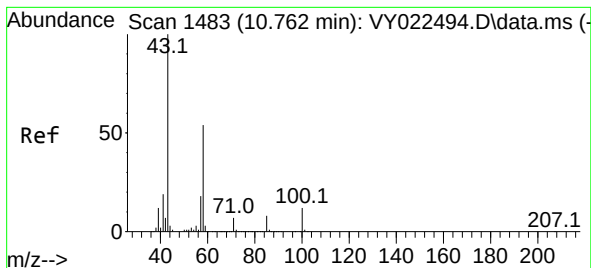
Tgt Ion: 63 Resp: 266551

Ion Ratio Lower Upper

63 100

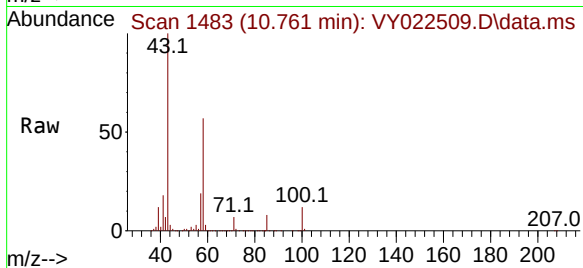
106 27.1 21.6 32.4





#59
2-Hexanone
Concen: 257.047 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

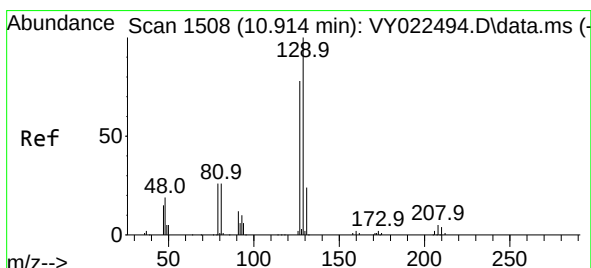
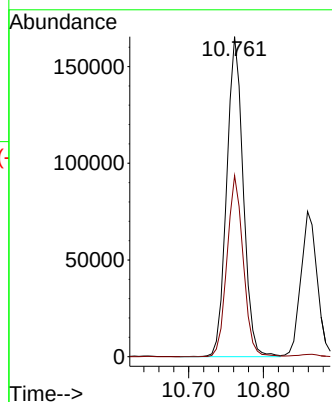
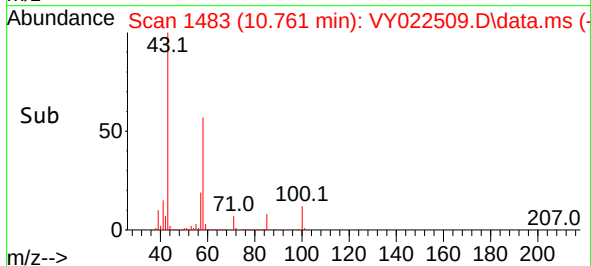
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 254773
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8

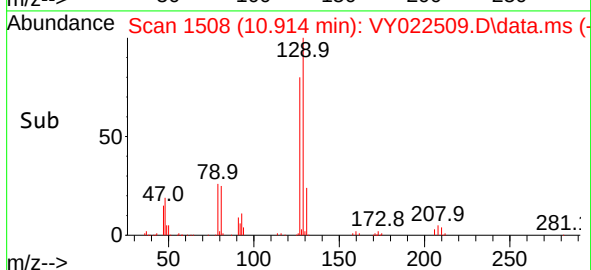
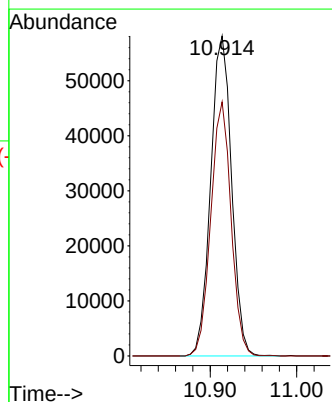
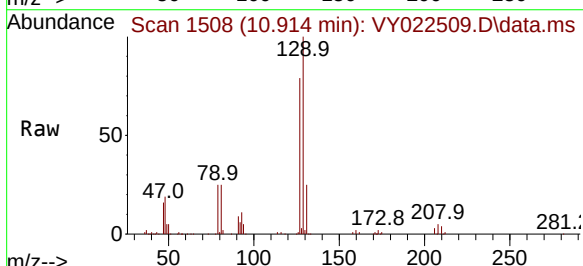
Manual Integrations
APPROVED

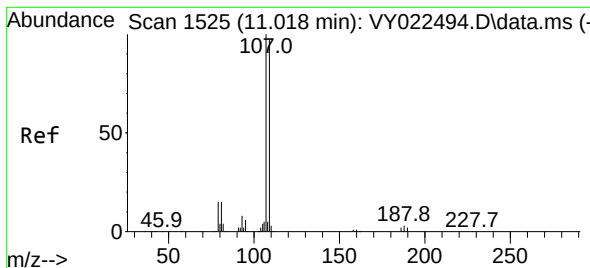
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 49.603 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

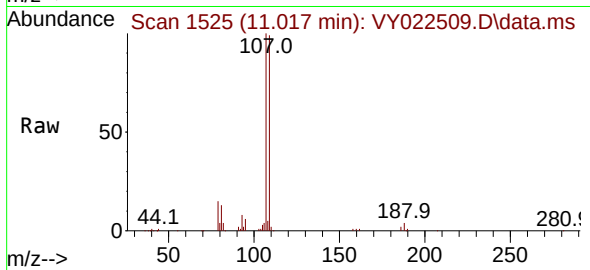
Tgt Ion:129 Resp: 97421
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61
1,2-Dibromoethane
Concen: 50.389 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

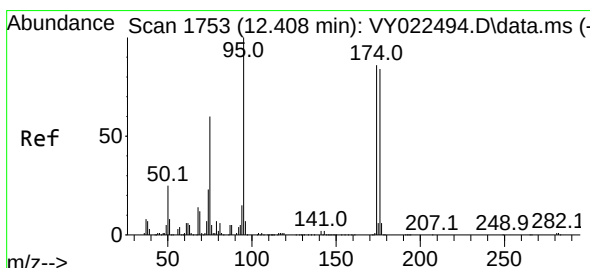
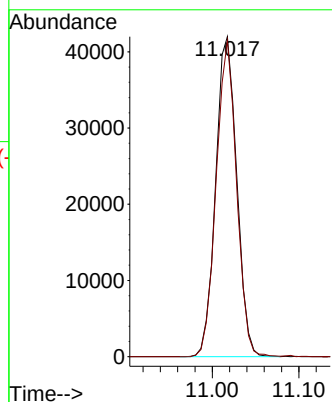
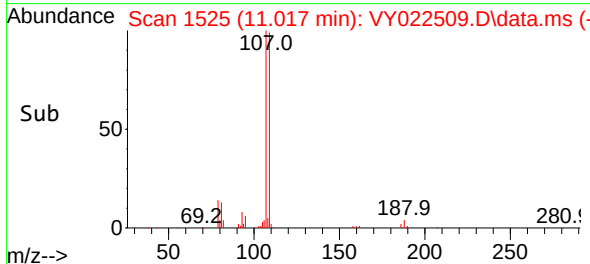
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



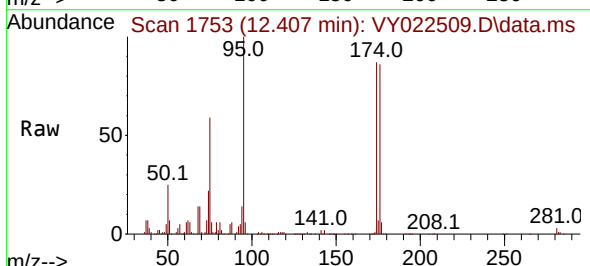
Tgt Ion:107 Resp: 70978
Ion Ratio Lower Upper
107 100
109 95.6 77.7 116.5

Manual Integrations
APPROVED

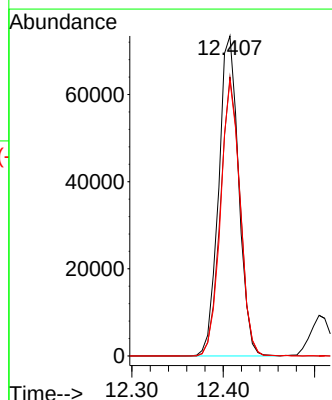
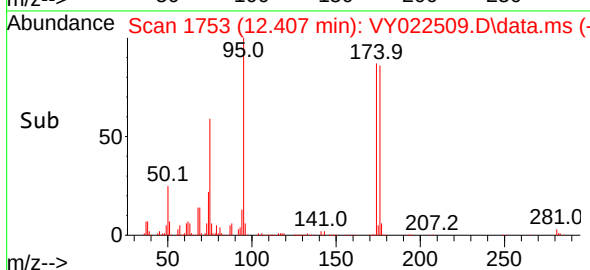
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

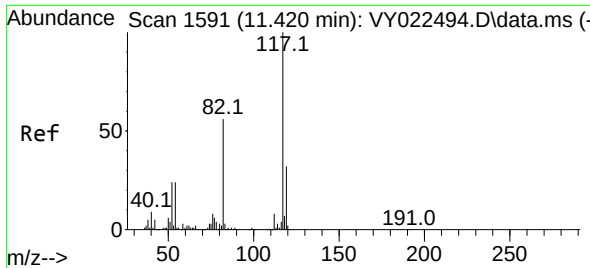


#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



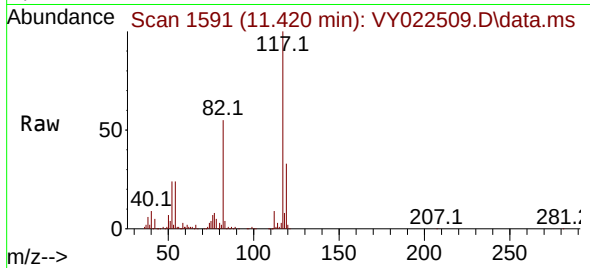
Tgt Ion: 95 Resp: 111975
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 83.6 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

