

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022489.D
 Acq On : 02 Jun 2025 09:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 04:14:22 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	7.719	168	239883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	398865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	338073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	158313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	127694	47.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.180%		
35) Dibromofluoromethane	7.646	113	116431	48.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.820%		
50) Toluene-d8	10.115	98	471822	49.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.414	95	139736	48.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	101197	47.120	ug/l	100
3) Chloromethane	2.074	50	257805	40.633	ug/l	98
4) Vinyl Chloride	2.208	62	334561	45.454	ug/l	100
5) Bromomethane	2.605	94	257783	36.541	ug/l	100
6) Chloroethane	2.745	64	224362	44.410	ug/l	95
7) Trichlorofluoromethane	3.062	101	288301	46.139	ug/l	98
8) Diethyl Ether	3.464	74	66183	47.032	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	123353	46.872	ug/l	99
10) Methyl Iodide	4.019	142	136816	48.040	ug/l	98
11) Tert butyl alcohol	4.878	59	45354	236.680	ug/l	98
12) 1,1-Dichloroethene	3.793	96	120686	47.976	ug/l	95
13) Acrolein	3.659	56	42627	178.494	ug/l	100
14) Allyl chloride	4.391	41	188435	47.716	ug/l	99
15) Acrylonitrile	5.074	53	140779	236.221	ug/l	99
16) Acetone	3.879	43	137399	252.168	ug/l	98
17) Carbon Disulfide	4.116	76	377850	46.916	ug/l	98
18) Methyl Acetate	4.391	43	80934	50.160	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	327575	46.233	ug/l	99
20) Methylene Chloride	4.629	84	128567	41.540	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	129323	45.934	ug/l	99
22) Diisopropyl ether	6.031	45	410891	46.744	ug/l	98
23) Vinyl Acetate	5.970	43	1208090	232.202	ug/l	99
24) 1,1-Dichloroethane	5.927	63	245300	47.369	ug/l	99
25) 2-Butanone	6.903	43	190958	242.967	ug/l	98
26) 2,2-Dichloropropane	6.896	77	221323	48.371	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	151768	46.638	ug/l	96
28) Bromochloromethane	7.250	49	95171	42.160	ug/l	99
29) Tetrahydrofuran	7.268	42	116760	230.337	ug/l	99
30) Chloroform	7.433	83	240421	46.872	ug/l	98
31) Cyclohexane	7.713	56	226221	43.880	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	216934	47.643	ug/l	99
36) 1,1-Dichloropropene	7.841	75	184072	47.638	ug/l	100
37) Ethyl Acetate	6.988	43	83193	48.280	ug/l	100
38) Carbon Tetrachloride	7.829	117	191054	48.199	ug/l	97
39) Methylcyclohexane	9.116	83	244905	47.164	ug/l	99
40) Benzene	8.091	78	540061	47.322	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	45690	45.395	ug/l	99
42) 1,2-Dichloroethane	8.165	62	146038	46.865	ug/l	98
43) Isopropyl Acetate	8.201	43	177056	47.577	ug/l	99
44) Trichloroethene	8.872	130	131482	47.138	ug/l	97
45) 1,2-Dichloropropane	9.146	63	128265	47.556	ug/l	99
46) Dibromomethane	9.237	93	71283	46.977	ug/l	99
47) Bromodichloromethane	9.433	83	185331	48.169	ug/l	96
48) Methyl methacrylate	9.231	41	81724	46.790	ug/l	99
49) 1,4-Dioxane	9.244	88	16285	905.902	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	445363	240.033	ug/l	99
52) Toluene	10.176	92	338314	47.172	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	174903	48.517	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	201357	47.982	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	90374	46.708	ug/l	97
56) Ethyl methacrylate	10.445	69	133107	47.597	ug/l	96
57) 1,3-Dichloropropane	10.725	76	162919	47.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	306651	241.519	ug/l	99
59) 2-Hexanone	10.768	43	300215	241.935	ug/l	100
60) Dibromochloromethane	10.920	129	117769	47.896	ug/l	99
61) 1,2-Dibromoethane	11.024	107	84476	47.902	ug/l	96
64) Tetrachloroethene	10.652	164	141895	48.792	ug/l	96
65) Chlorobenzene	11.451	112	351646	47.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	120924	47.982	ug/l	99
67) Ethyl Benzene	11.524	91	654682	47.181	ug/l	98
68) m/p-Xylenes	11.633	106	495169	94.135	ug/l	98
69) o-Xylene	11.963	106	228963	46.426	ug/l	97
70) Styrene	11.975	104	384153	47.123	ug/l	99
71) Bromoform	12.139	173	63916	47.659	ug/l #	99
73) Isopropylbenzene	12.261	105	611476	47.046	ug/l	99
74) N-amyl acetate	12.078	43	157198	47.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	97777	45.836	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	75098m	41.464	ug/l	
77) Bromobenzene	12.536	156	128216	46.747	ug/l	100
78) n-propylbenzene	12.603	91	745737	46.976	ug/l	99
79) 2-Chlorotoluene	12.682	91	395748	47.036	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	484318	47.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	36858	49.145	ug/l	94
82) 4-Chlorotoluene	12.780	91	405739	46.746	ug/l	99
83) tert-Butylbenzene	13.005	119	442140	48.277	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	479856	47.018	ug/l	100
85) sec-Butylbenzene	13.182	105	660970	47.123	ug/l	100
86) p-Isopropyltoluene	13.298	119	547441	47.349	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	261453	47.048	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	249136	46.223	ug/l	100
89) n-Butylbenzene	13.621	91	534563	48.733	ug/l	99
90) Hexachloroethane	13.883	117	107199	47.626	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	217275	46.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15091	48.589	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	123838	48.125	ug/l	97
94) Hexachlorobutadiene	15.029	225	67466	47.502	ug/l	98
95) Naphthalene	15.151	128	235105	47.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	105101	47.658	ug/l	99

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

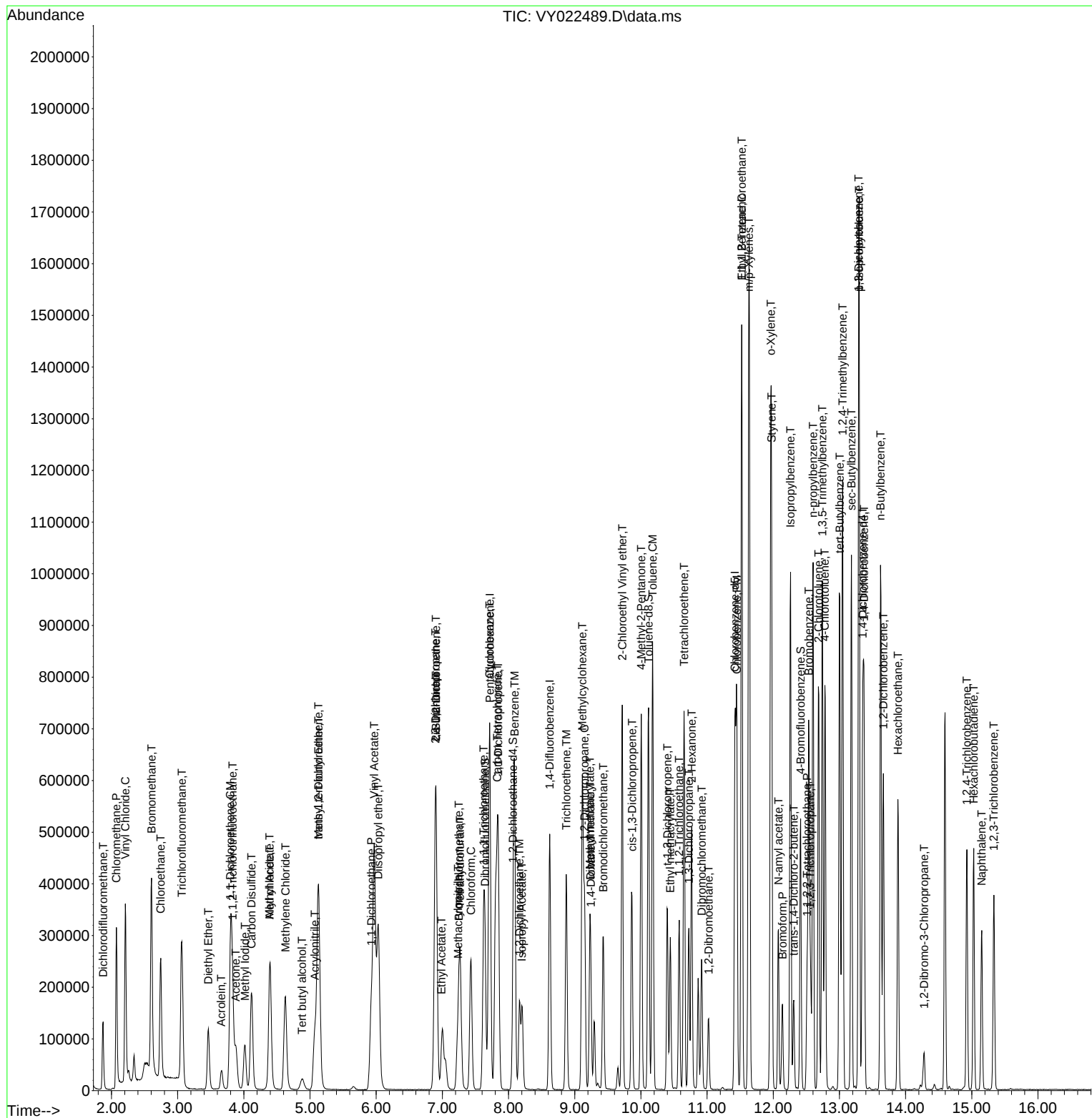
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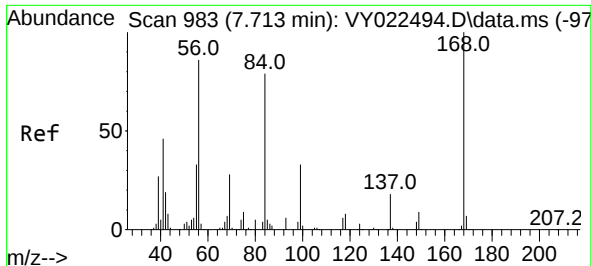
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Manual Integrations APPROVED

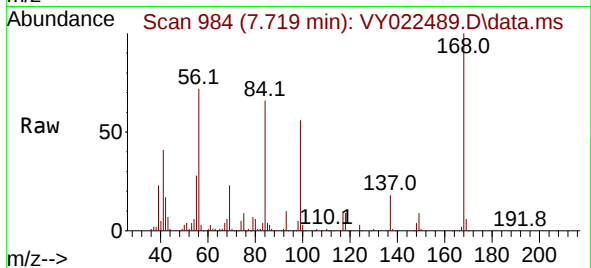
Reviewed By : Semsettin Yesilyurt 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

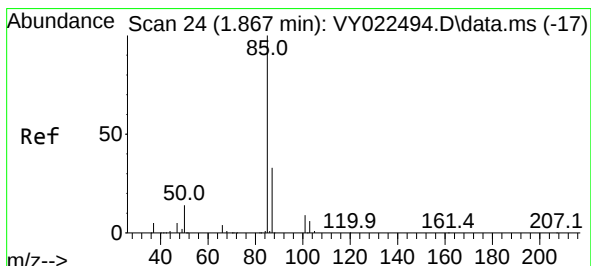
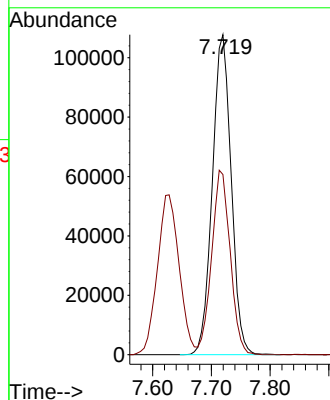
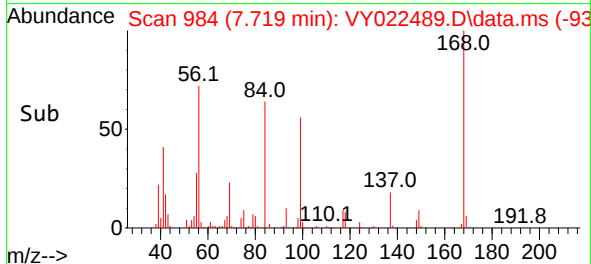
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 23988
Ion Ratio Lower Upper
168 100
99 56.3 44.3 66.5

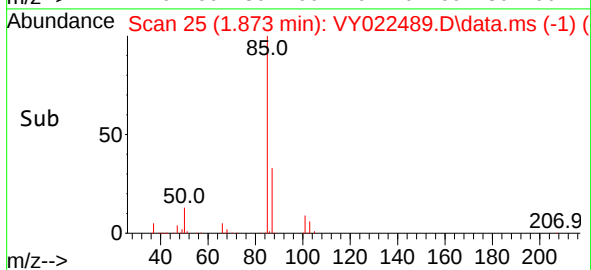
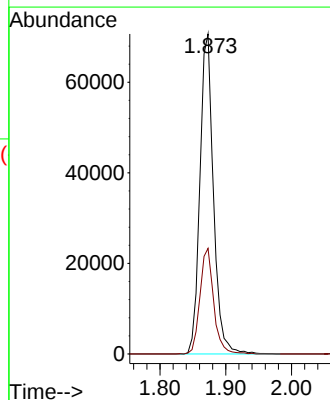
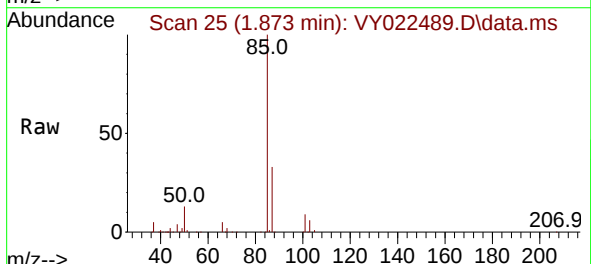
Manual Integrations
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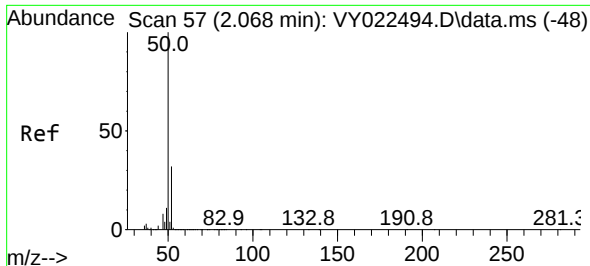
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#2
Dichlorodifluoromethane
Concen: 47.120 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 85 Resp: 101197
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0





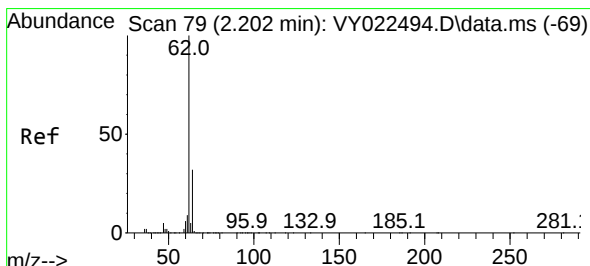
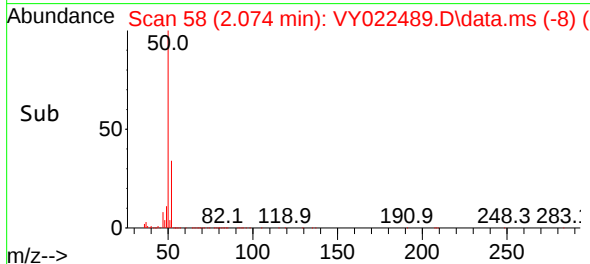
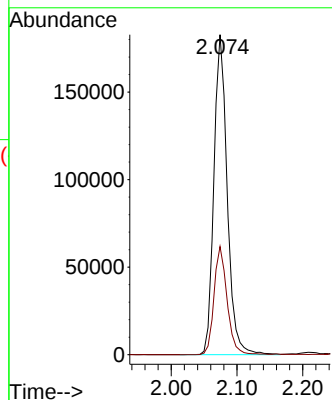
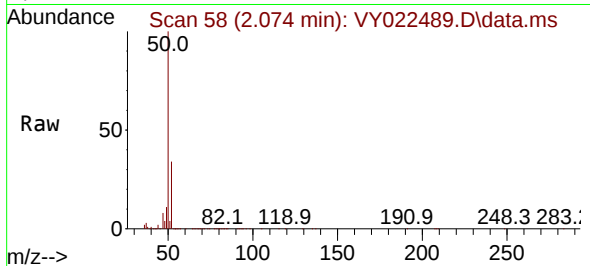
#3
Chloromethane
Concen: 40.633 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
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Tgt Ion: 50 Resp: 25780
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0

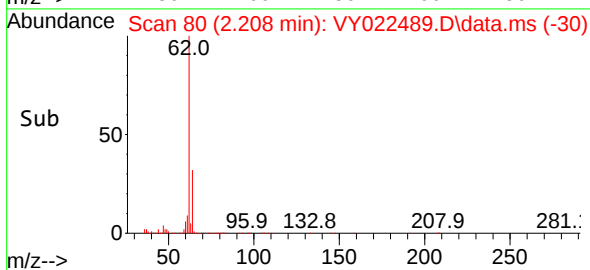
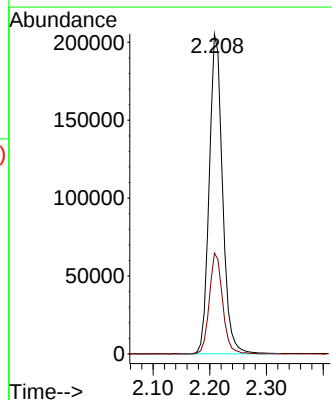
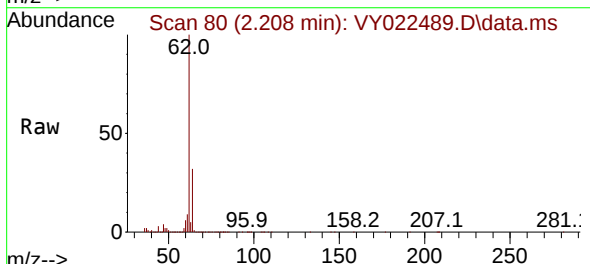
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#4
Vinyl Chloride
Concen: 45.454 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