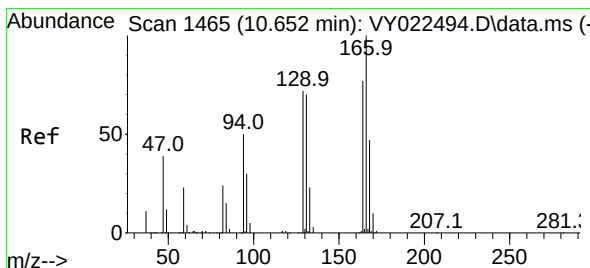
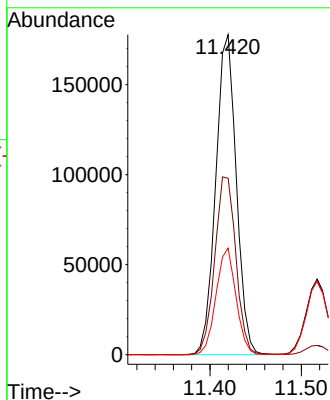
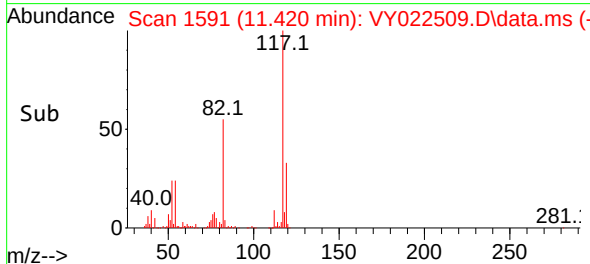
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



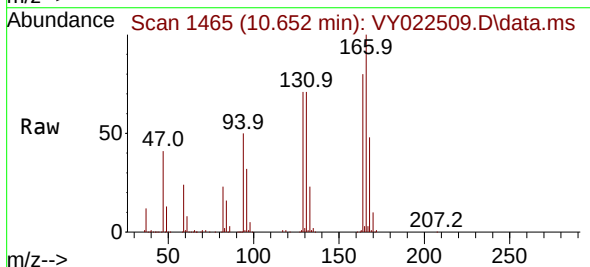
Tgt Ion:117 Resp: 27848
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 33.3 25.4 38.0

Manual Integrations
APPROVED

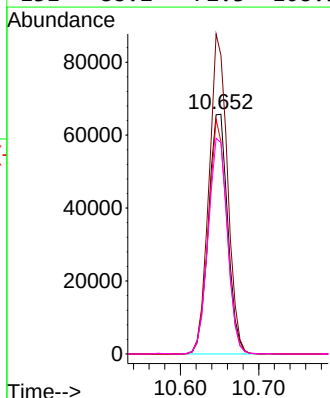
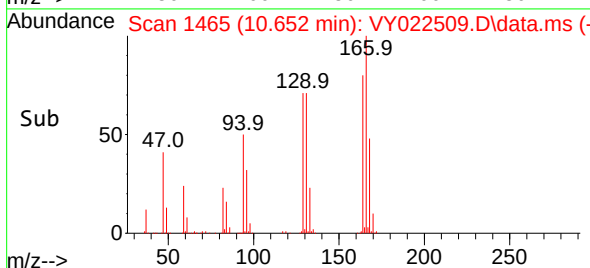
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

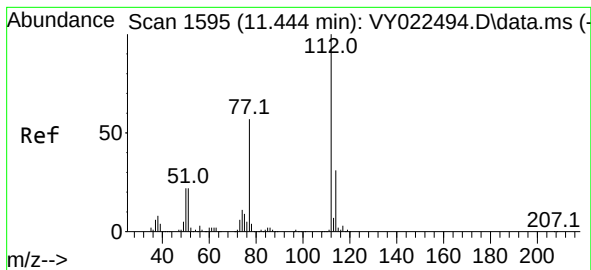


#64
Tetrachloroethene
Concen: 46.940 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



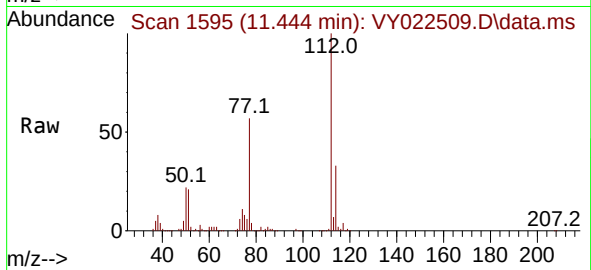
Tgt Ion:164 Resp: 112448
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 88.6 74.5 111.7
131 88.2 72.3 108.5





#65
Chlorobenzene
Concen: 46.359 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

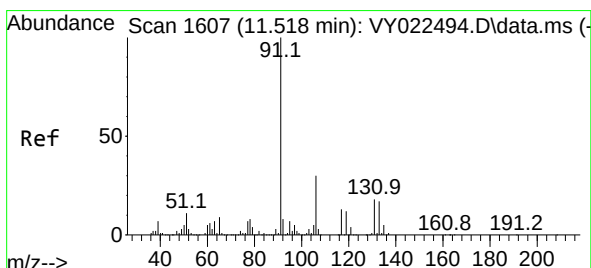
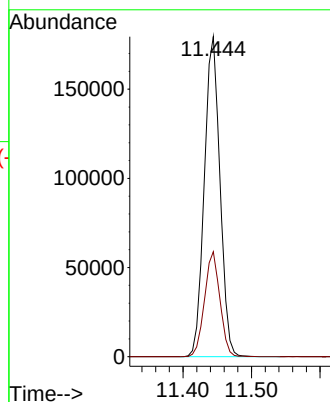
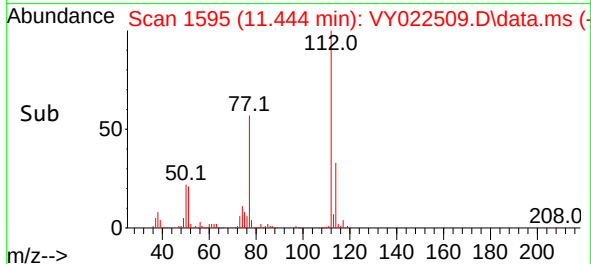
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



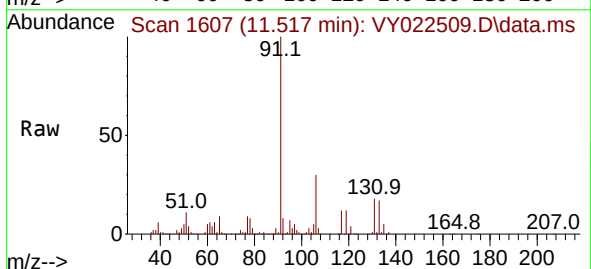
Tgt Ion:112 Resp: 285680
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6

Manual Integrations
APPROVED

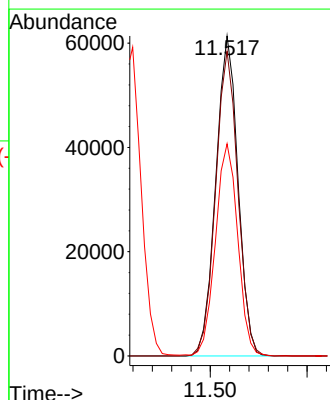
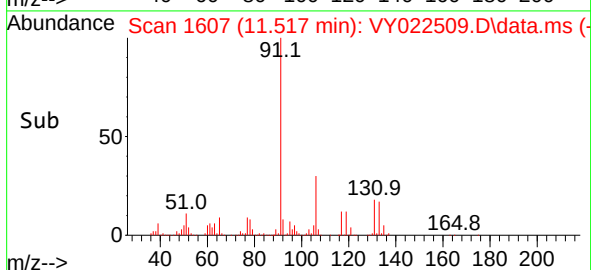
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

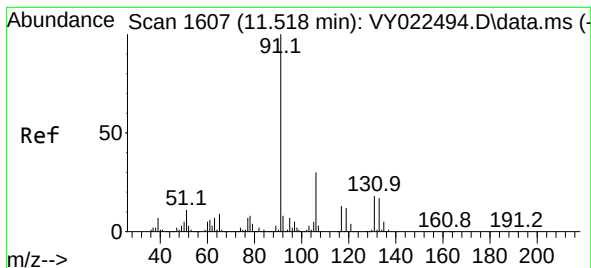


#66
1,1,1,2-Tetrachloroethane
Concen: 46.990 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion:131 Resp: 97551
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 45.694 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 522290

Ion Ratio Lower Upper

91 100

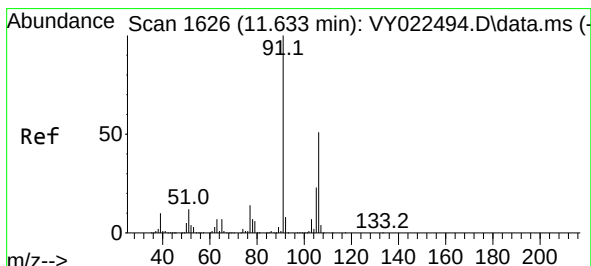
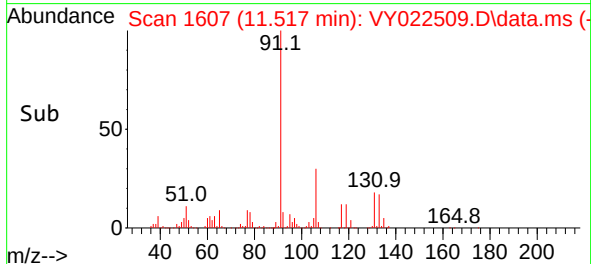
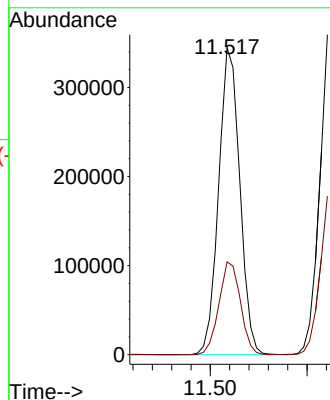
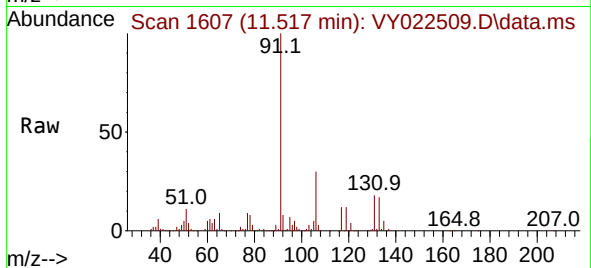
106 30.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#68

m/p-Xylenes

Concen: 92.079 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022509.D

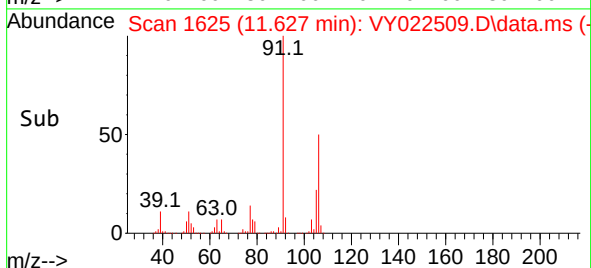
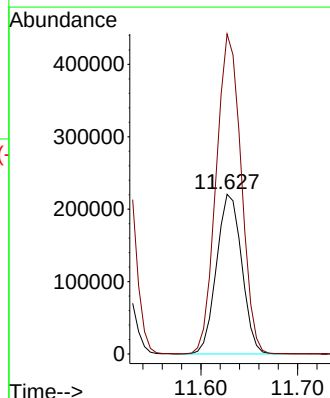
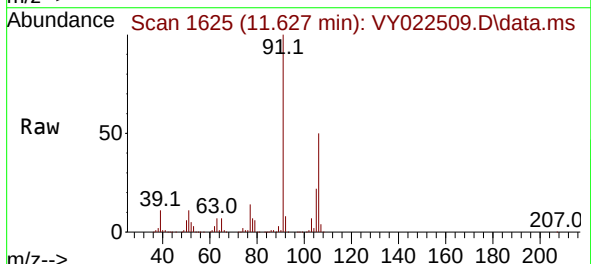
Acq: 02 Jun 2025 19:54

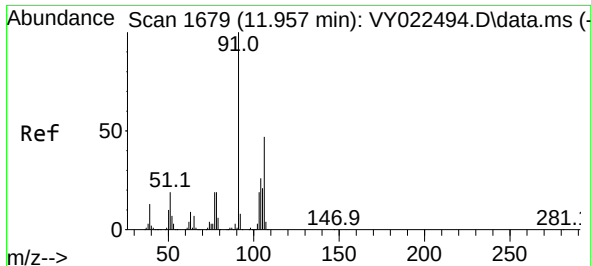
Tgt Ion:106 Resp: 398984

Ion Ratio Lower Upper

106 100

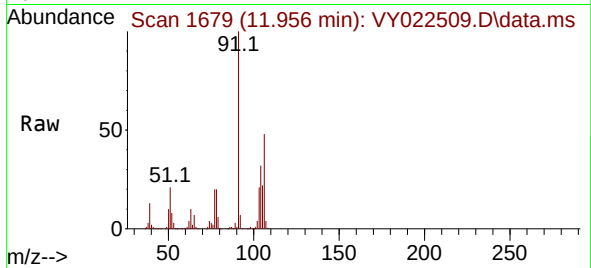
91 198.5 159.4 239.0





#69
o-Xylene
Concen: 45.988 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

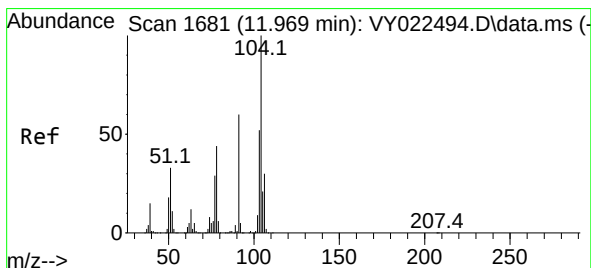
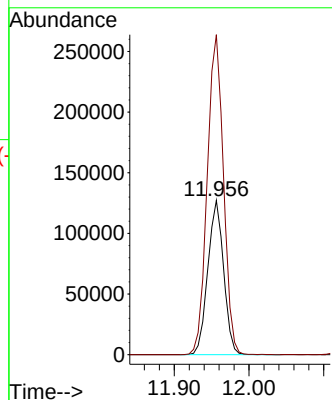
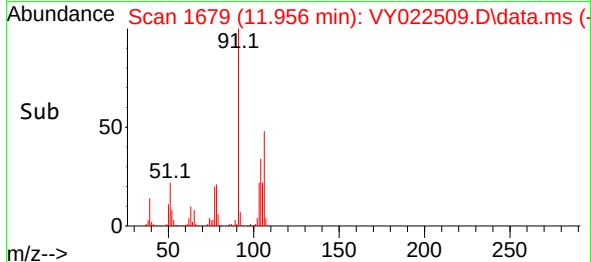
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 186828
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3

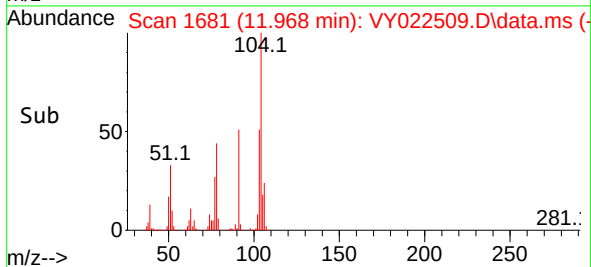
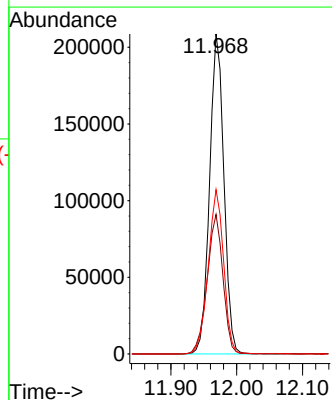
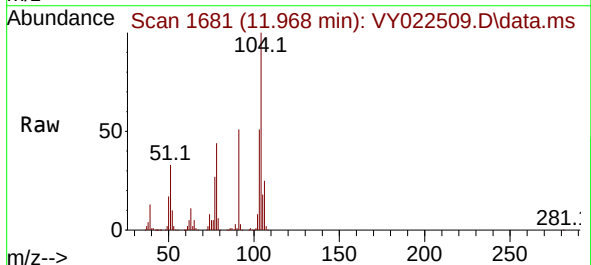
Manual Integrations
APPROVED

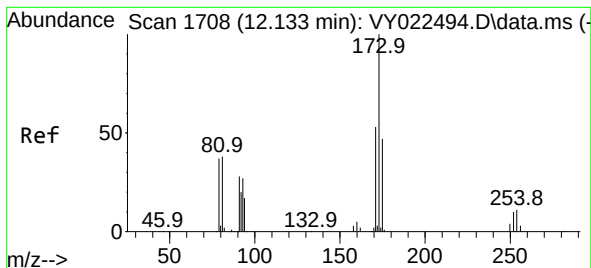
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 47.165 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Tgt Ion:104 Resp: 316725
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 55.2 44.1 66.1





#71

Bromoform

Concen: 48.457 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 5353

Ion Ratio Lower Upper

173 100

175 46.9 23.8 71.5

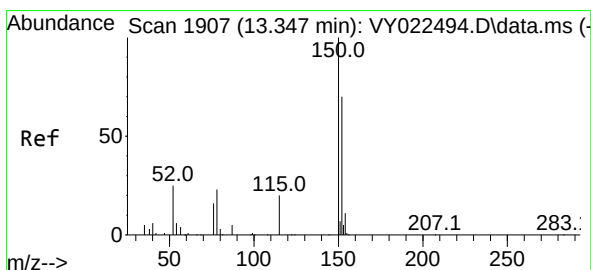
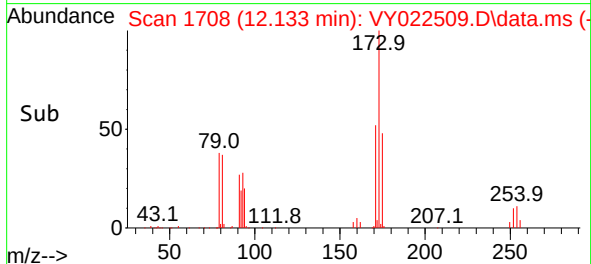
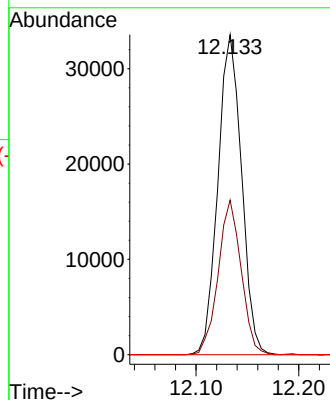
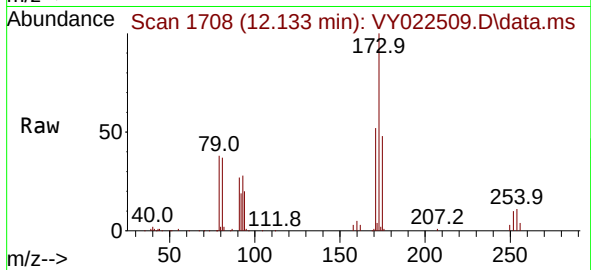
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

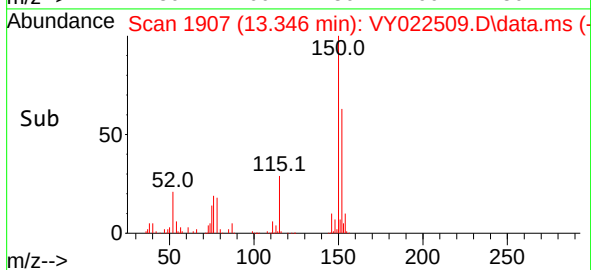
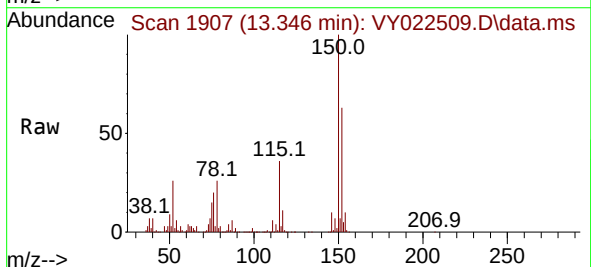
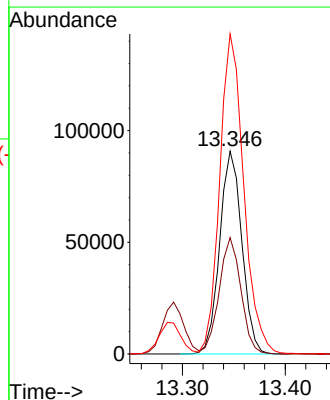
Tgt Ion:152 Resp: 136139