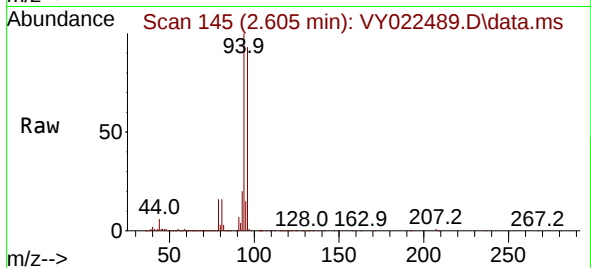
Tgt Ion: 62 Resp: 334561
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5
Bromomethane
Concen: 36.541 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

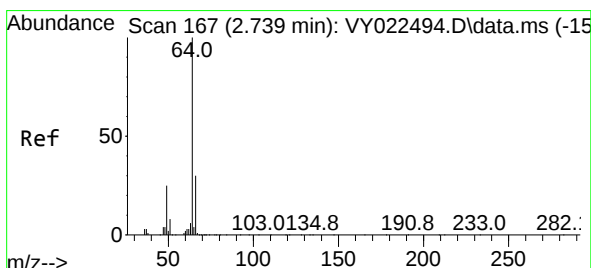
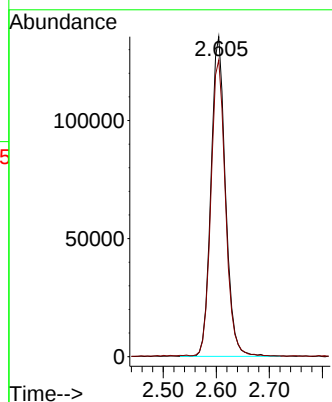
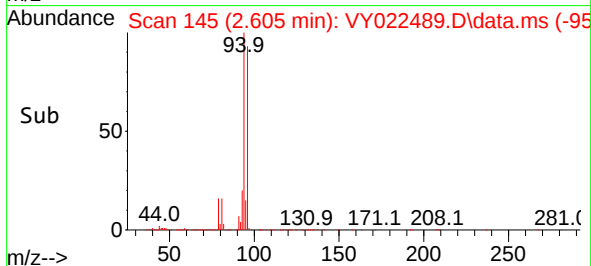
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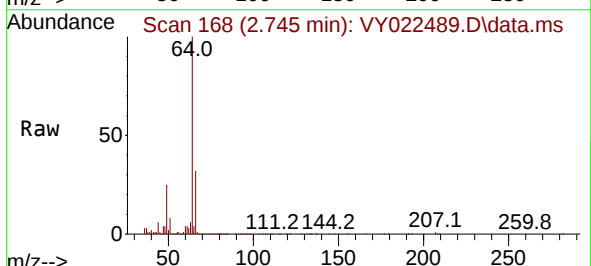
Tgt Ion: 94 Resp: 25778
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0

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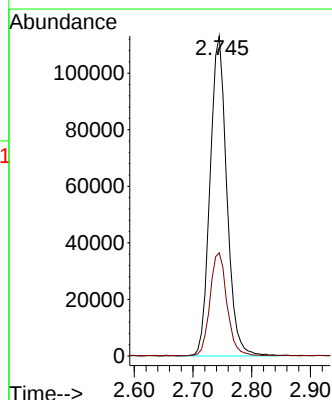
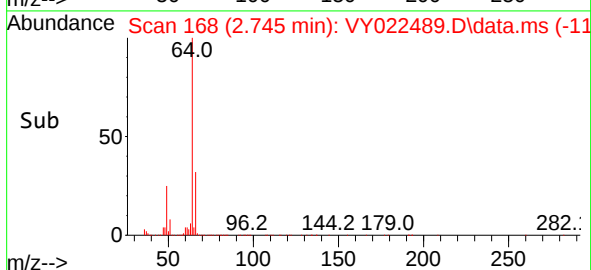
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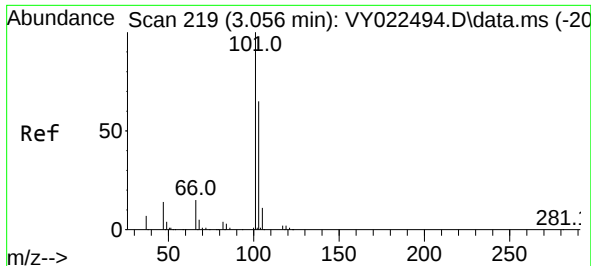


#6
Chloroethane
Concen: 44.410 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY022489.D
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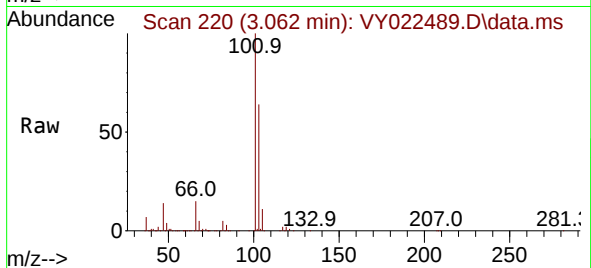
Tgt Ion: 64 Resp: 224362
Ion Ratio Lower Upper
64 100
66 32.2 23.8 35.6





#7
Trichlorofluoromethane
Concen: 46.139 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

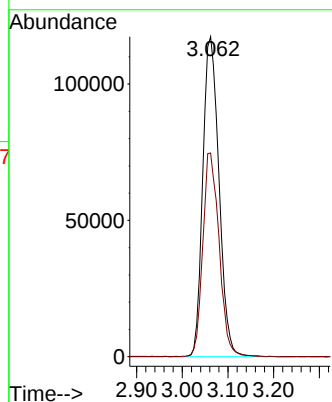
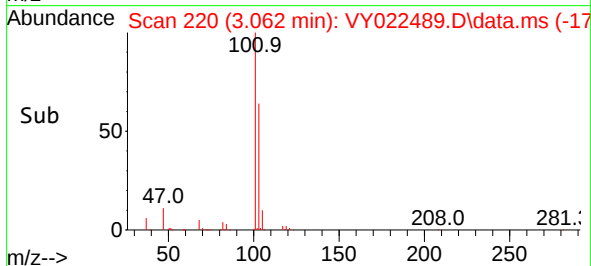
Instrument :
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VSTDCCC050



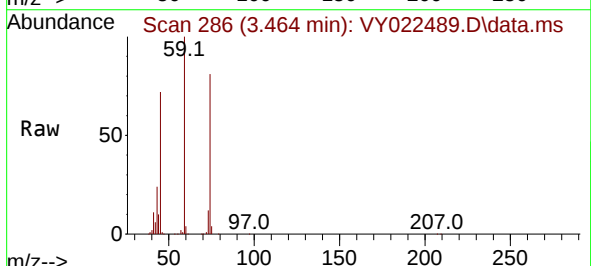
Tgt Ion:101 Resp: 28830
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2

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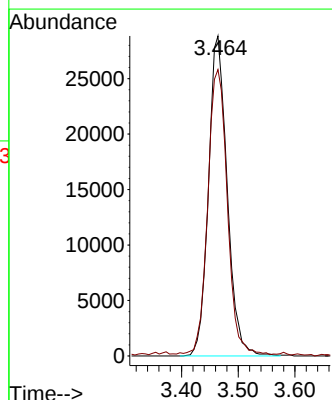
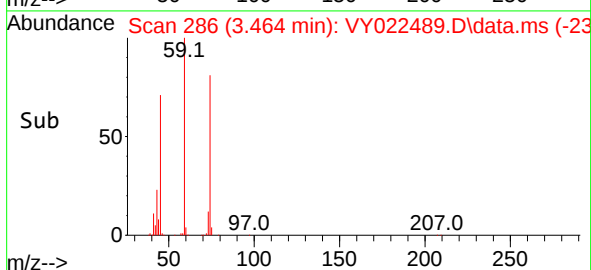
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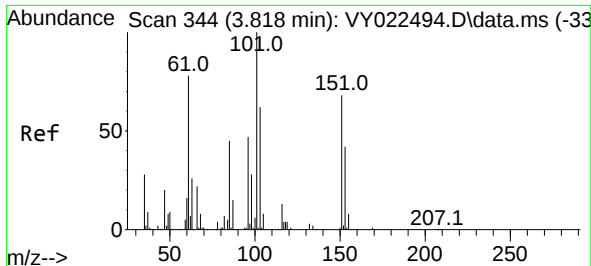


#8
Diethyl Ether
Concen: 47.032 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion: 74 Resp: 66183
Ion Ratio Lower Upper
74 100
45 92.2 45.9 137.6





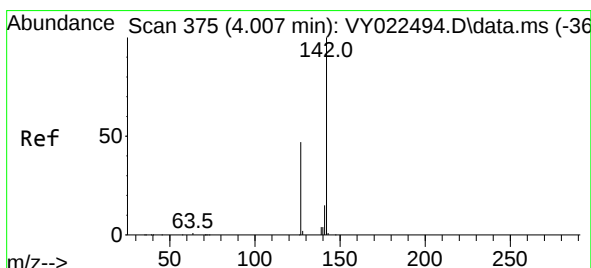
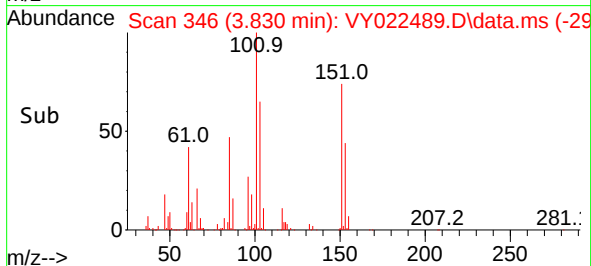
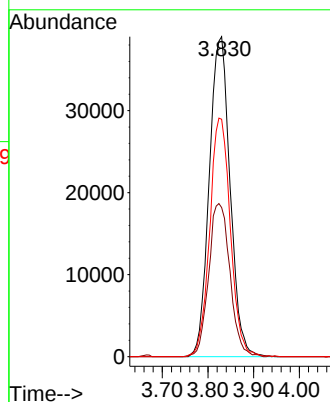
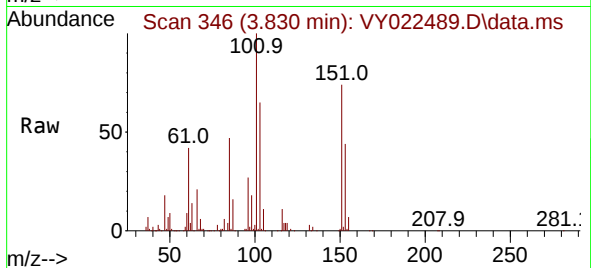
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.872 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12335
Ion Ratio Lower Upper
101 100
85 48.9 39.3 58.9
151 74.0 57.8 86.8

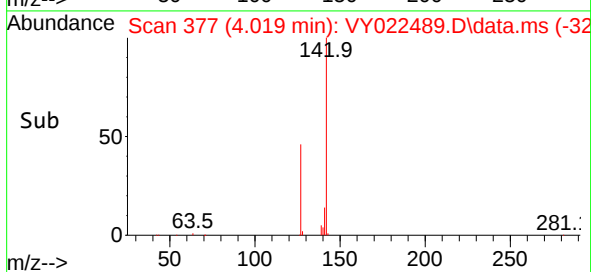
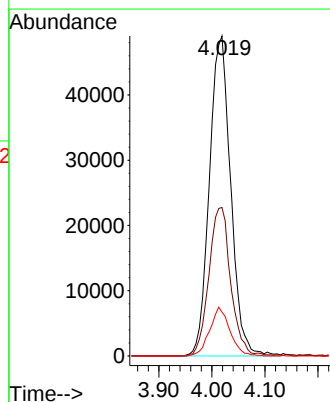
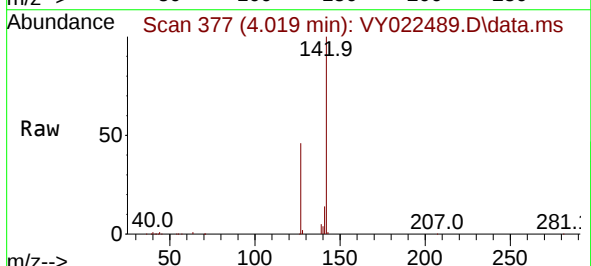
Manual Integrations
APPROVED

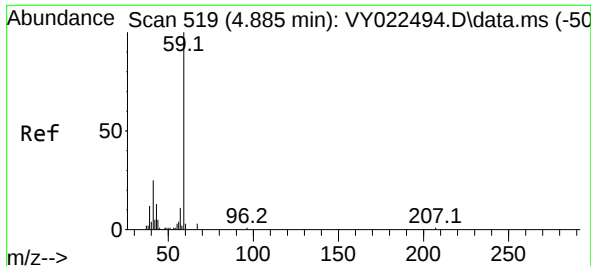
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 48.040 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion:142 Resp: 136816
Ion Ratio Lower Upper
142 100
127 47.7 37.1 55.7
141 14.5 11.4 17.2





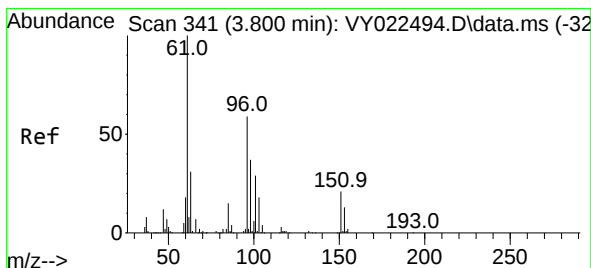
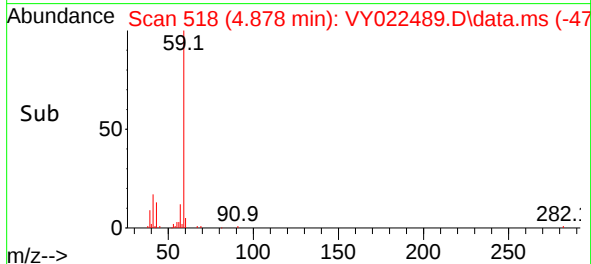
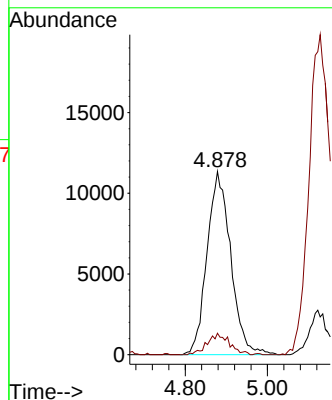
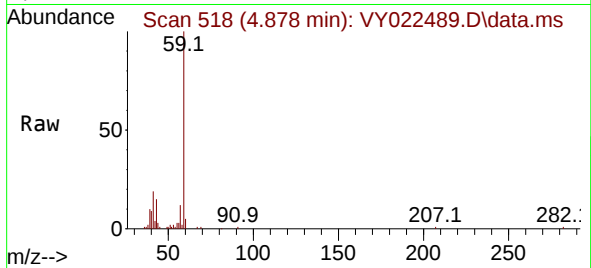
#11
Tert butyl alcohol
Concen: 236.680 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 45354
Ion Ratio Lower Upper
59 100
57 10.8 8.0 12.0

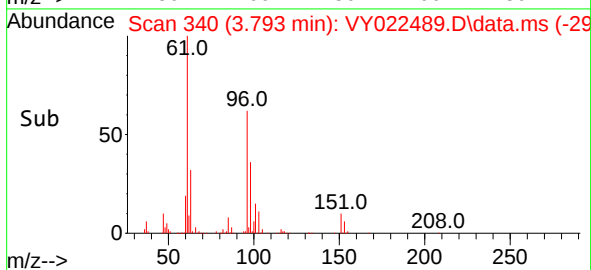
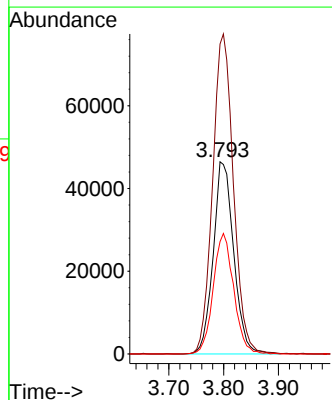
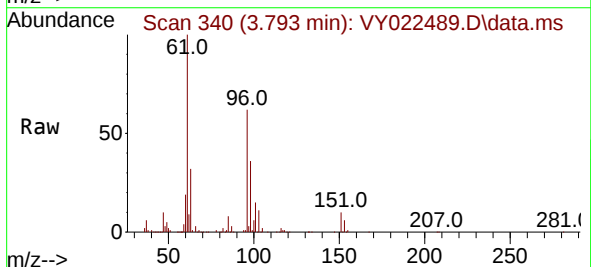
Manual Integrations
APPROVED

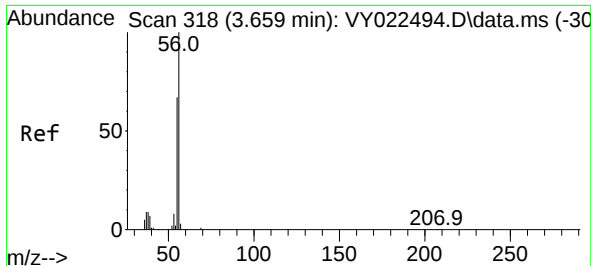
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#12
1,1-Dichloroethene
Concen: 47.976 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