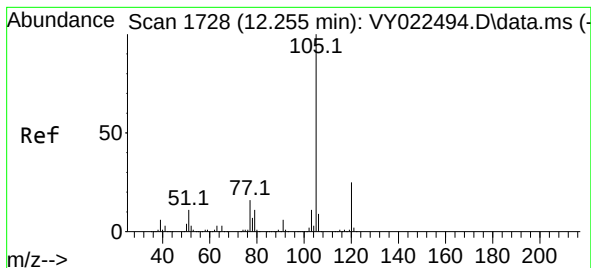
Ion Ratio Lower Upper

152 100

115 56.2 28.9 86.7

150 170.5 0.0 349.6





#73

Isopropylbenzene

Concen: 43.153 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 482324

Ion Ratio Lower Upper

105 100

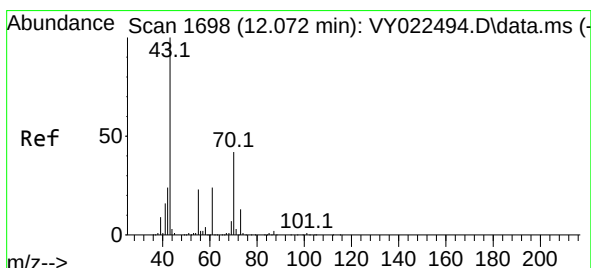
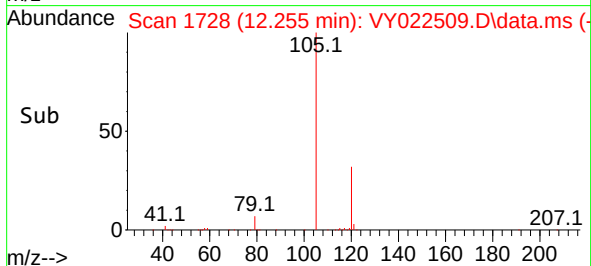
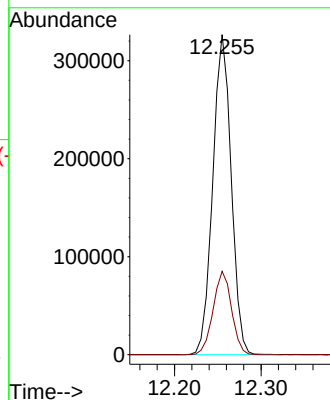
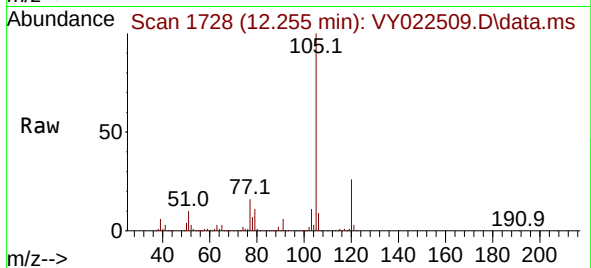
120 26.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#74

N-ethyl acetate

Concen: 45.108 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Tgt Ion: 43 Resp: 127212

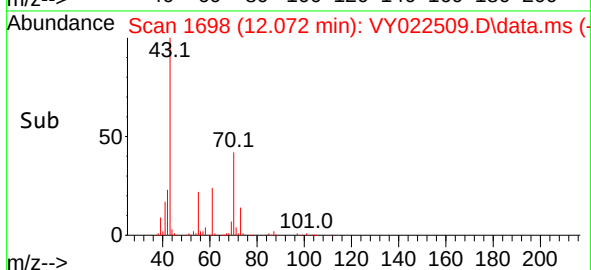
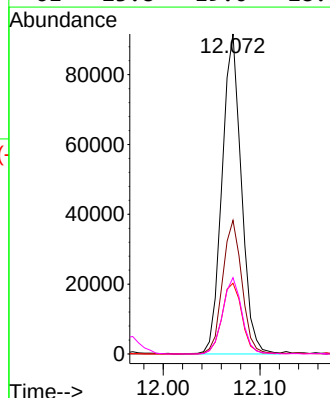
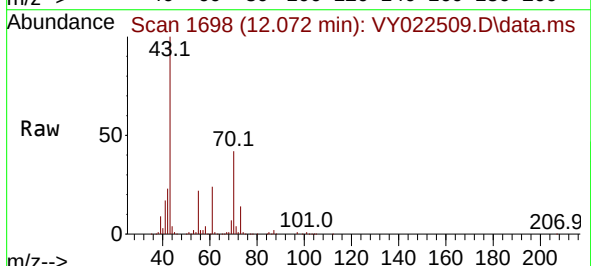
Ion Ratio Lower Upper

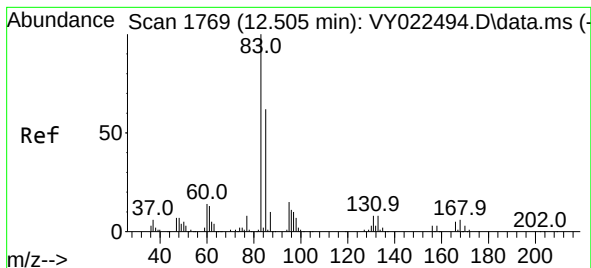
43 100

70 41.9 34.2 51.2

55 23.0 18.2 27.4

61 23.8 19.0 28.6





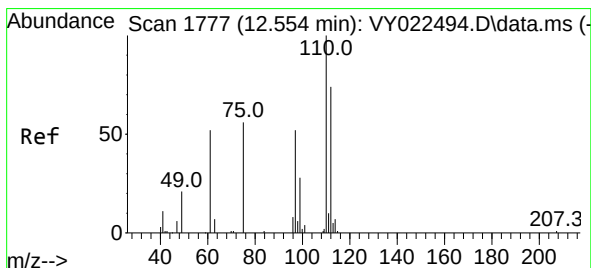
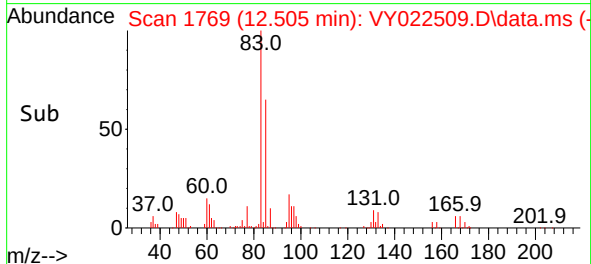
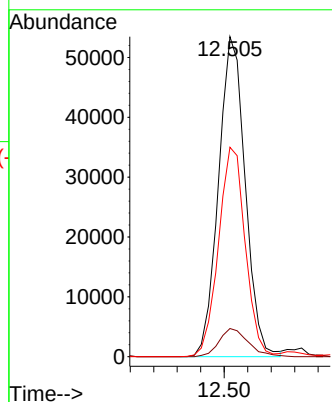
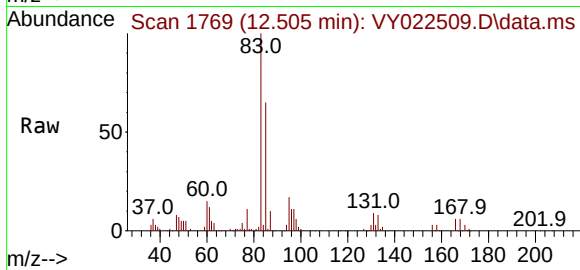
#75
1,1,2,2-Tetrachloroethane
Concen: 46.060 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 84494
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 65.4 32.6 97.8

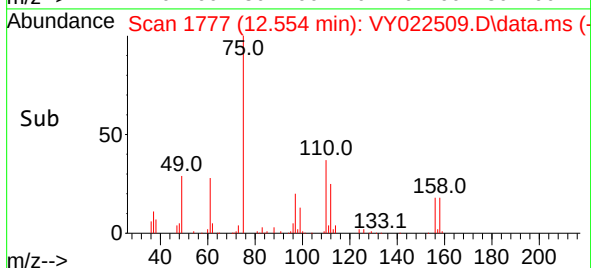
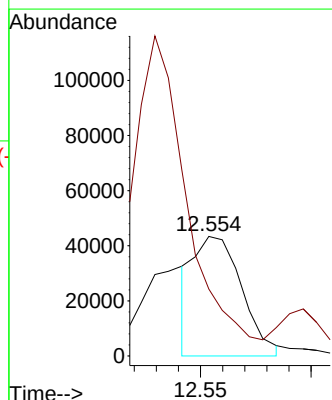
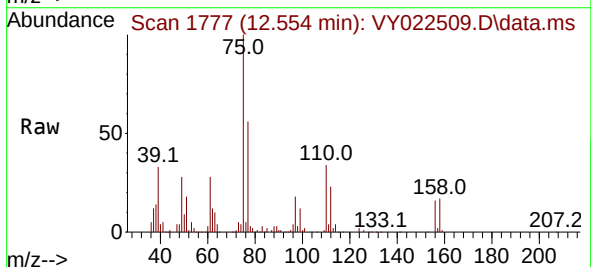
Manual Integrations
APPROVED

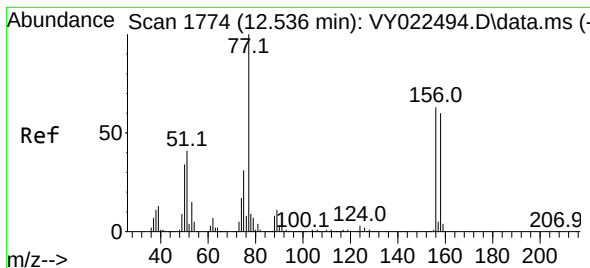
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#76
1,2,3-Trichloropropane
Concen: 42.262 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Tgt Ion: 75 Resp: 65822
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.917 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

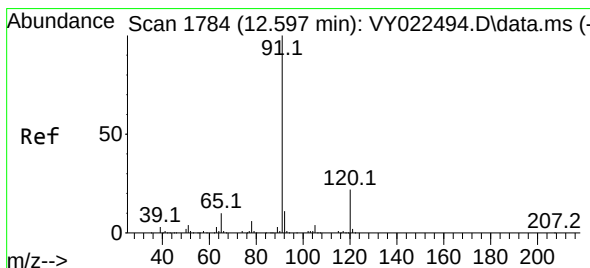
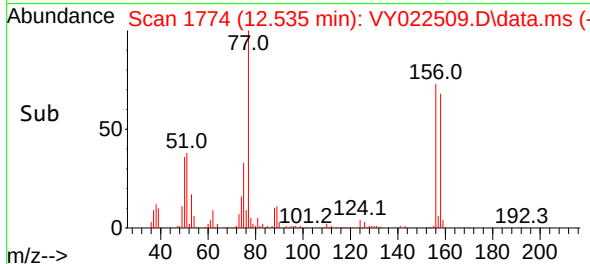
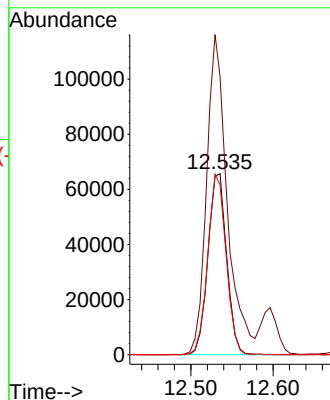
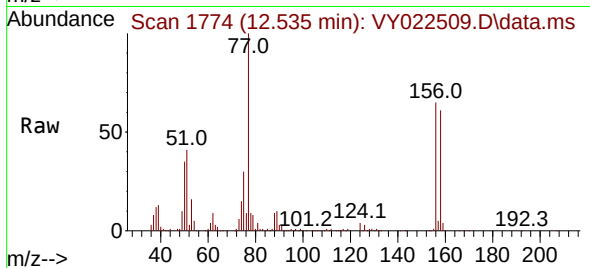
VSTDCCC050EC