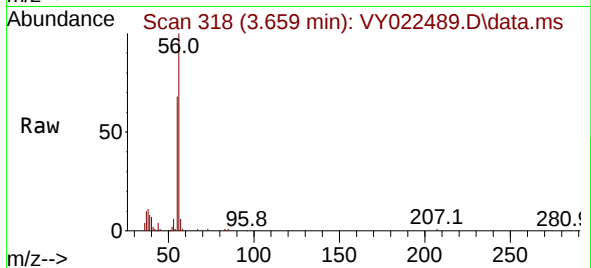
Tgt Ion: 96 Resp: 120686
Ion Ratio Lower Upper
96 100
61 161.2 134.6 201.8
98 58.4 50.2 75.4





#13
Acrolein
Concen: 178.494 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

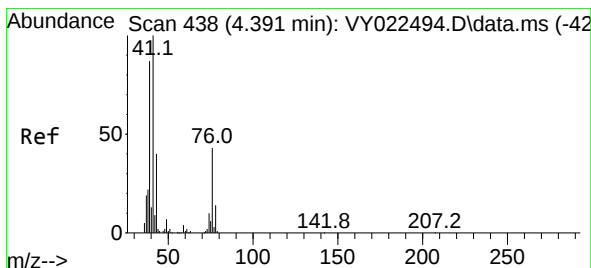
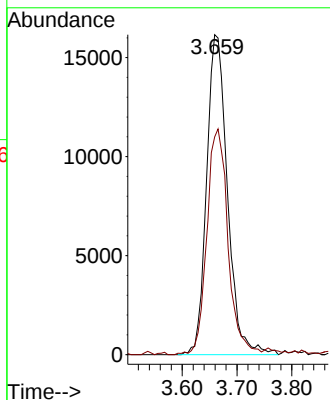
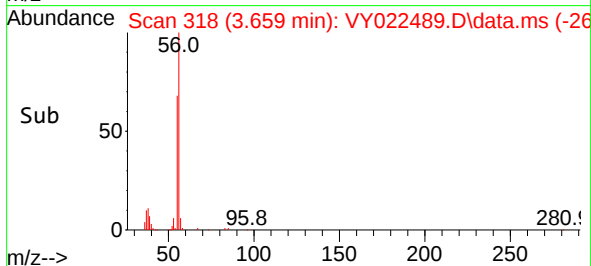
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4262
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.6

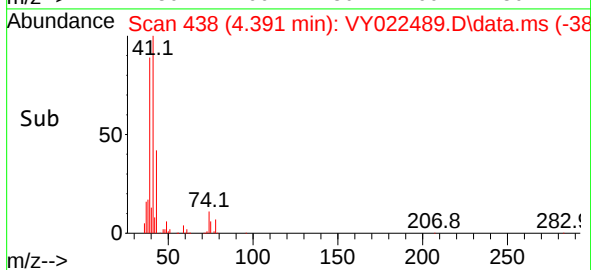
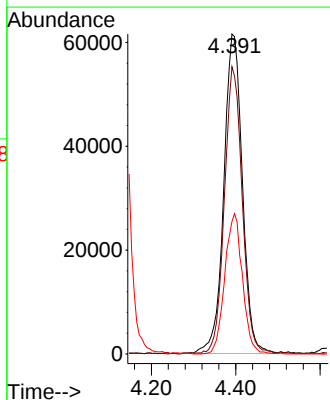
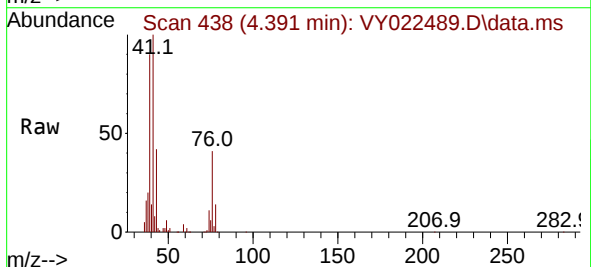
Manual Integrations
APPROVED

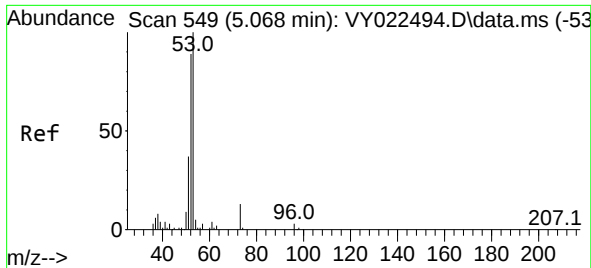
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 47.716 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

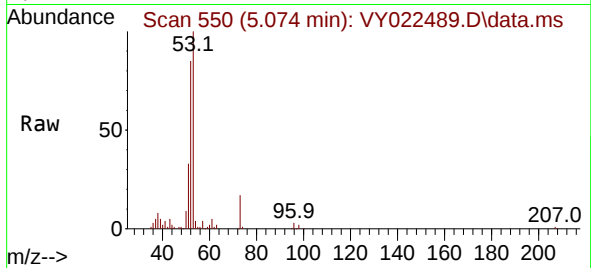
Tgt Ion: 41 Resp: 188435
Ion Ratio Lower Upper
41 100
39 85.4 69.1 103.7
76 41.6 33.5 50.3





#15
Acrylonitrile
Concen: 236.221 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

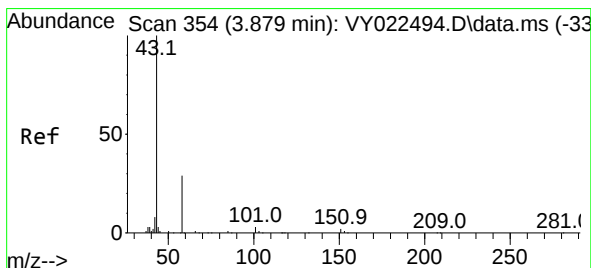
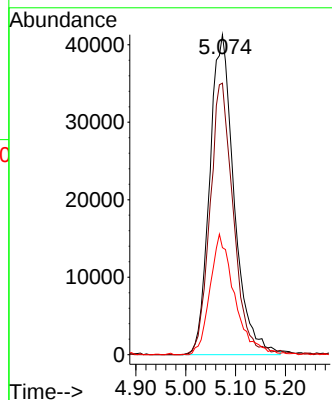
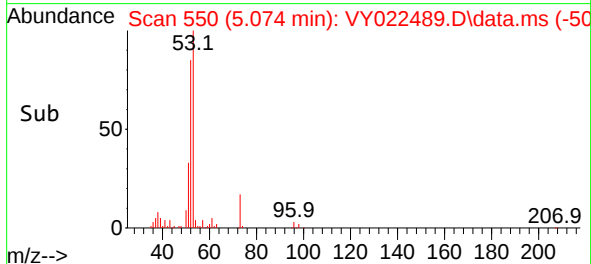
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 140779
Ion Ratio Lower Upper
53 100
52 80.8 65.7 98.5
51 38.1 30.1 45.1

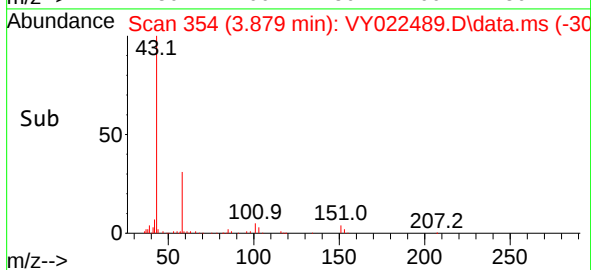
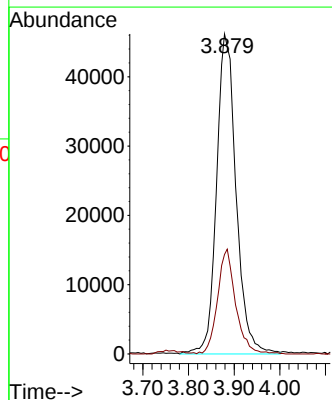
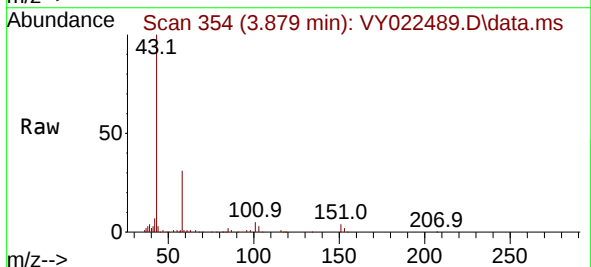
Manual Integrations
APPROVED

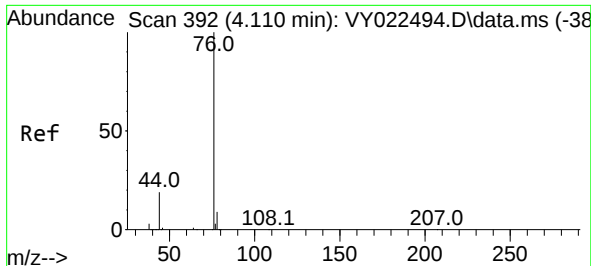
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 252.168 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

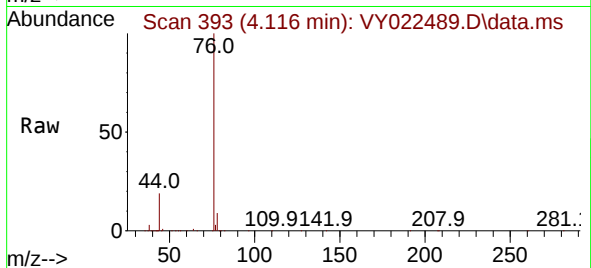
Tgt Ion: 43 Resp: 137399
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0





#17
Carbon Disulfide
Concen: 46.916 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

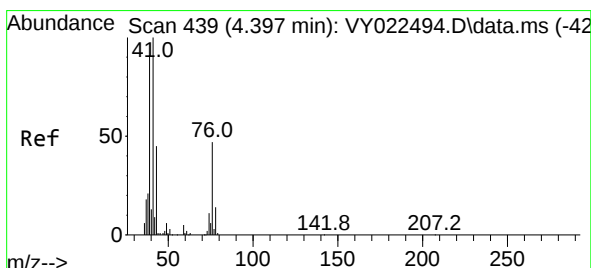
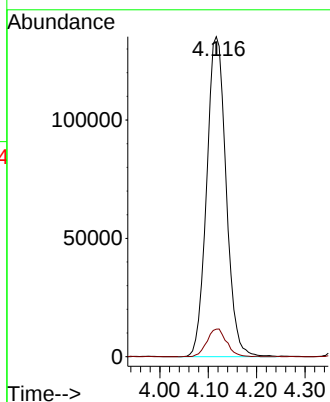
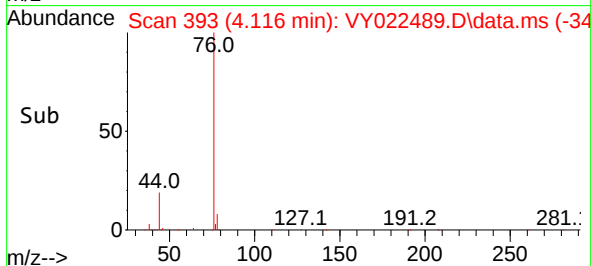
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



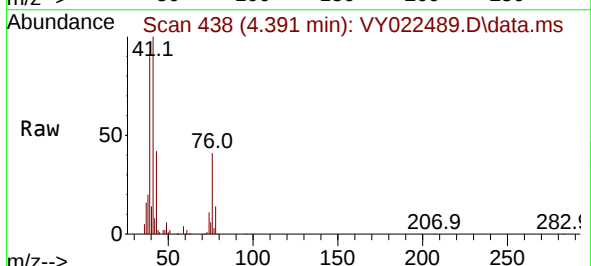
Tgt Ion: 76 Resp: 377850
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

Manual Integrations
APPROVED

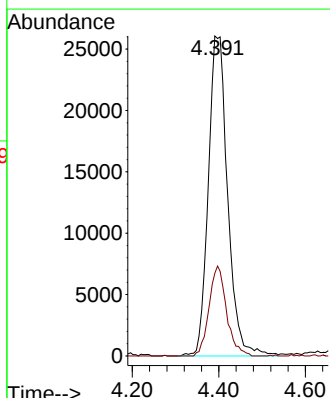
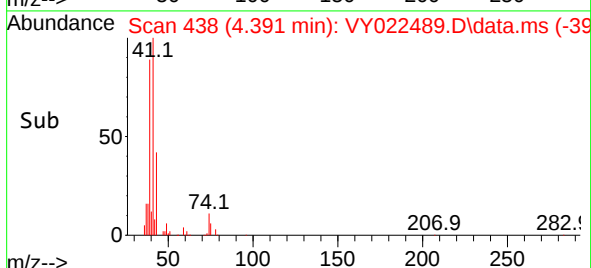
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

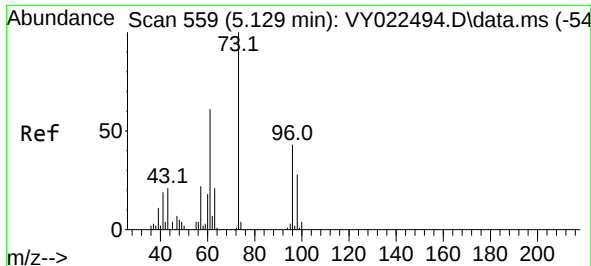


#18
Methyl Acetate
Concen: 50.160 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



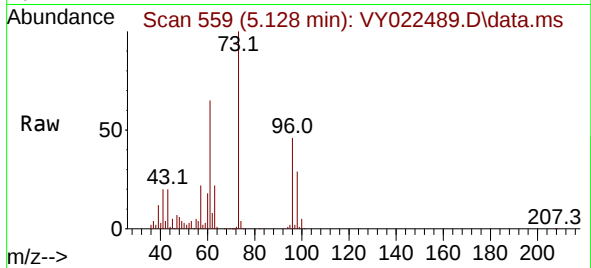
Tgt Ion: 43 Resp: 80934
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 46.233 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

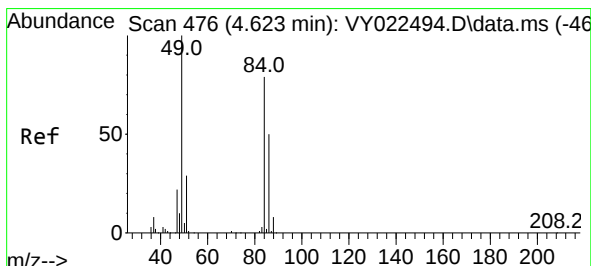
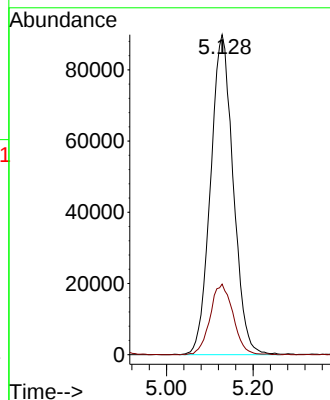
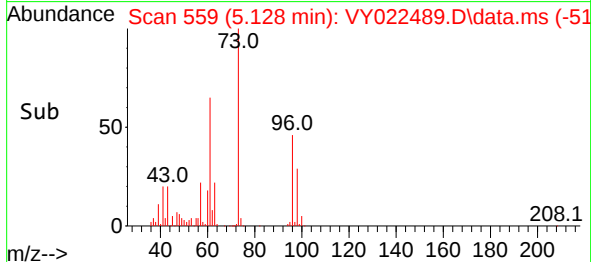
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



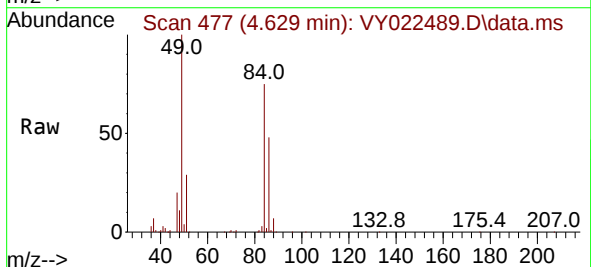
Tgt Ion: 73 Resp: 32757
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0

Manual Integrations
APPROVED

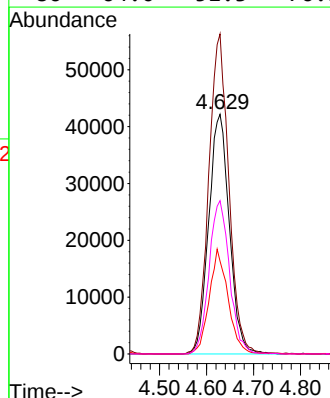
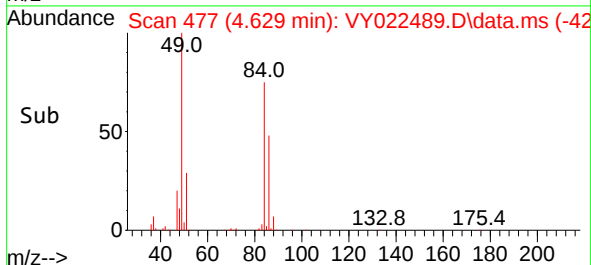
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

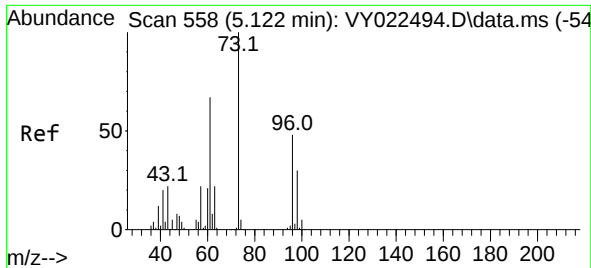


#20
Methylene Chloride
Concen: 41.540 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion: 84 Resp: 128567
Ion Ratio Lower Upper
84 100
49 133.5 101.9 152.9
51 38.7 29.8 44.8
86 64.0 51.3 76.9