Tgt Ion:	156	Resp:	103584
Ion Ratio	Lower	Upper	
156	100		
77	195.4	94.0	282.1
158	97.8	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#78

n-propylbenzene

Concen: 42.721 ug/l

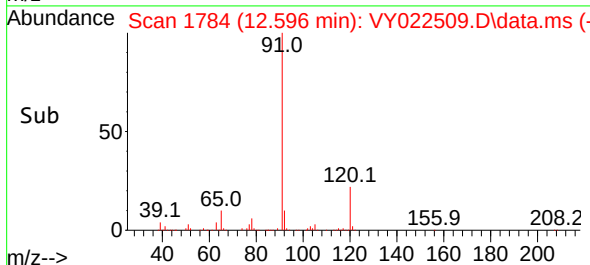
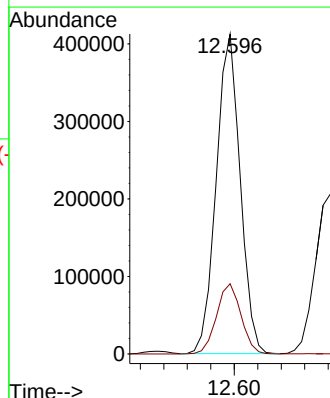
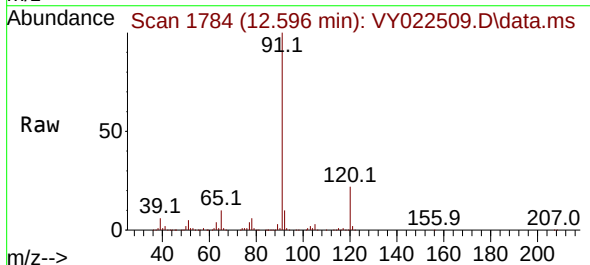
RT: 12.596 min Scan# 1784

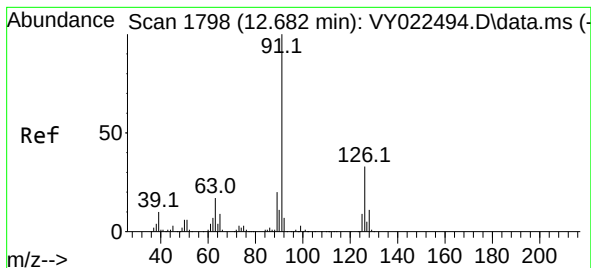
Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Tgt Ion:	91	Resp:	583200
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.8	32.4





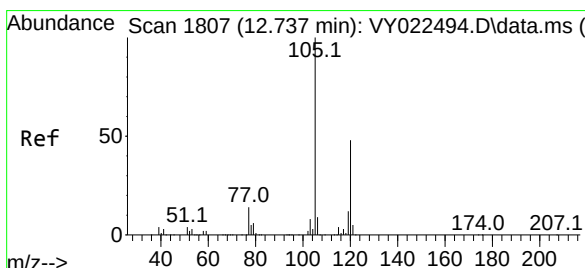
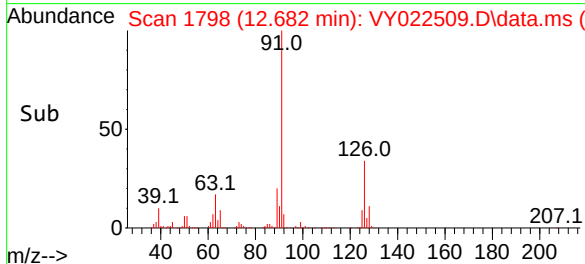
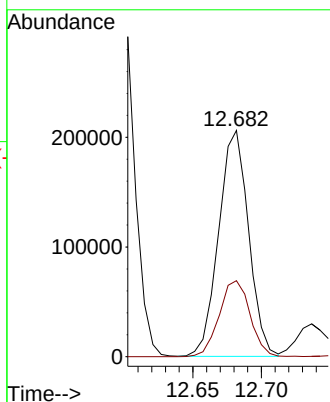
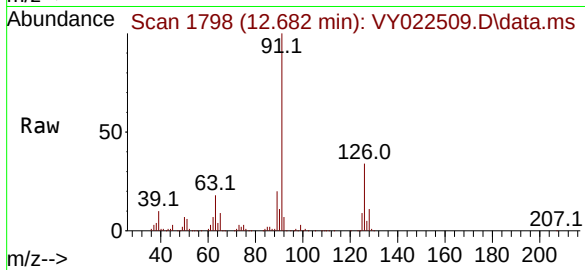
#79
2-Chlorotoluene
Concen: 43.262 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 31301
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

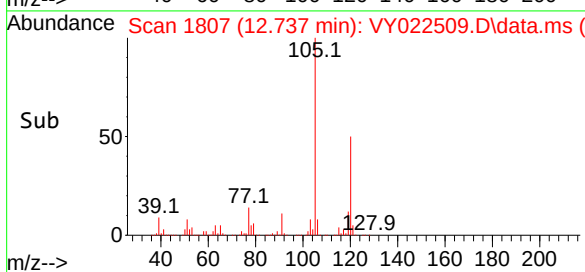
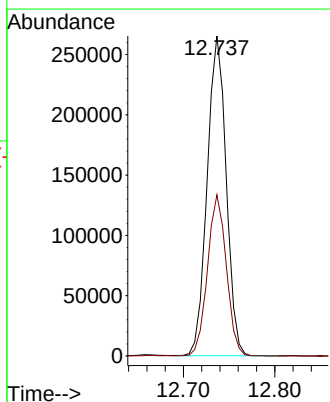
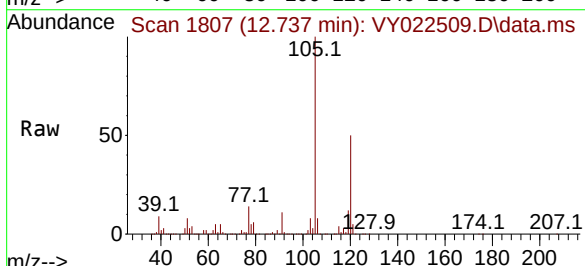
Manual Integrations
APPROVED

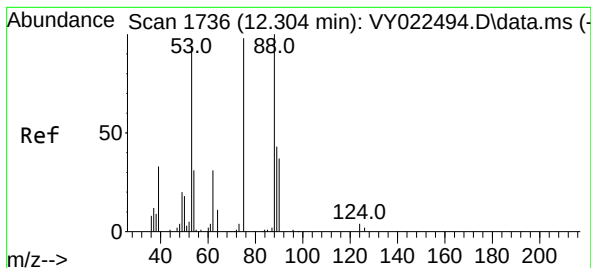
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 43.752 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

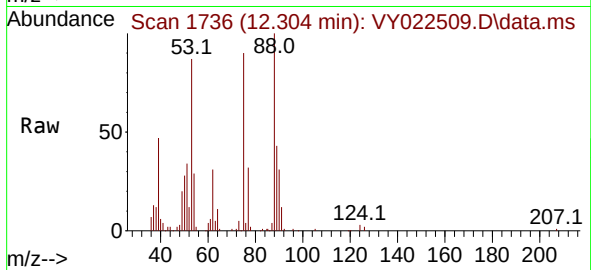
Tgt Ion:105 Resp: 383918
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.153 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

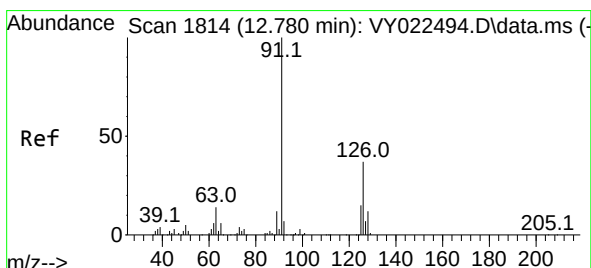
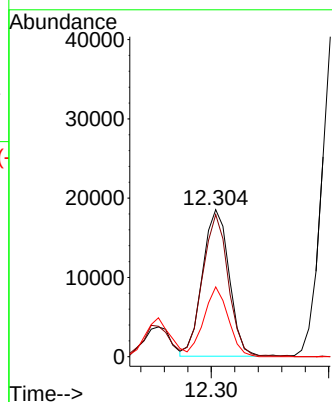
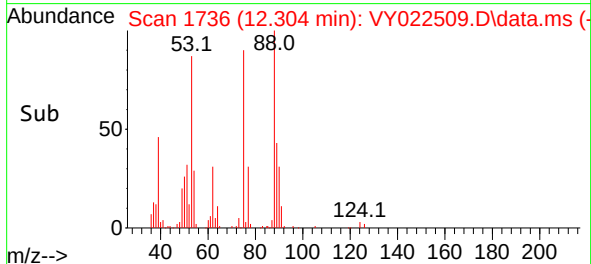
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
53 94.3 78.5 117.7
89 43.5 35.7 53.5