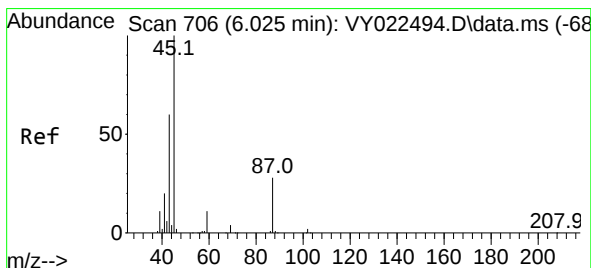
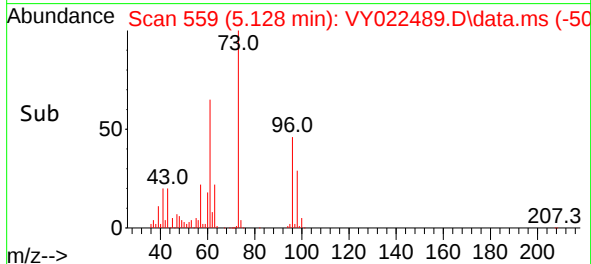
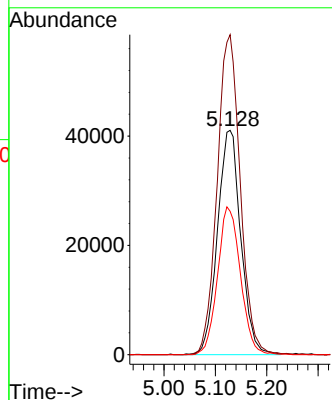
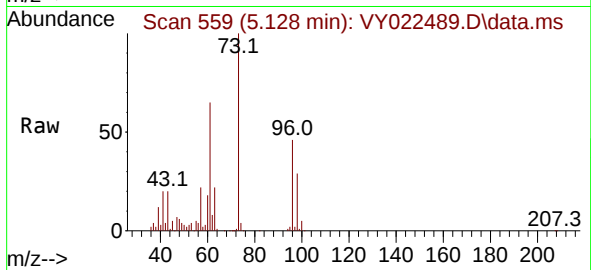
#21
trans-1,2-Dichloroethene
Concen: 45.934 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 12932
Ion Ratio Lower Upper
96 100
61 142.7 112.6 169.0
98 63.9 50.6 75.8

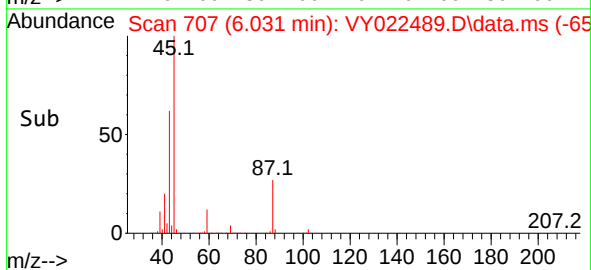
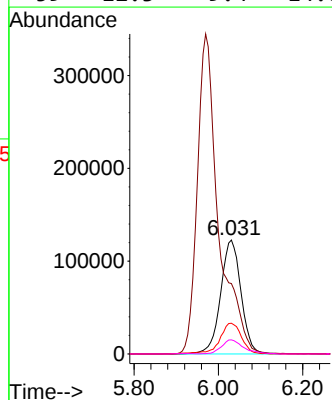
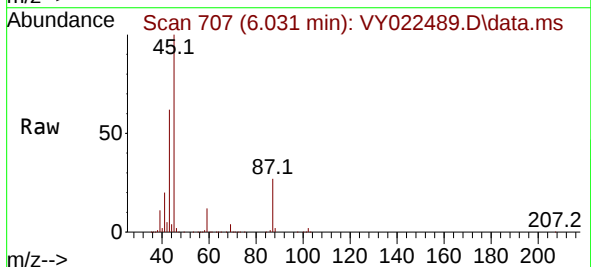
Manual Integrations
APPROVED

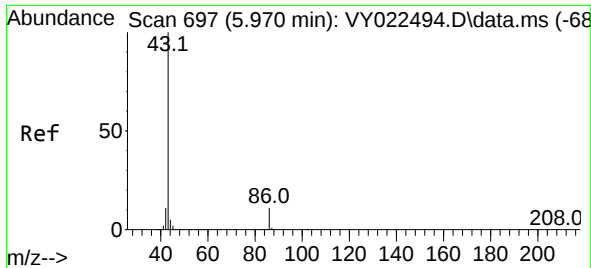
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 46.744 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 45 Resp: 410891
Ion Ratio Lower Upper
45 100
43 61.3 48.3 72.5
87 26.9 23.0 34.6
59 12.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 232.202 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

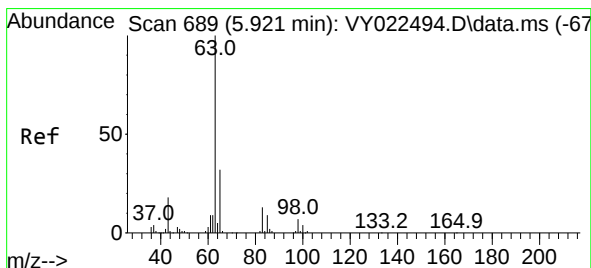
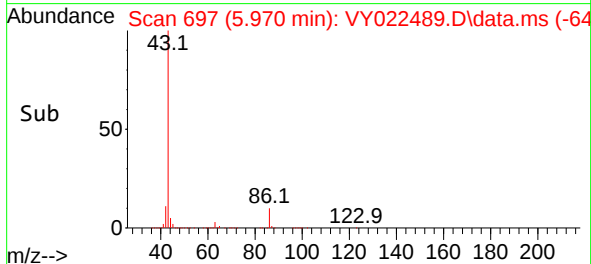
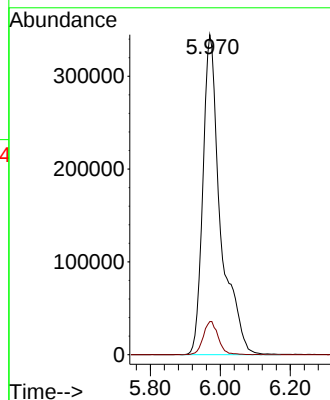
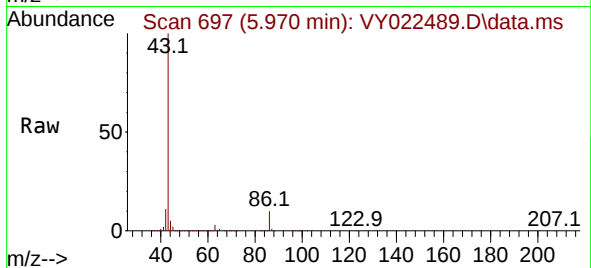
VSTDCCC050

Tgt Ion: 43 Resp: 1208090
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

Manual Integrations

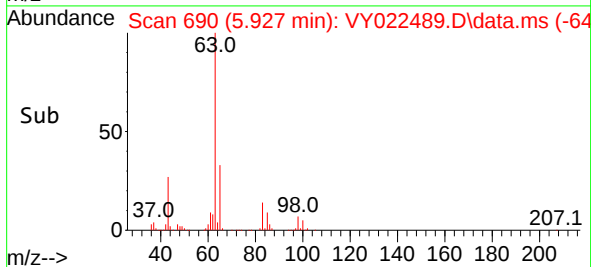
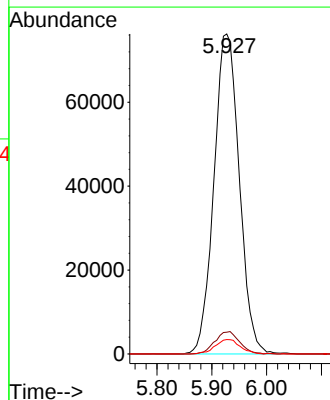
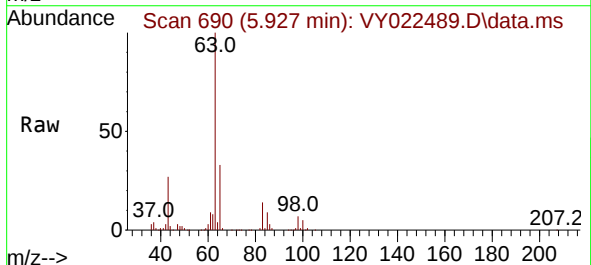
APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 47.369 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

Tgt Ion: 63 Resp: 245300
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.5 2.1 6.3





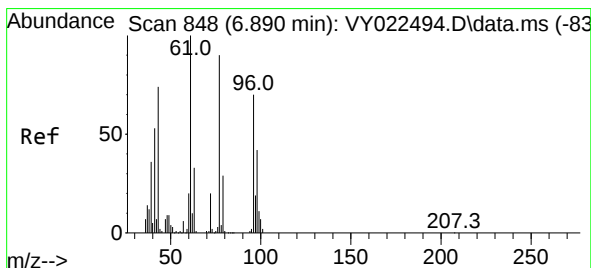
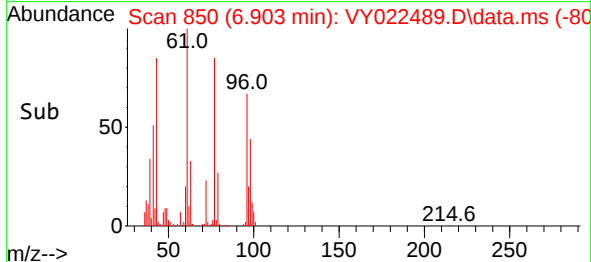
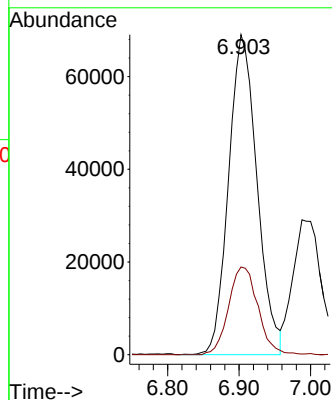
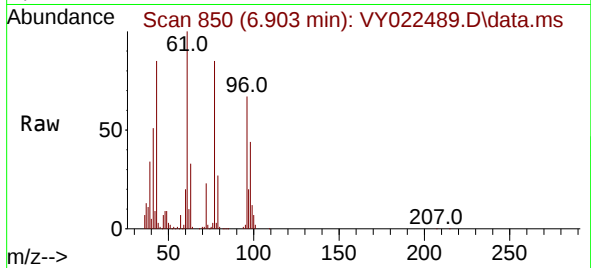
#25
2-Butanone
Concen: 242.967 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 190958
Ion Ratio Lower Upper
43 100
72 27.4 22.9 34.3

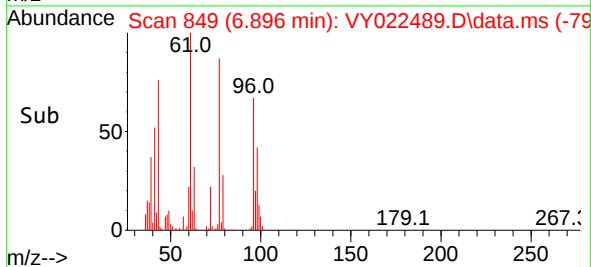
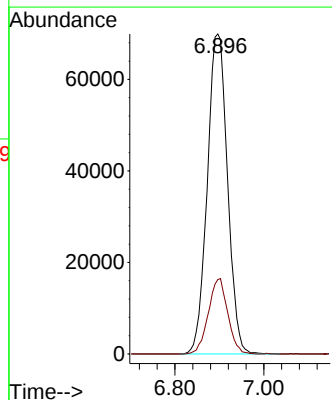
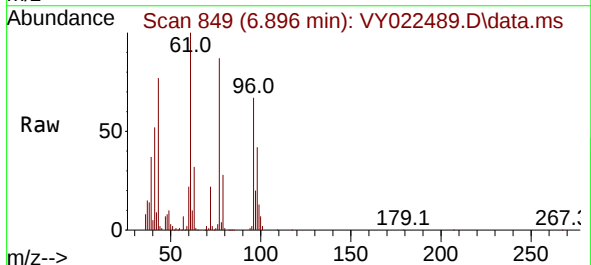
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 48.371 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

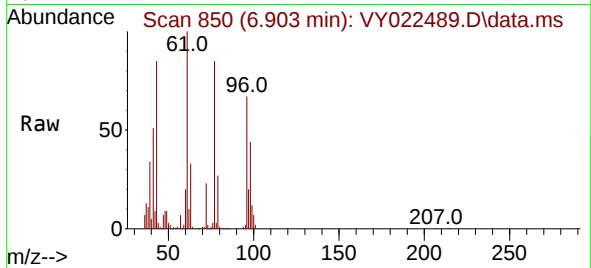
Tgt Ion: 77 Resp: 221323
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.638 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

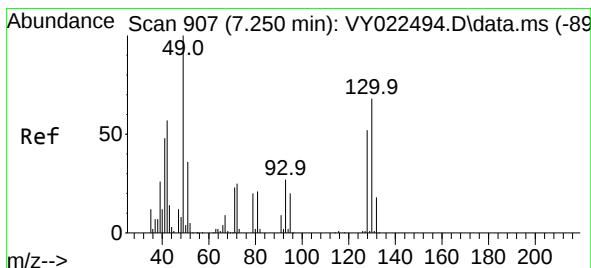
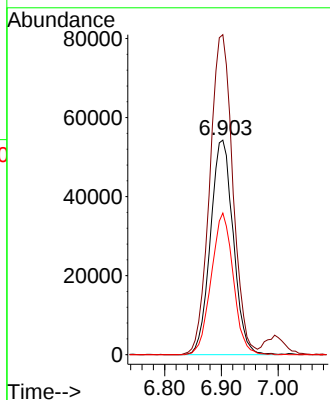
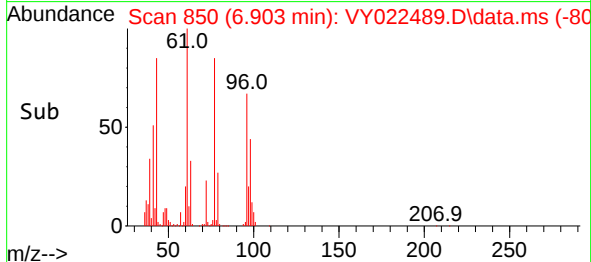
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 15176
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 290.0
 98 63.8 0.0 128.4

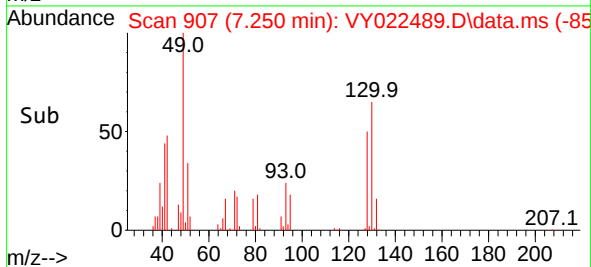
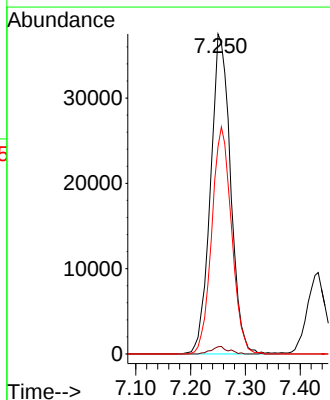
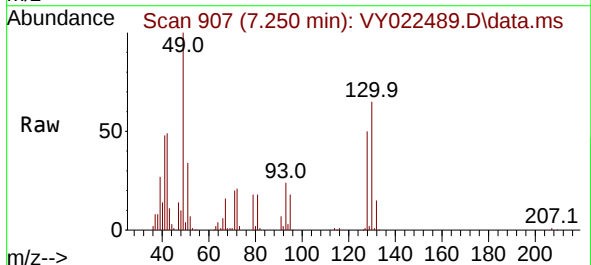
Manual Integrations
 APPROVED

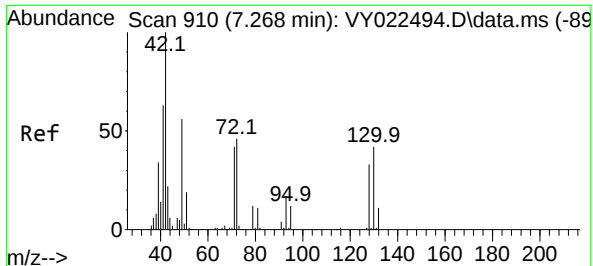
Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#28
 Bromochloromethane
 Concen: 42.160 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

Tgt Ion: 49 Resp: 95171
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 70.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 230.337 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 116760

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.2

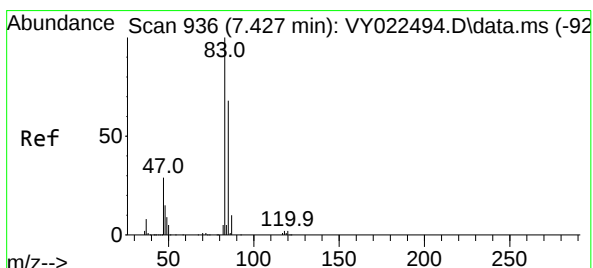
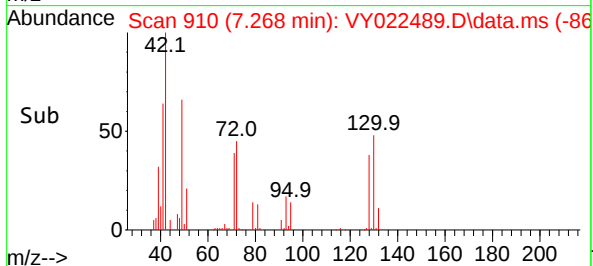
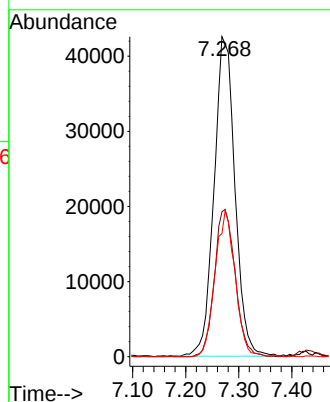
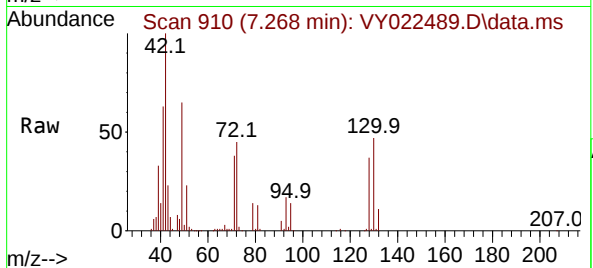
71 43.6 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 46.872 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY022489.D