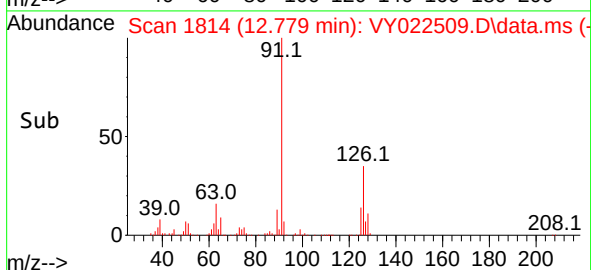
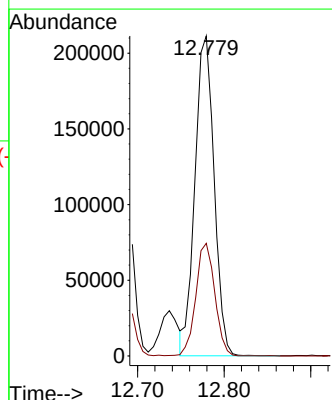
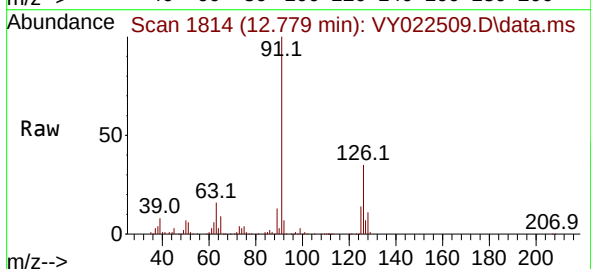
Manual Integrations
APPROVED

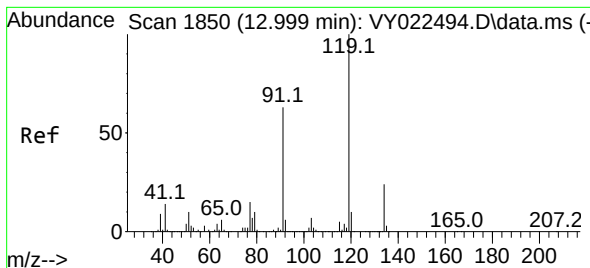
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 43.449 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

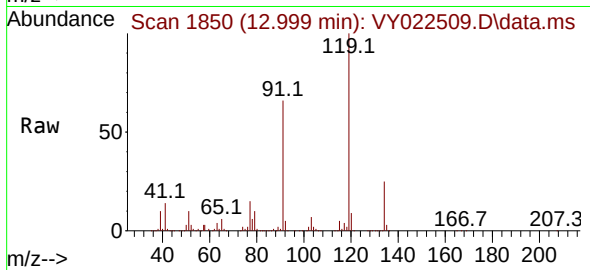
Tgt Ion: 91 Resp: 324302
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9





#83
tert-Butylbenzene
Concen: 43.250 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

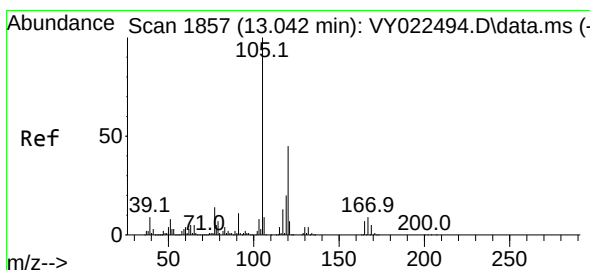
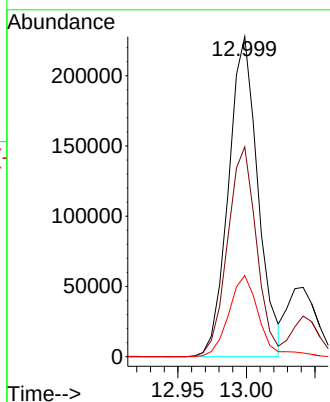
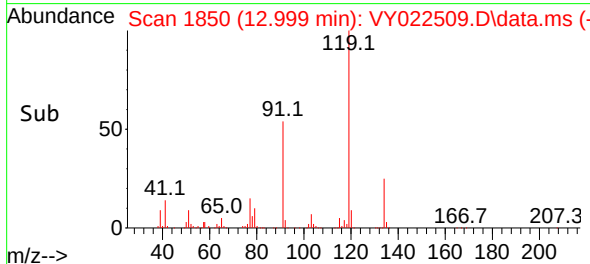
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



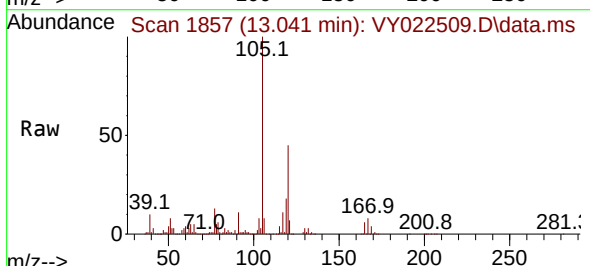
Tgt Ion:119 Resp: 34062
Ion Ratio Lower Upper
119 100
91 64.3 32.1 96.3
134 26.1 13.0 38.9

Manual Integrations
APPROVED

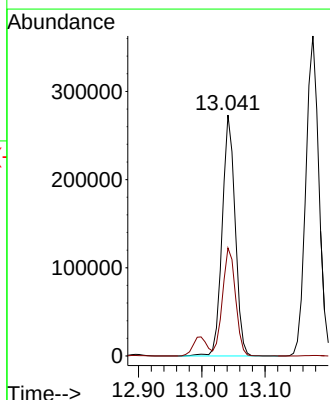
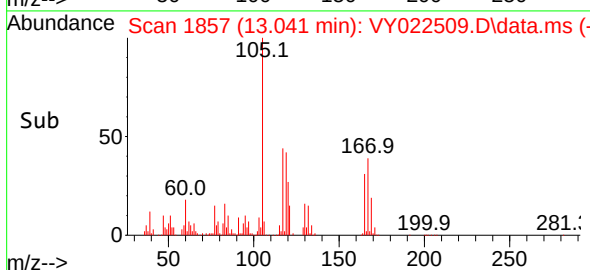
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

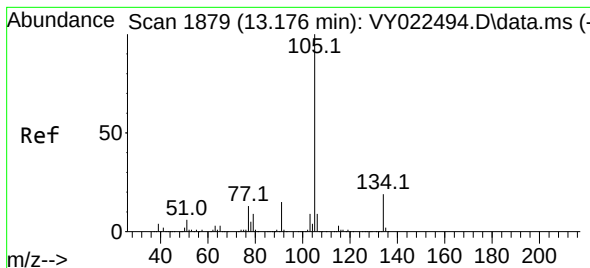


#84
1,2,4-Trimethylbenzene
Concen: 44.000 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion:105 Resp: 386162
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 42.988 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 518518

Ion Ratio Lower Upper

105 100

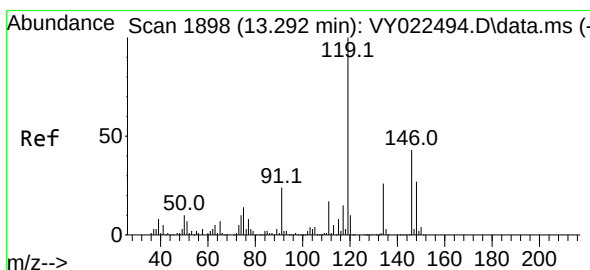
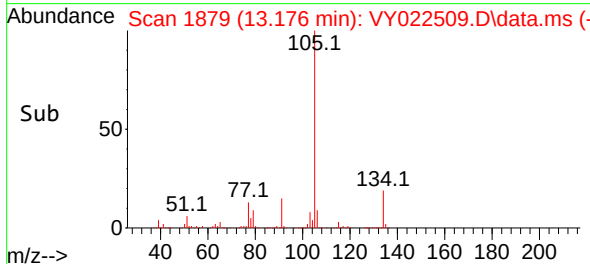
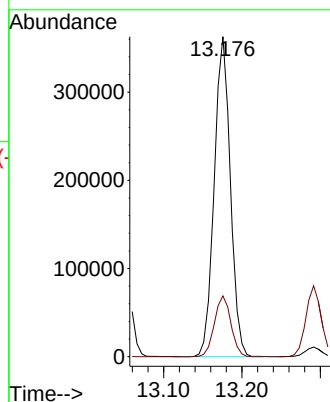
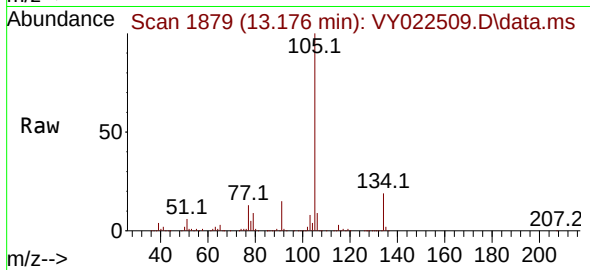
134 19.4 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#86

p-Isopropyltoluene

Concen: 43.113 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

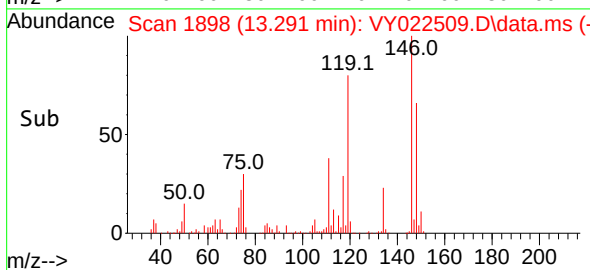
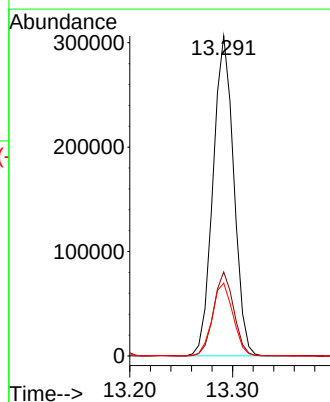
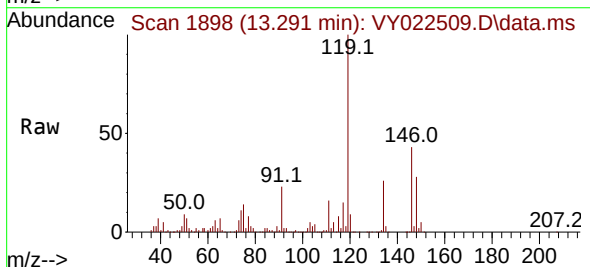
Tgt Ion:119 Resp: 428642

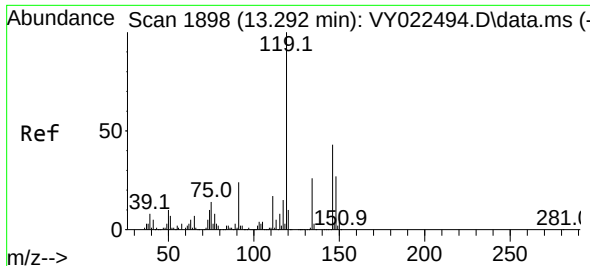
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 43.673 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 20870

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

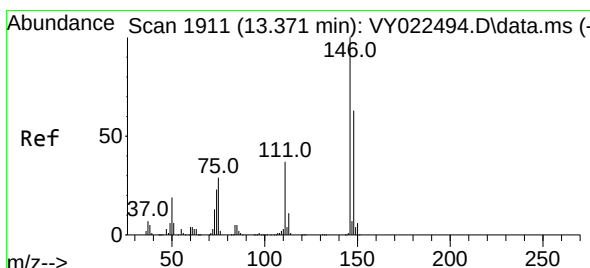
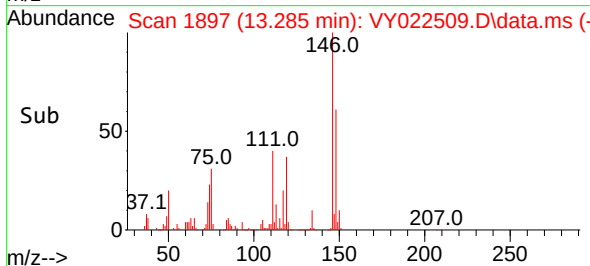
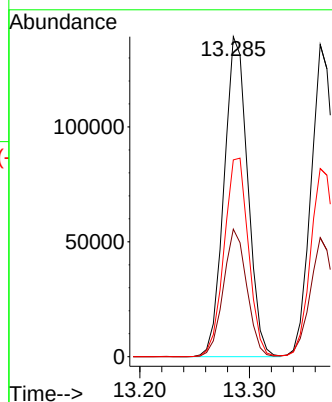
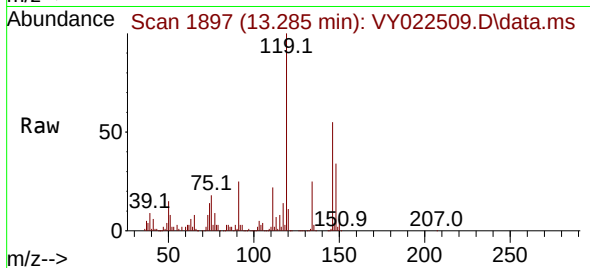
148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#88

1,4-Dichlorobenzene

Concen: 44.038 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

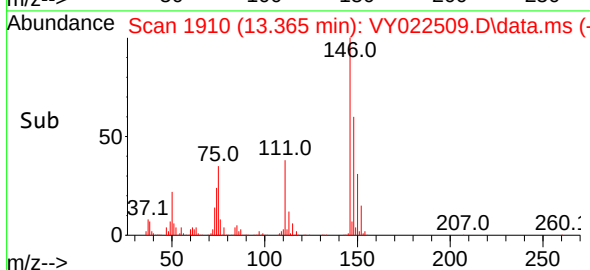
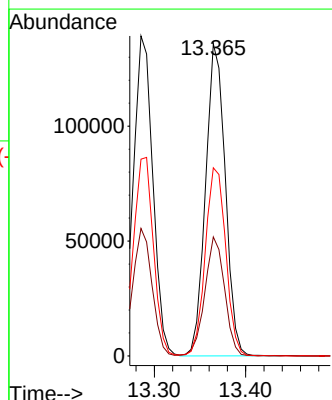
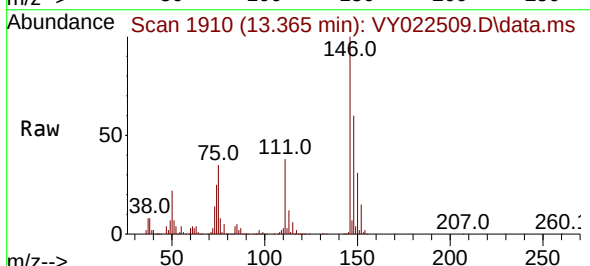
Tgt Ion:146 Resp: 204115

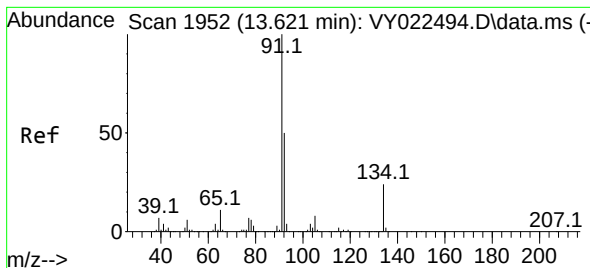
Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 43.260 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

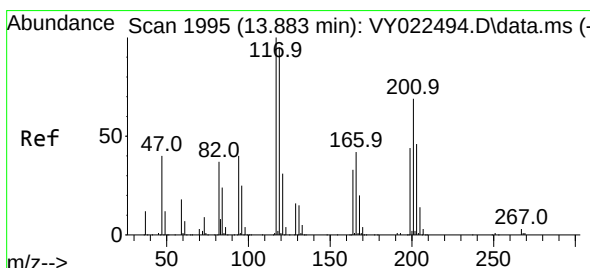
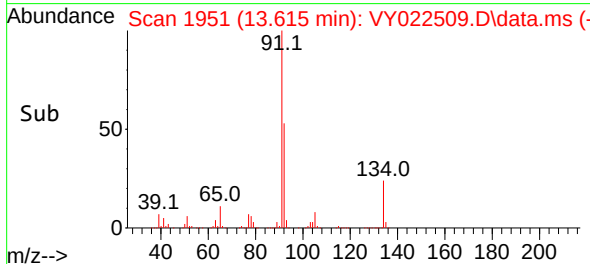
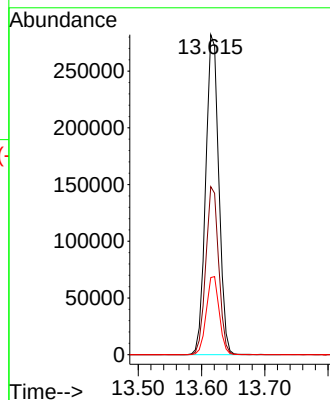
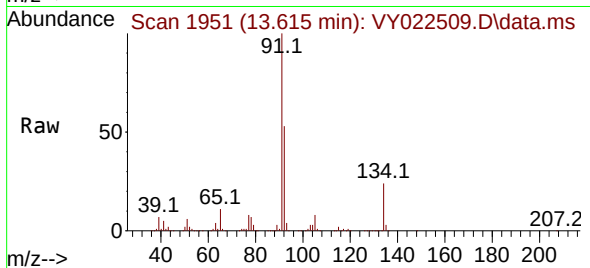
Tgt Ion: 91	Resp: 408064
Ion Ratio	Lower Upper
91	100
92	51.6 25.9 77.8
134	24.1 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#90

Hexachloroethane

Concen: 44.422 ug/l

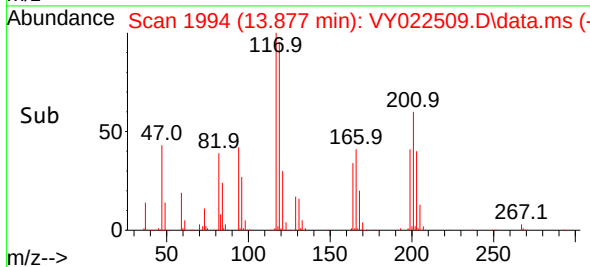
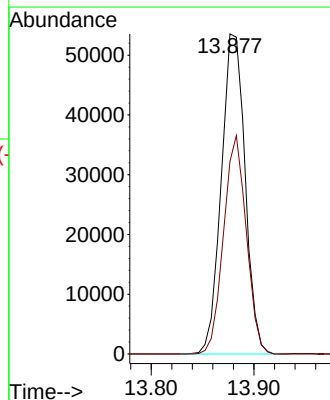
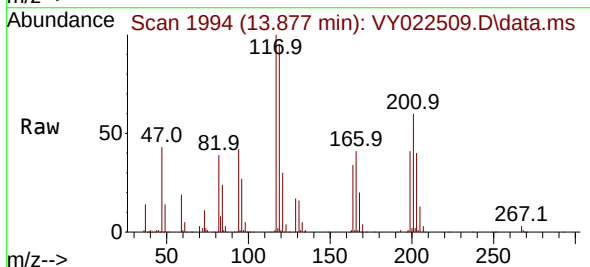
RT: 13.877 min Scan# 1994

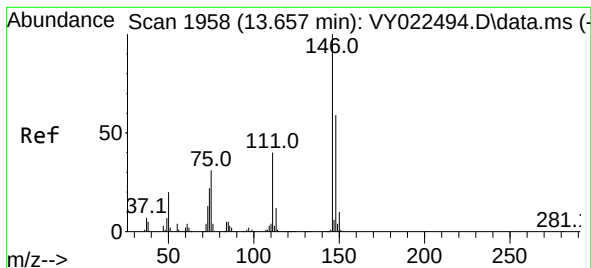
Delta R.T. -0.006 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

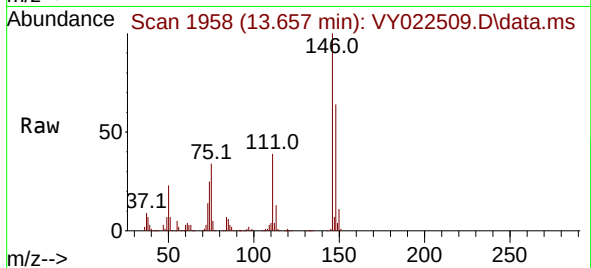
Tgt Ion:117	Resp: 85982
Ion Ratio	Lower Upper
117	100
201	65.1 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 44.771 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

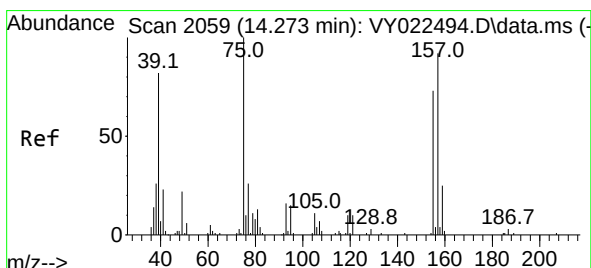
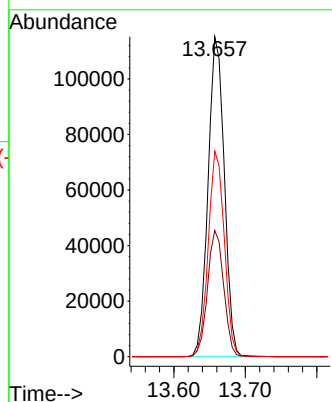
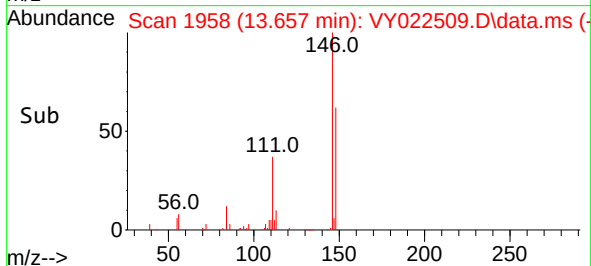
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