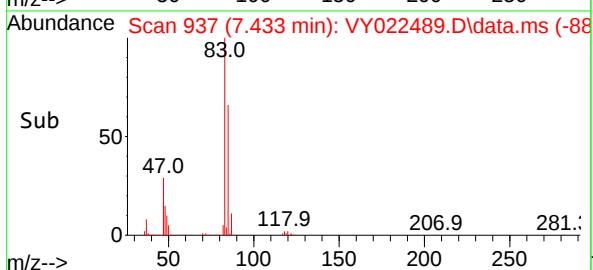
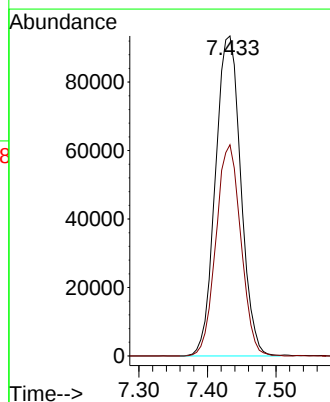
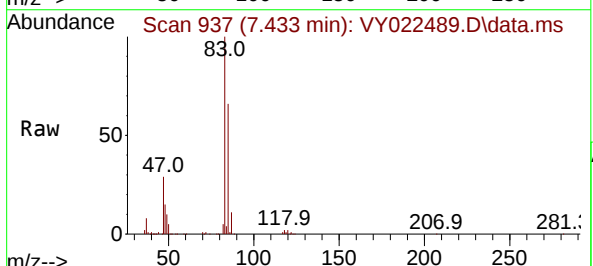
Acq: 02 Jun 2025 09:08

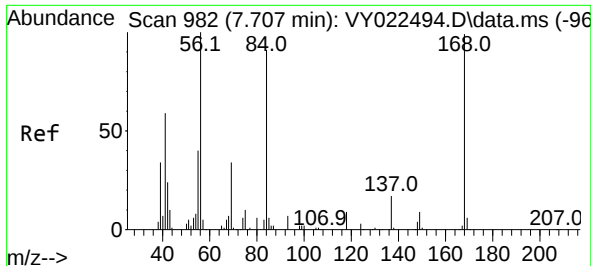
Tgt Ion: 83 Resp: 240421

Ion Ratio Lower Upper

83 100

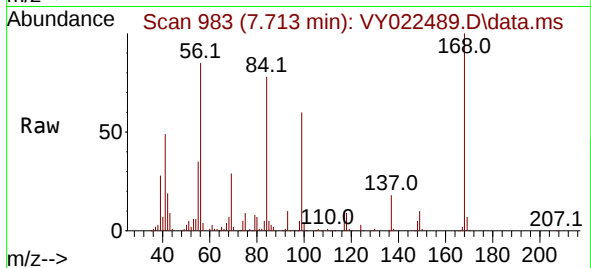
85 66.0 54.2 81.4





#31
Cyclohexane
Concen: 43.880 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

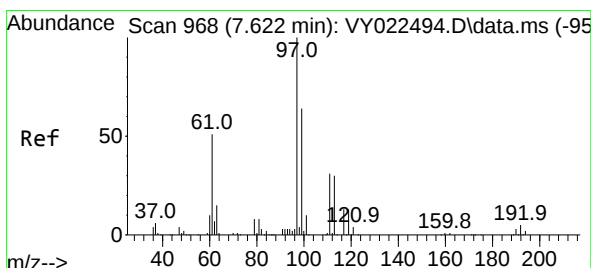
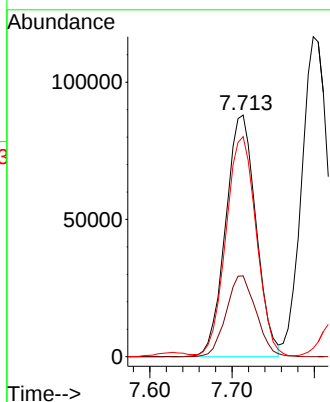
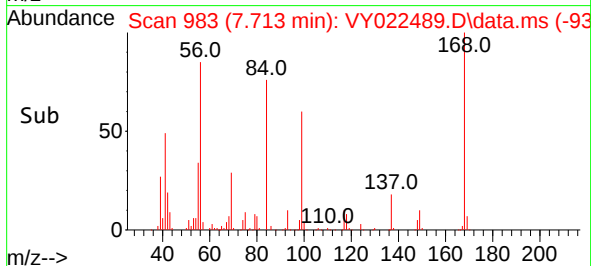
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22622
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 89.6 72.6 109.0

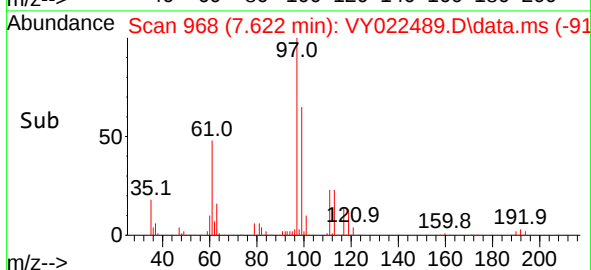
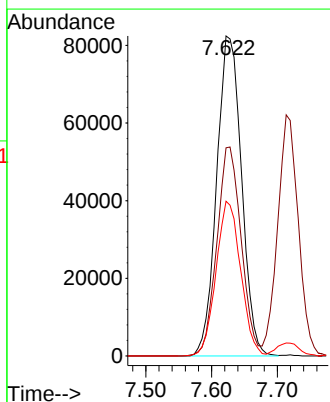
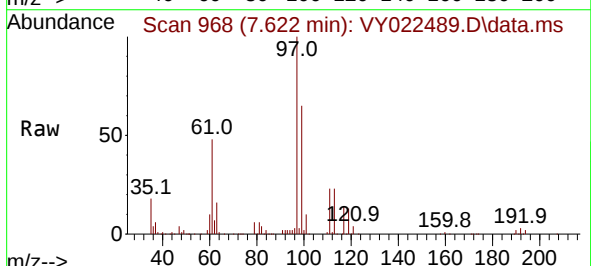
Manual Integrations
APPROVED

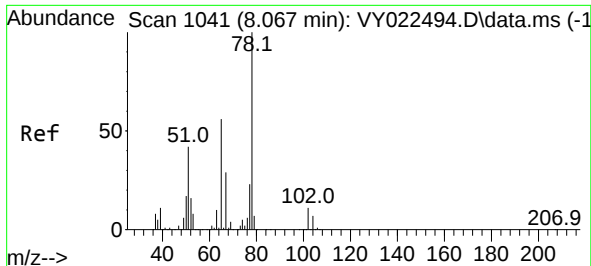
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#32
1,1,1-Trichloroethane
Concen: 47.643 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 97 Resp: 216934
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 48.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 47.594 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 127694

Ion Ratio Lower Upper

65 100

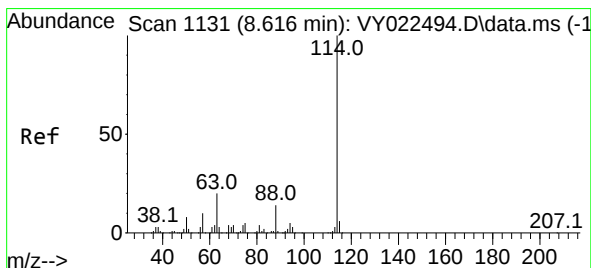
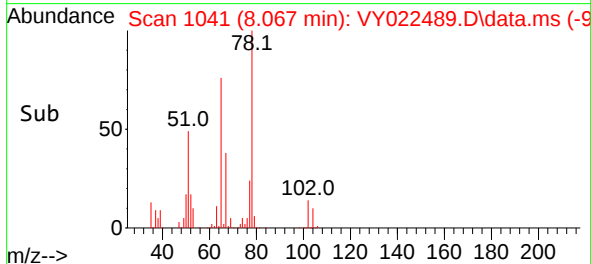
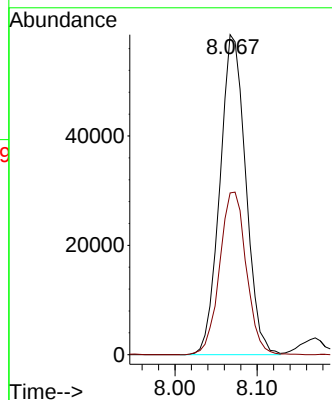
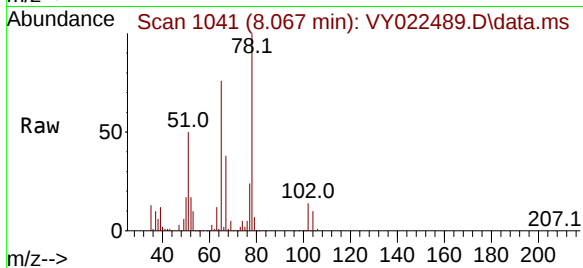
67 52.5 0.0 103.4

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: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

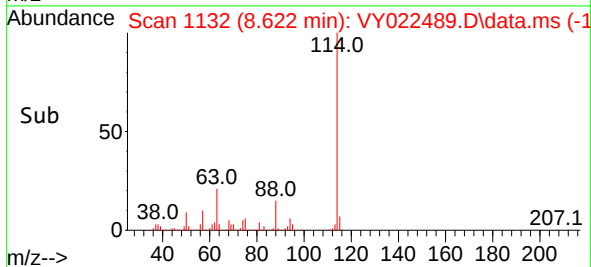
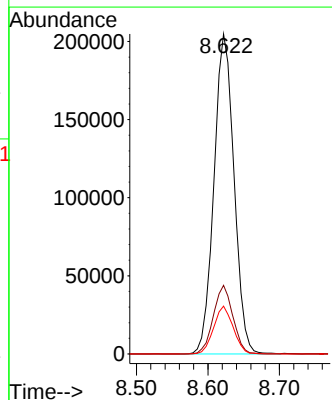
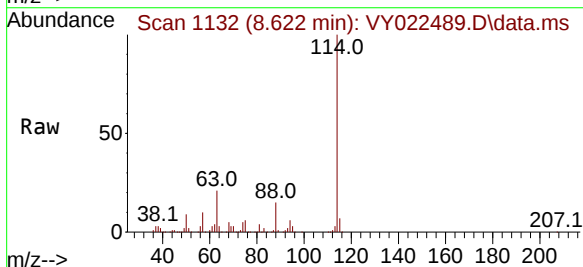
Tgt Ion:114 Resp: 398865

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 14.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 48.905 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 11643

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

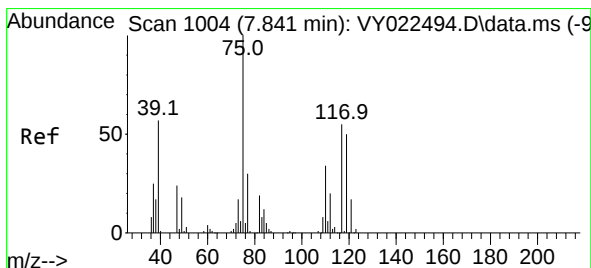
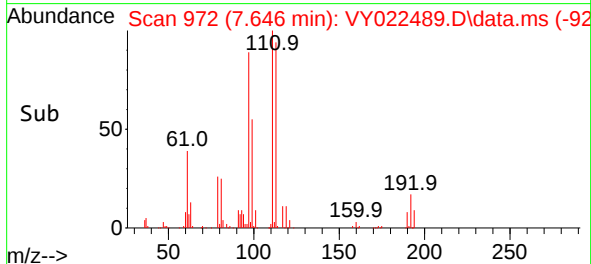
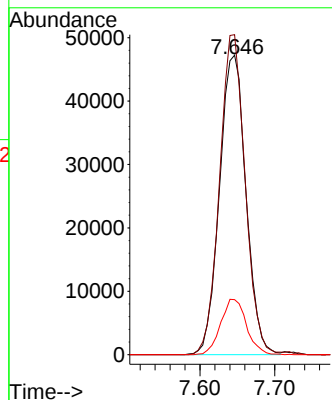
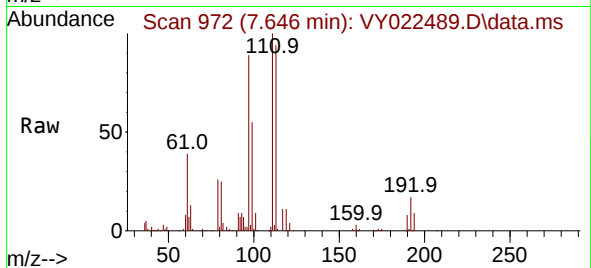
192 18.1 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#36

1,1-Dichloropropene

Concen: 47.638 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

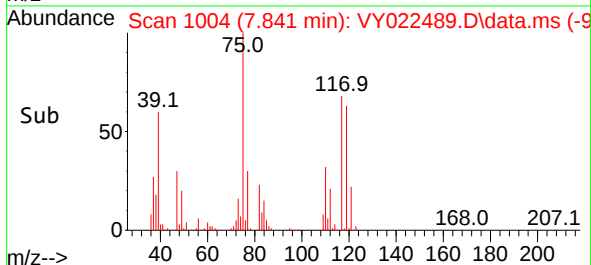
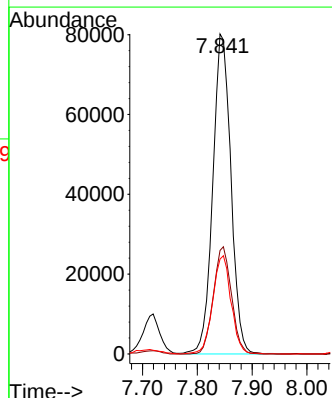
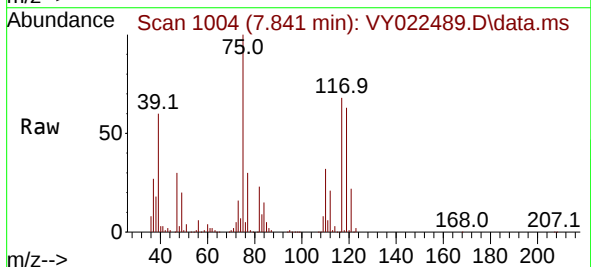
Tgt Ion: 75 Resp: 184072

Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.7

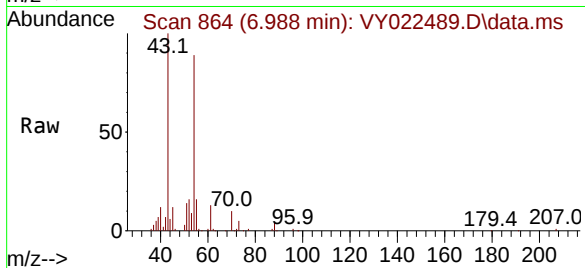
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 48.280 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

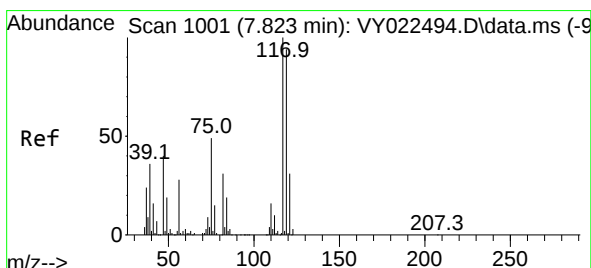
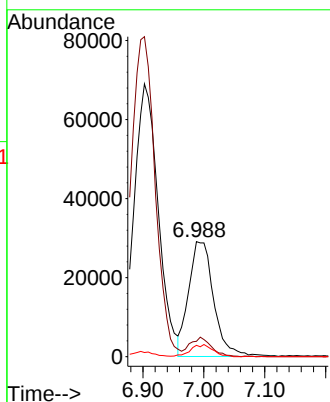
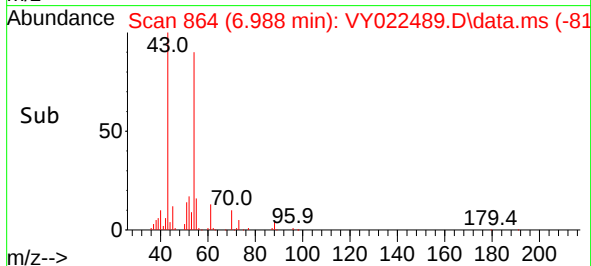
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8319
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 9.4 7.2 10.8

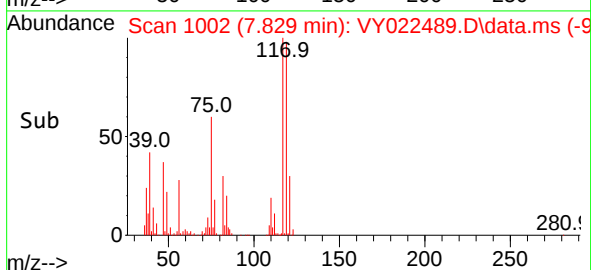
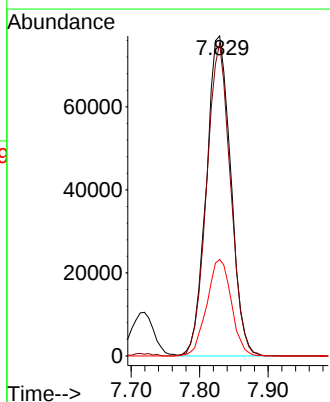
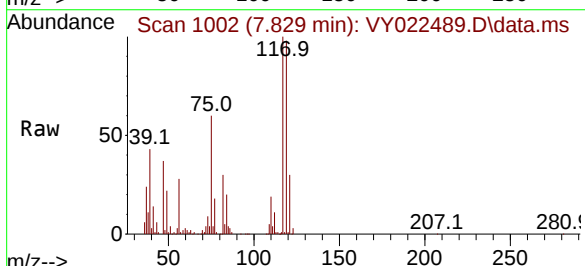
Manual Integrations
APPROVED

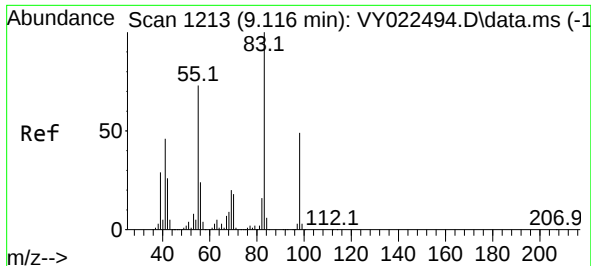
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#38
Carbon Tetrachloride
Concen: 48.199 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

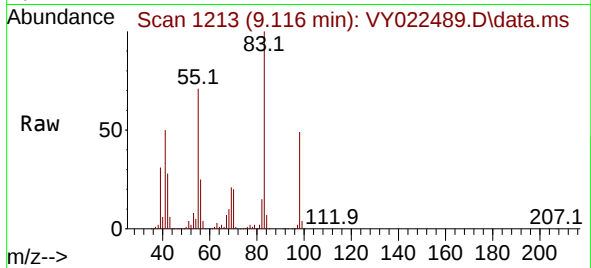
Tgt Ion:117 Resp: 191054
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.6
121 30.2 25.0 37.4





#39
Methylcyclohexane
Concen: 47.164 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

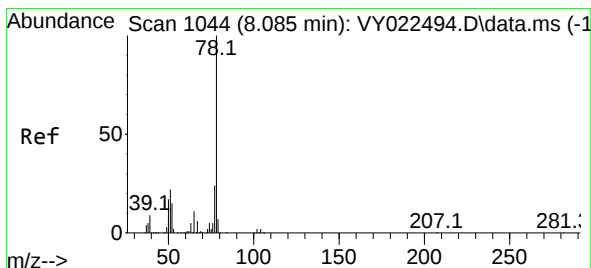
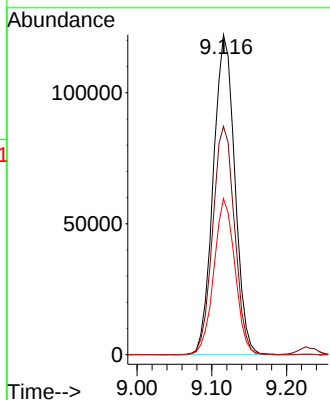
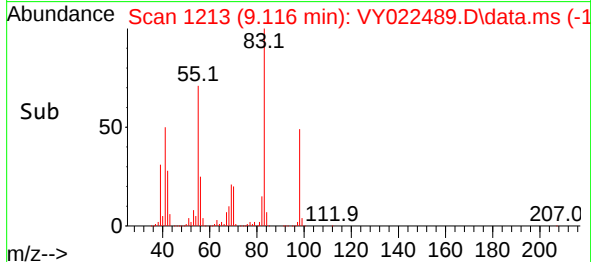
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



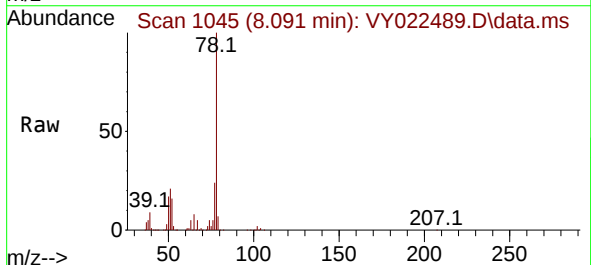
Tgt Ion: 83 Resp: 244905
Ion Ratio Lower Upper
83 100
55 71.4 58.1 87.1
98 48.8 39.0 58.6

Manual Integrations
APPROVED

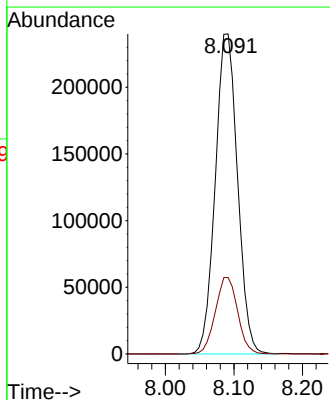
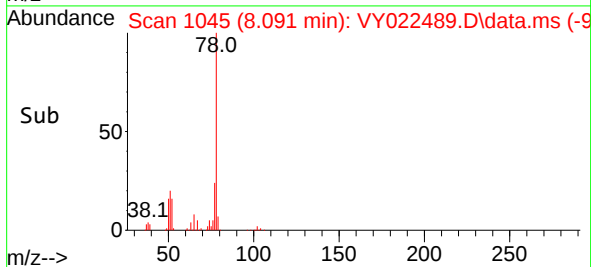
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

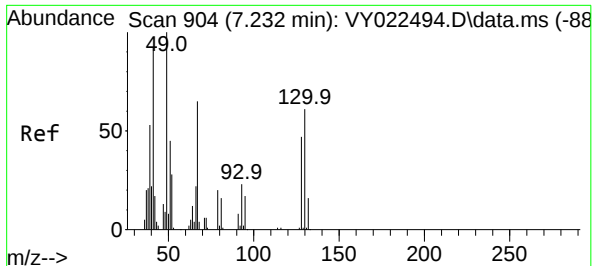


#40
Benzene
Concen: 47.322 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



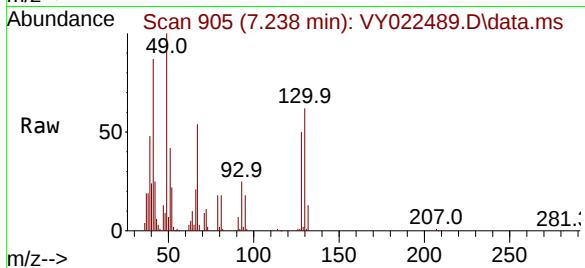
Tgt Ion: 78 Resp: 540061
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 45.395 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

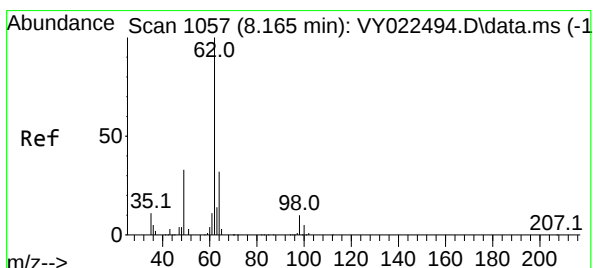
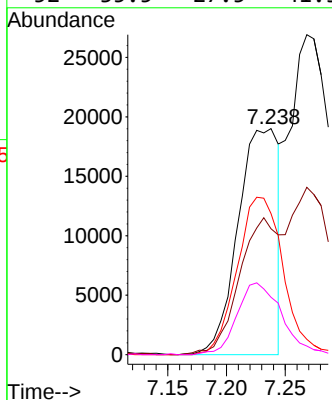
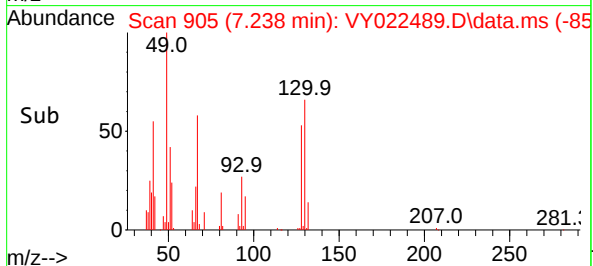
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



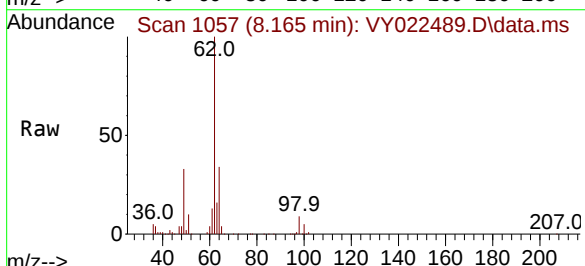
Tgt Ion: 41 Resp: 45690
Ion Ratio Lower Upper
41 100
39 57.3 46.6 69.8
67 79.4 63.3 94.9
52 35.5 27.5 41.3

Manual Integrations
APPROVED

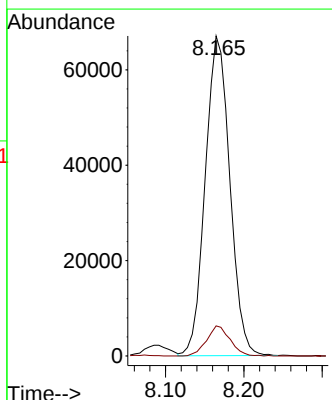
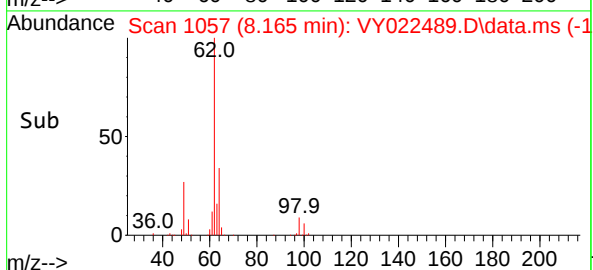
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

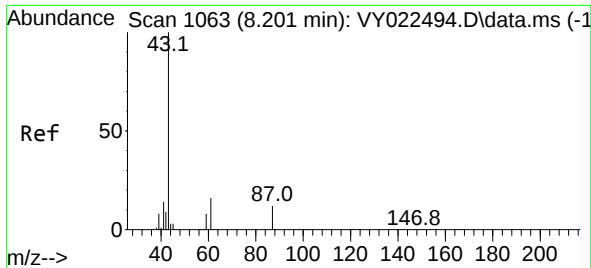


#42
1,2-Dichloroethane
Concen: 46.865 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



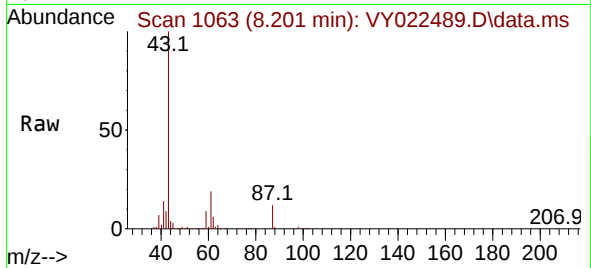
Tgt Ion: 62 Resp: 146038
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 47.577 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

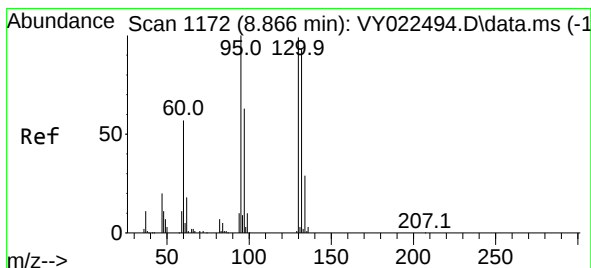
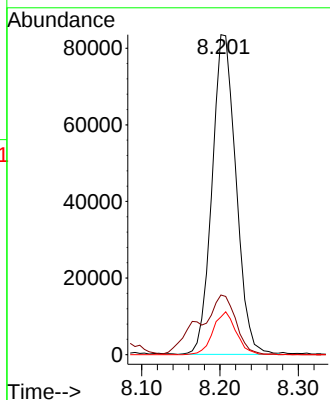
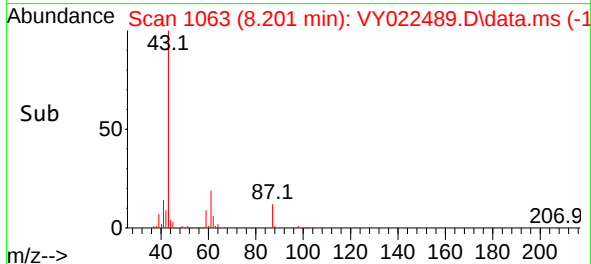
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 177050
Ion Ratio Lower Upper
43 100
61 20.0 15.6 23.4
87 13.0 10.2 15.4

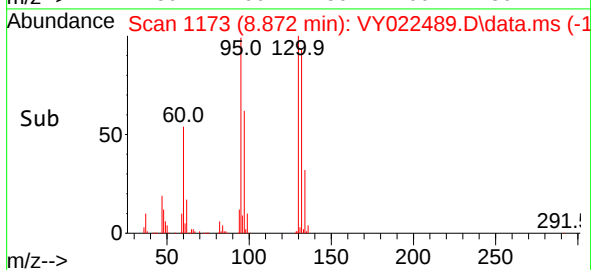
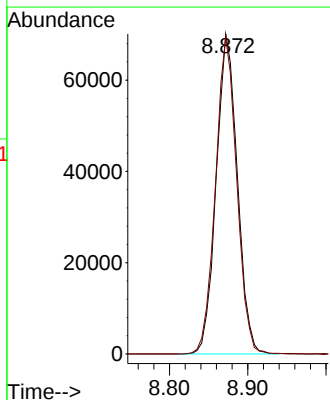
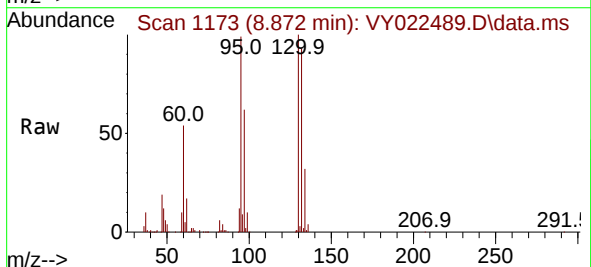
Manual Integrations
APPROVED

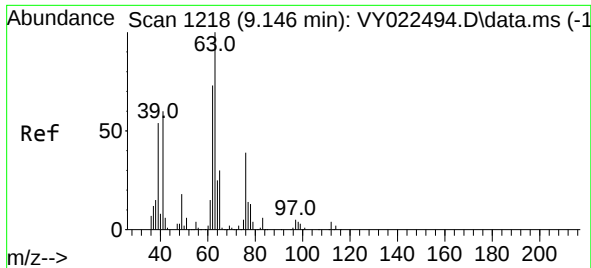
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#44
Trichloroethene
Concen: 47.138 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion:130 Resp: 131482
Ion Ratio Lower Upper
130 100
95 99.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 47.556 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12826

Ion Ratio Lower Upper

63 100

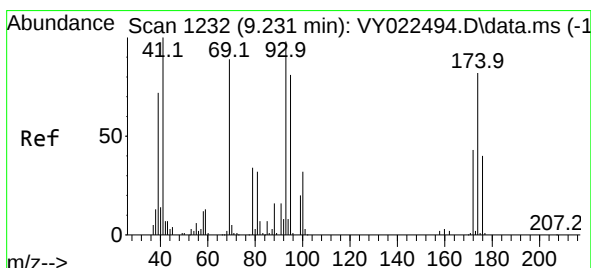
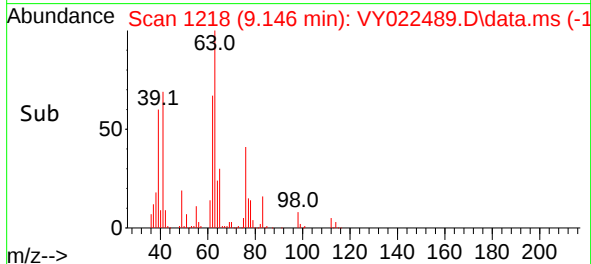
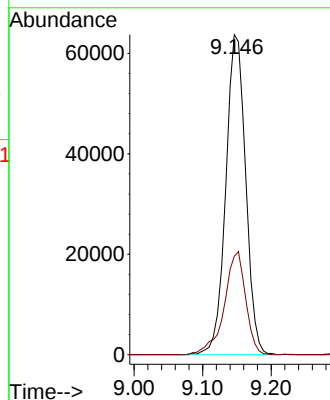
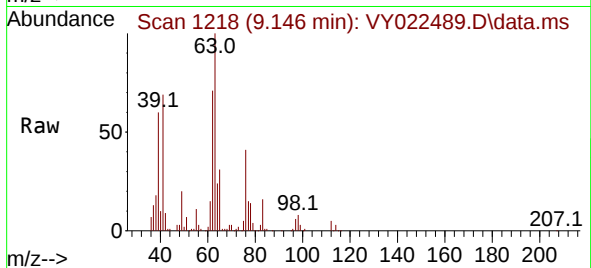
65 30.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 46.977 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