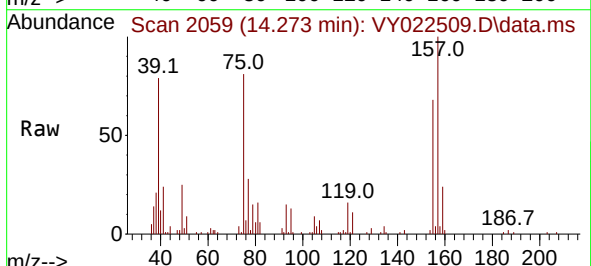
Tgt Ion:146 Resp: 18165
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.6
148 63.7 31.4 94.0

Manual Integrations
APPROVED

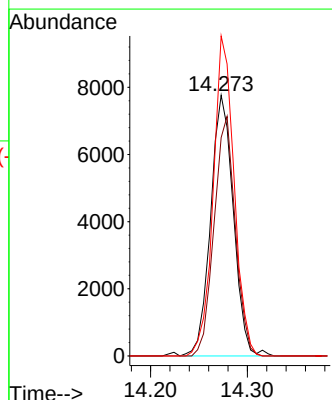
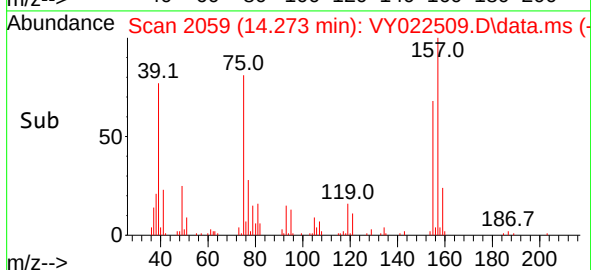
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

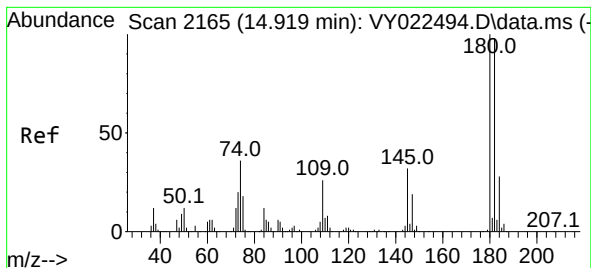


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.450 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion: 75 Resp: 12673
Ion Ratio Lower Upper
75 100
155 85.7 39.9 119.6
157 112.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 43.881 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

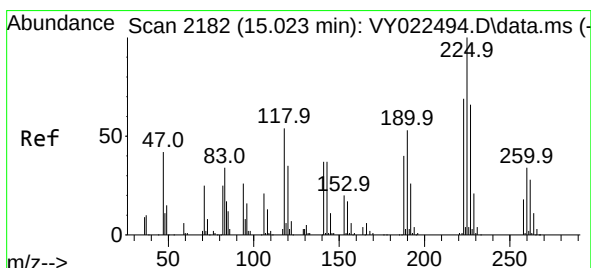
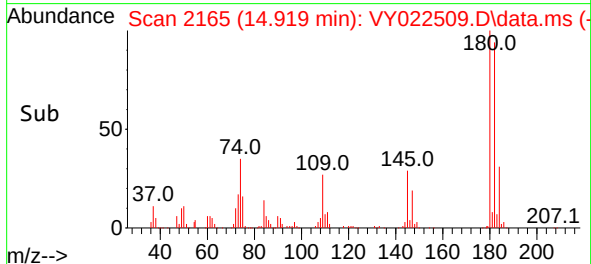
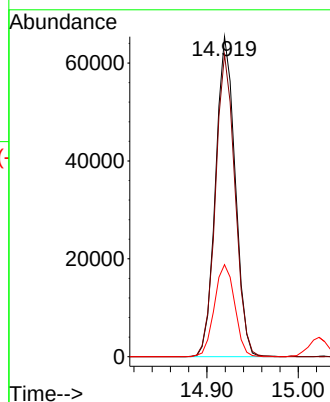
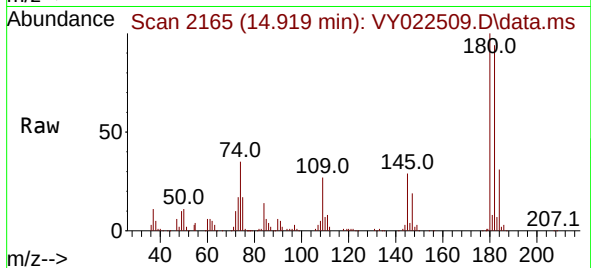
Tgt Ion:180 Resp: 9710

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.3
145	29.9	15.5	46.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#94

Hexachlorobutadiene

Concen: 43.651 ug/l

RT: 15.023 min Scan# 2182

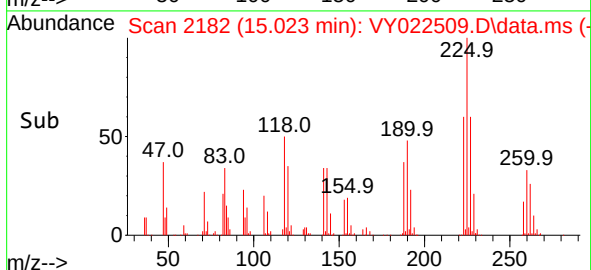
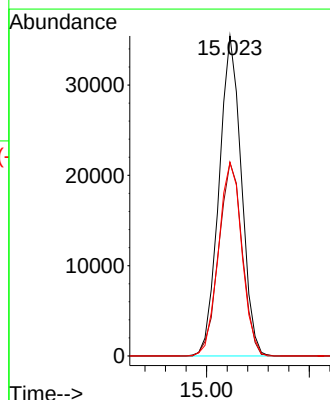
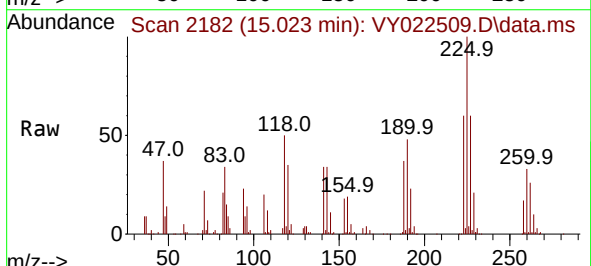
Delta R.T. -0.000 min

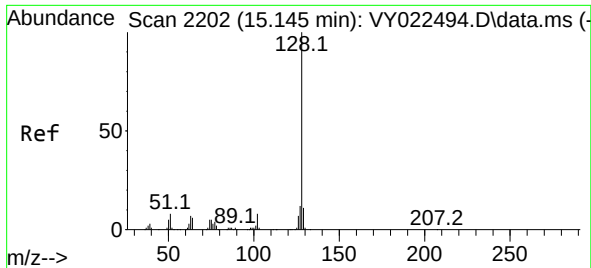
Lab File: VY022509.D

Acq: 02 Jun 2025 19:54

Tgt Ion:225 Resp: 53313

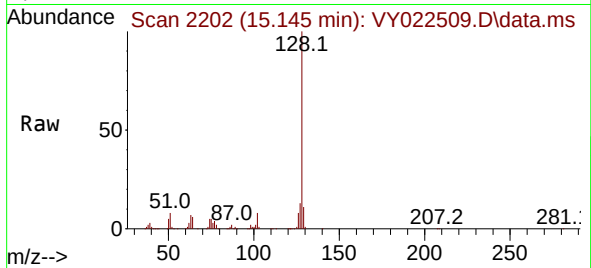
Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	63.5	32.3	96.9





#95
Naphthalene
Concen: 47.433 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54

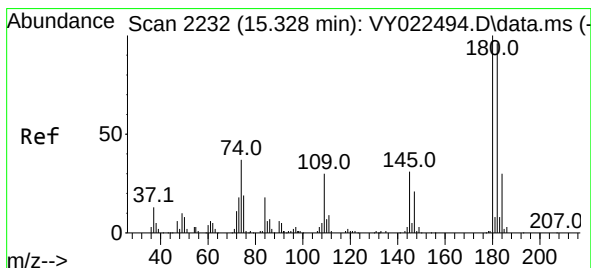
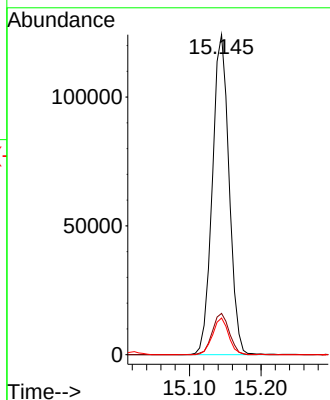
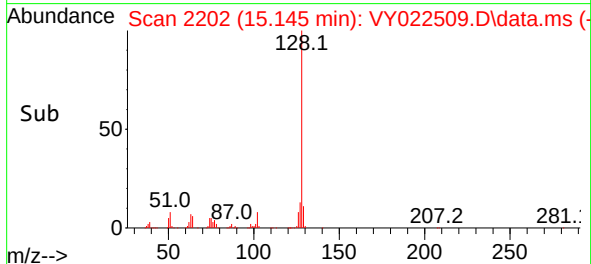
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



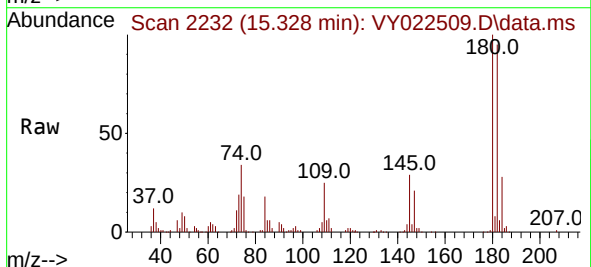
Tgt Ion:128 Resp: 201429
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.438 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022509.D
Acq: 02 Jun 2025 19:54



Tgt Ion:180 Resp: 84274
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.3
145 31.1 15.2 45.6