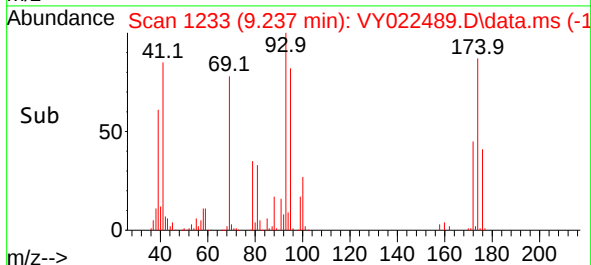
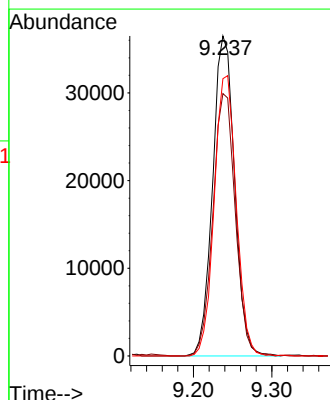
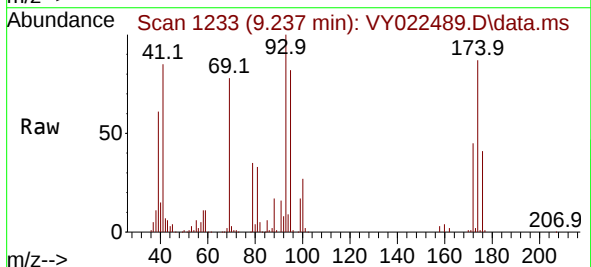
Tgt Ion: 93 Resp: 71283

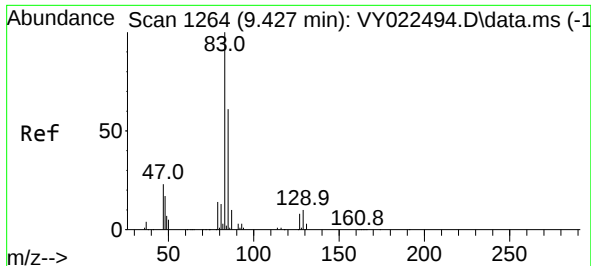
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 87.9 70.4 105.6





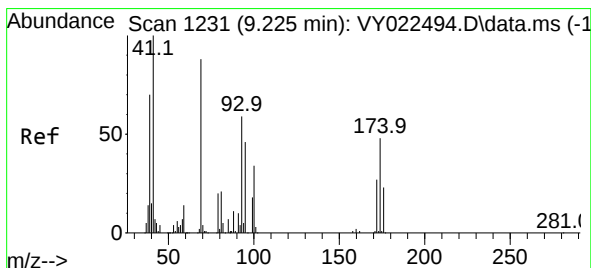
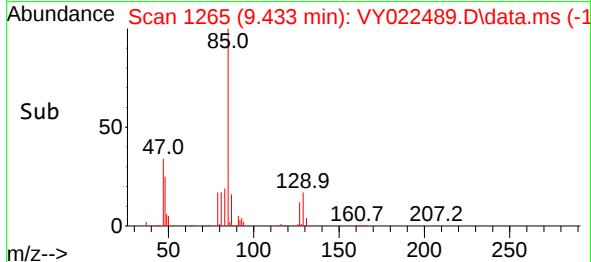
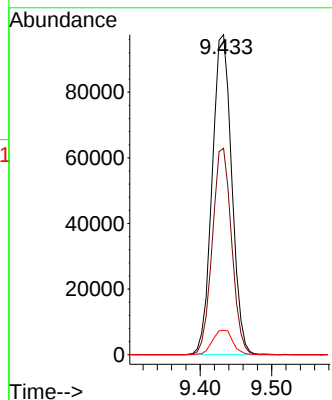
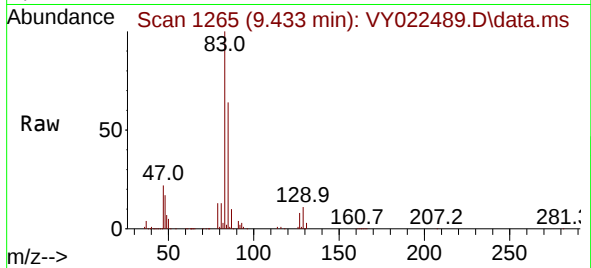
#47
Bromodichloromethane
Concen: 48.169 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18533
Ion Ratio Lower Upper
83 100
85 64.5 49.1 73.7
127 7.6 6.2 9.4

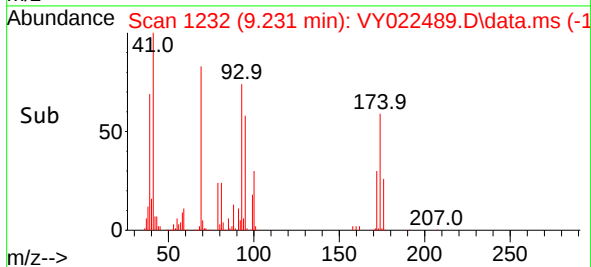
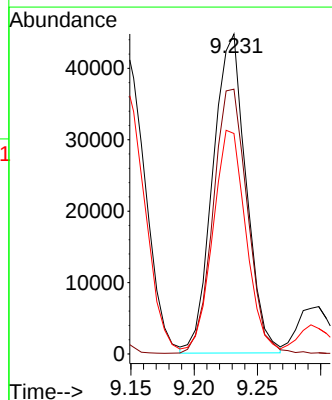
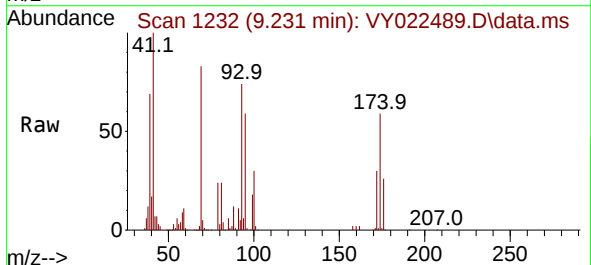
Manual Integrations
APPROVED

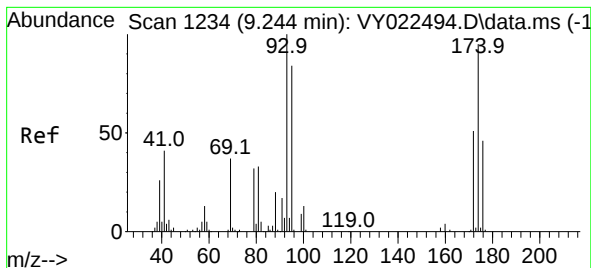
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#48
Methyl methacrylate
Concen: 46.790 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 41 Resp: 81724
Ion Ratio Lower Upper
41 100
69 85.9 67.8 101.8
39 67.4 55.0 82.4





#49

1,4-Dioxane

Concen: 905.902 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1628

Ion Ratio Lower Upper

88 100

43 35.7 25.4 38.2

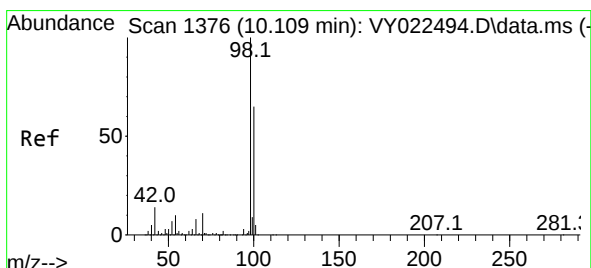
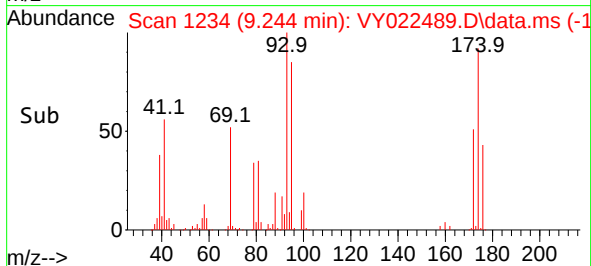
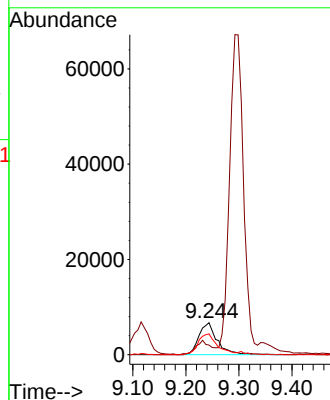
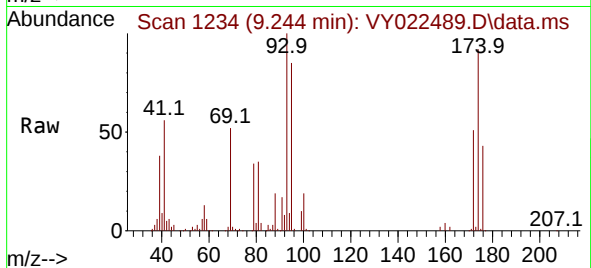
58 67.0 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#50

Toluene-d8

Concen: 49.047 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY022489.D

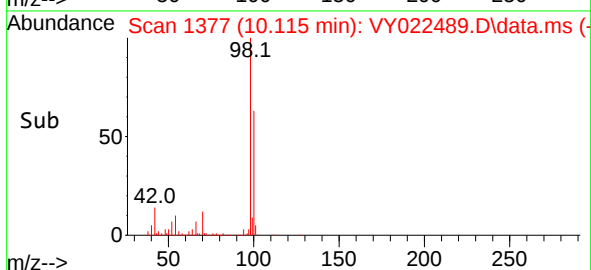
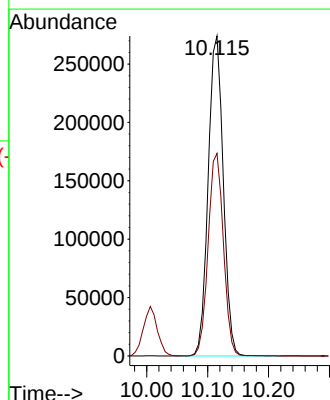
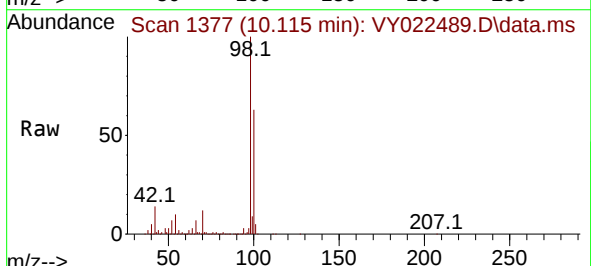
Acq: 02 Jun 2025 09:08

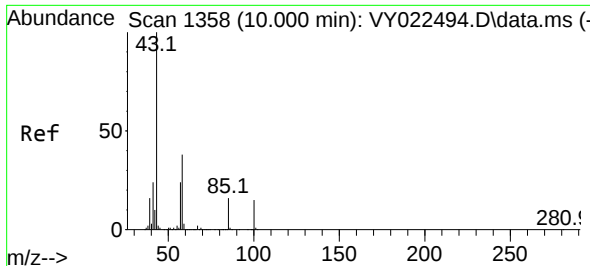
Tgt Ion: 98 Resp: 471822

Ion Ratio Lower Upper

98 100

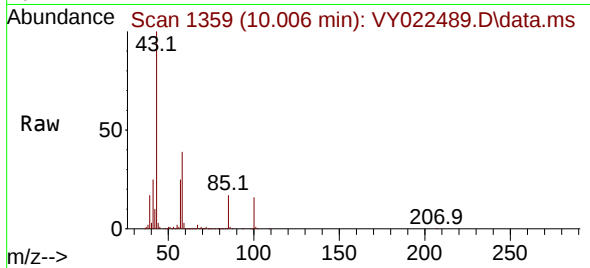
100 64.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 240.033 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

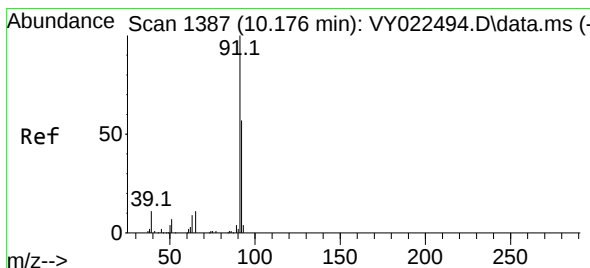
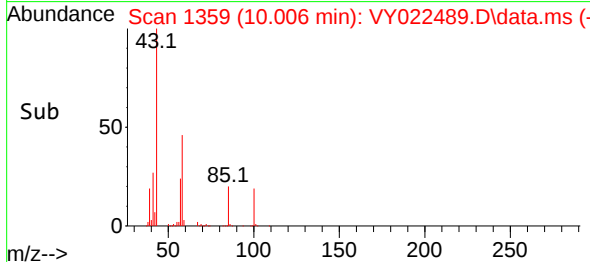
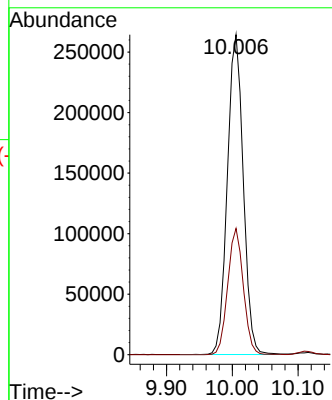
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 445363
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

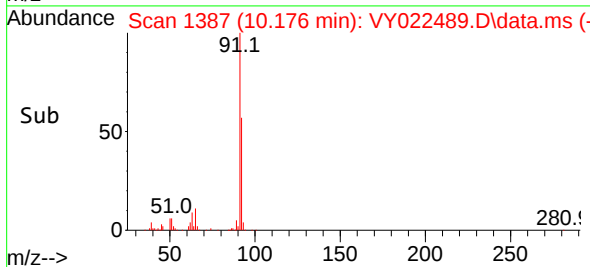
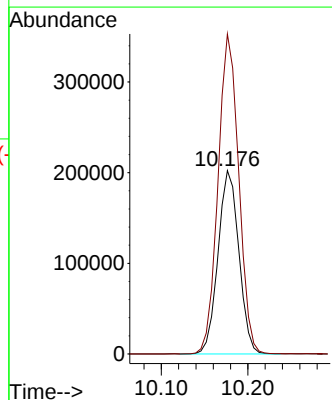
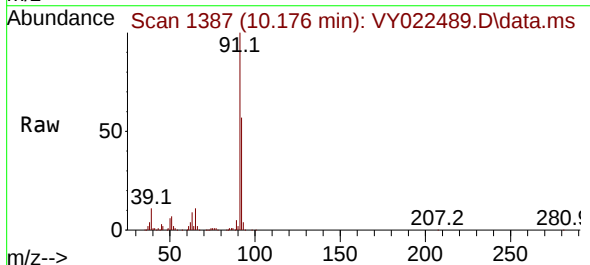
Manual Integrations
APPROVED

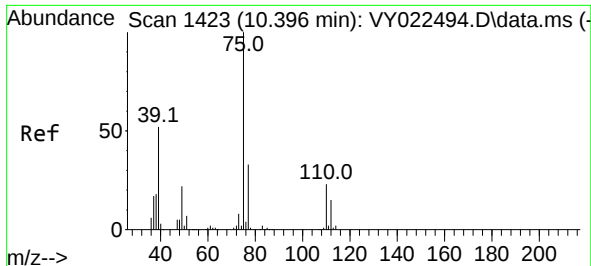
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 47.172 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

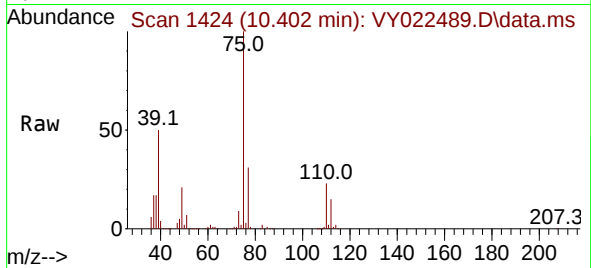
Tgt Ion: 92 Resp: 338314
Ion Ratio Lower Upper
92 100
91 173.3 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 48.517 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

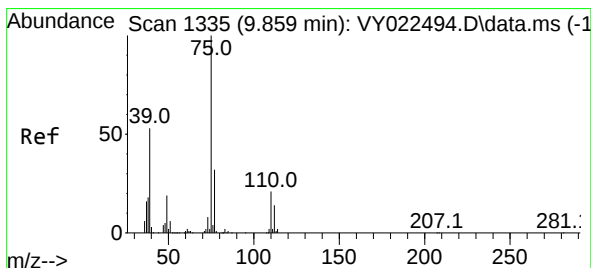
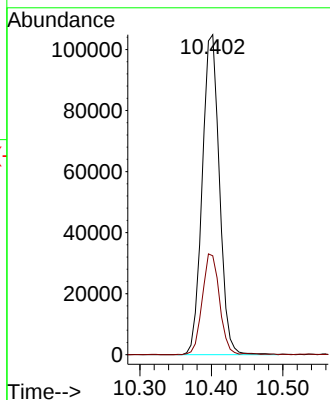
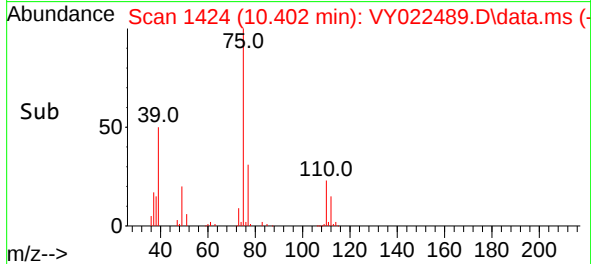
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



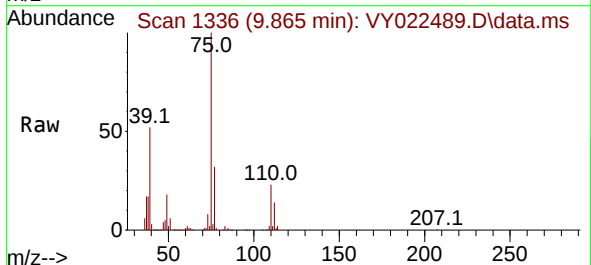
Tgt Ion: 75 Resp: 17490
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7

Manual Integrations
APPROVED

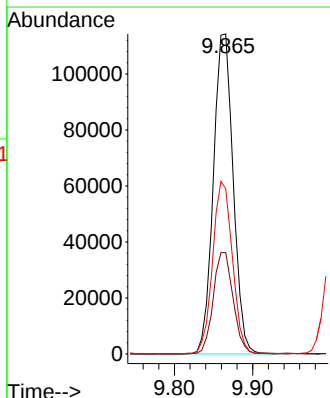
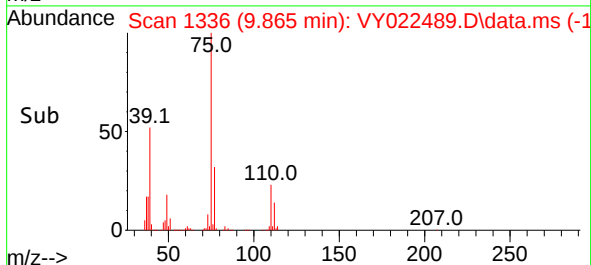
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

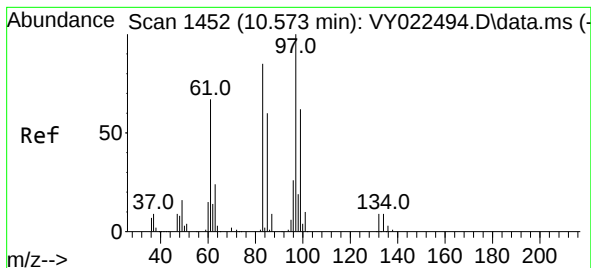


#54
cis-1,3-Dichloropropene
Concen: 47.982 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



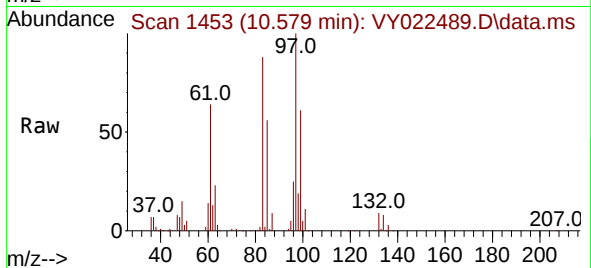
Tgt Ion: 75 Resp: 201357
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 51.5 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 46.708 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

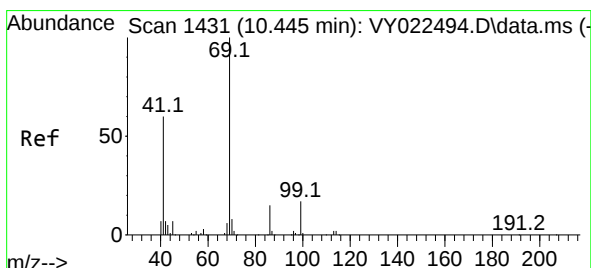
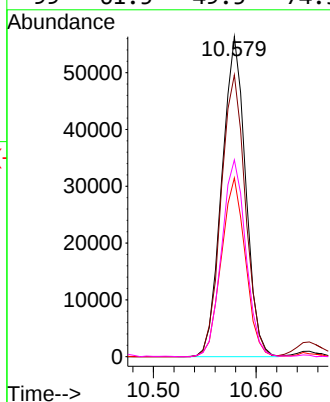
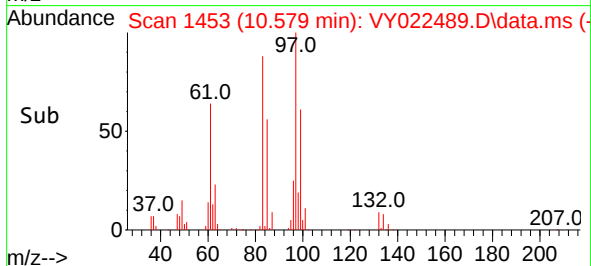
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



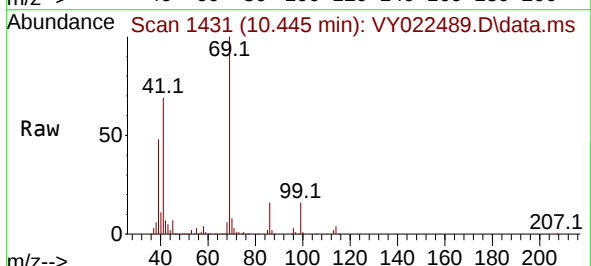
Tgt Ion:	97	Resp:	90374
Ion Ratio	100	Lower	Upper
97	100		
83	88.1	68.1	102.1
85	55.8	48.2	72.2
99	61.5	49.5	74.3

Manual Integrations
APPROVED

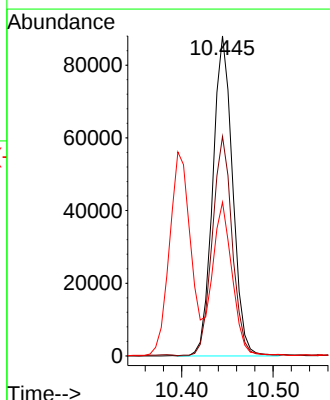
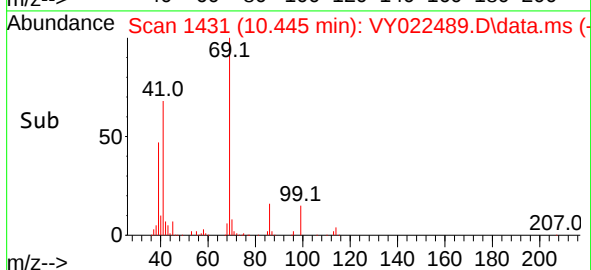
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

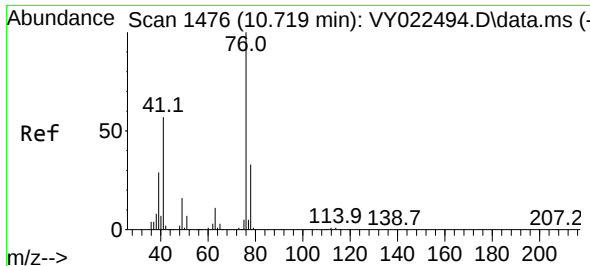


#56
Ethyl methacrylate
Concen: 47.597 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion:	69	Resp:	133107
Ion Ratio	100	Lower	Upper
69	100		
41	68.6	52.2	78.2
39	47.8	36.7	55.1





#57

1,3-Dichloropropane

Concen: 47.507 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 162919

Ion Ratio Lower Upper

76 100

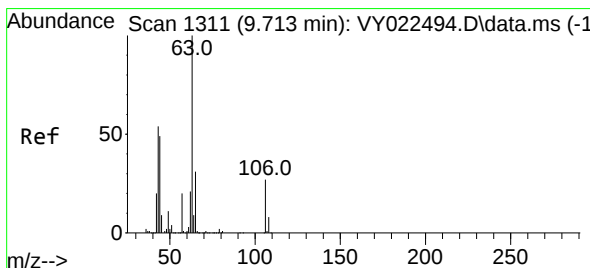
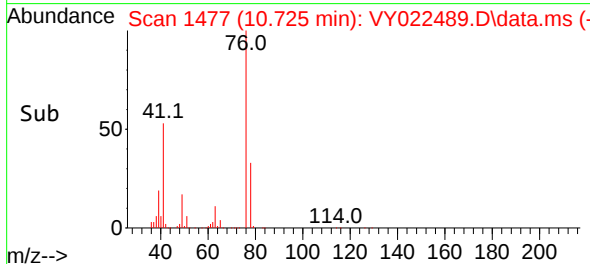
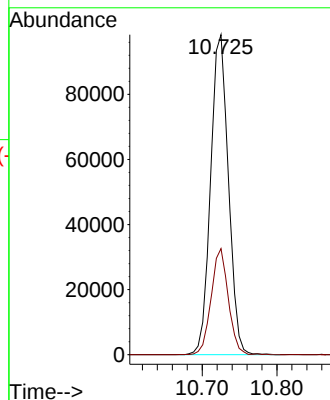
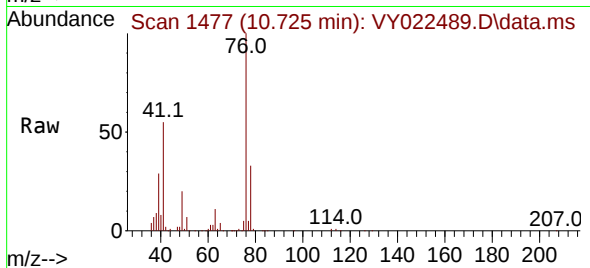
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 241.519 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY022489.D

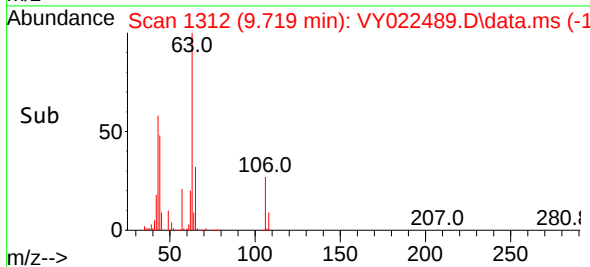
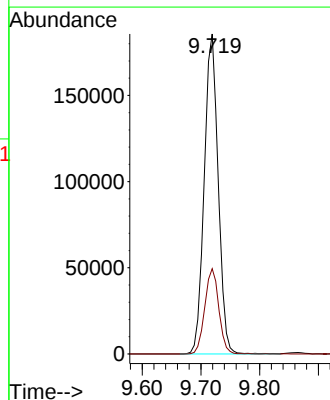
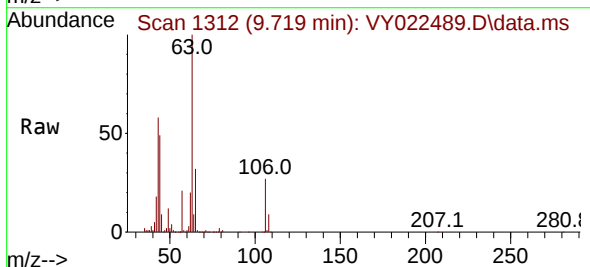
Acq: 02 Jun 2025 09:08

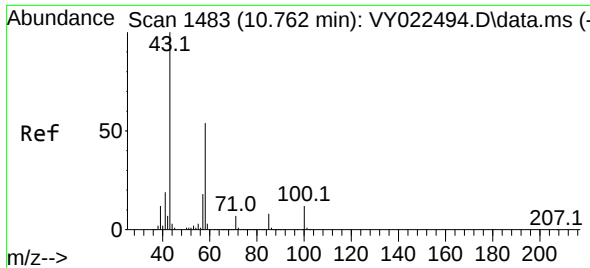
Tgt Ion: 63 Resp: 306651

Ion Ratio Lower Upper

63 100

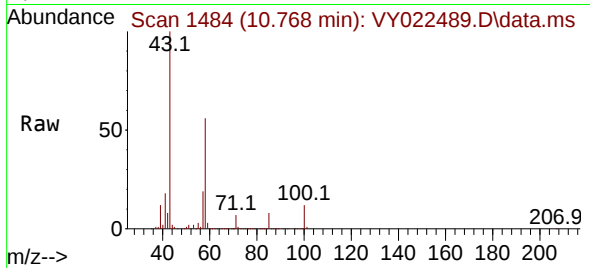
106 26.7 21.6 32.4





#59
2-Hexanone
Concen: 241.935 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

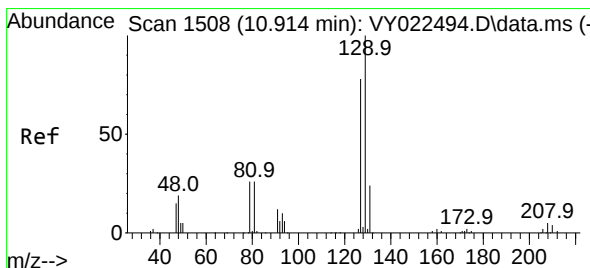
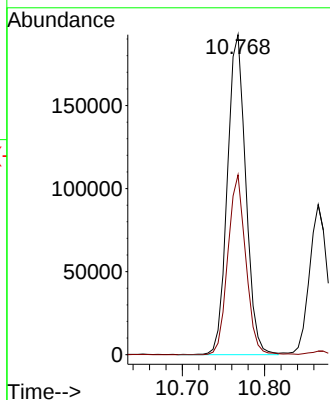
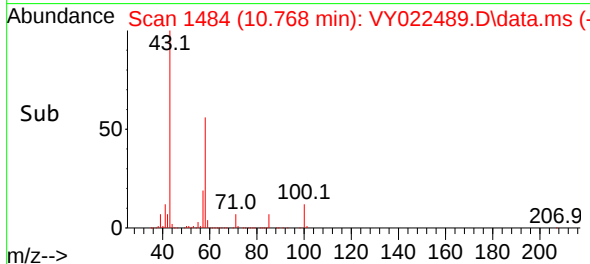
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 300215
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

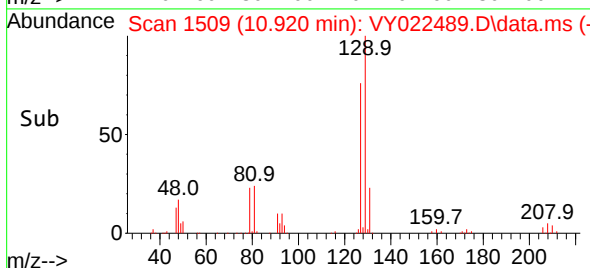
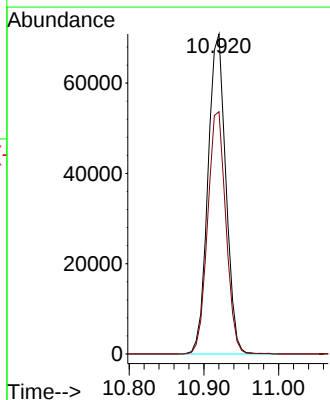
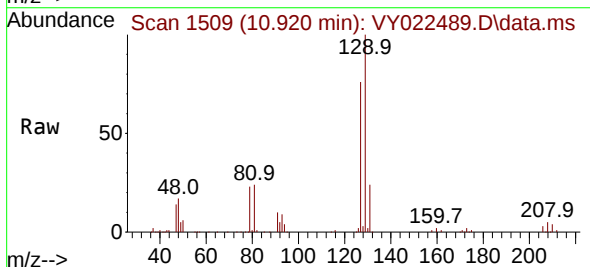
Manual Integrations
APPROVED

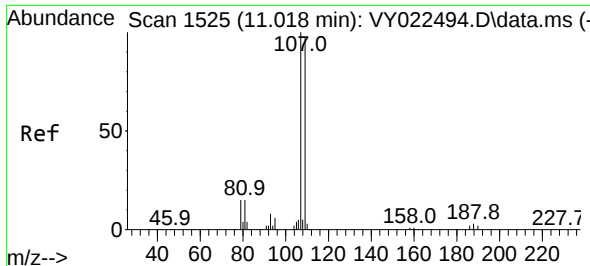
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 47.896 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

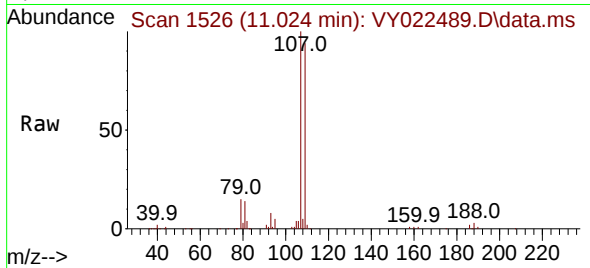
Tgt Ion:129 Resp: 117769
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61
1,2-Dibromoethane
Concen: 47.902 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

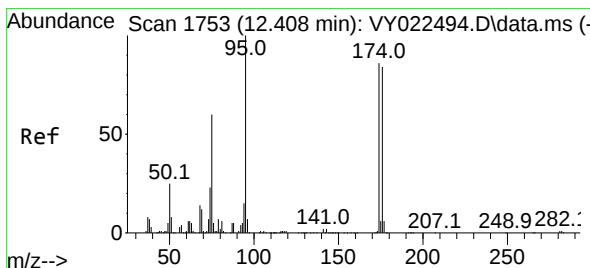
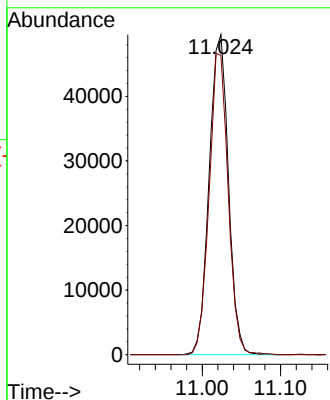
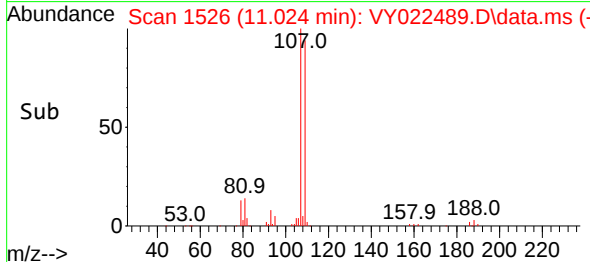
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



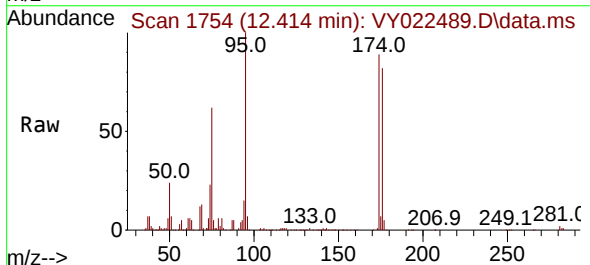
Tgt Ion:107 Resp: 84470
Ion Ratio Lower Upper
107 100
109 93.0 77.7 116.5

Manual Integrations
APPROVED

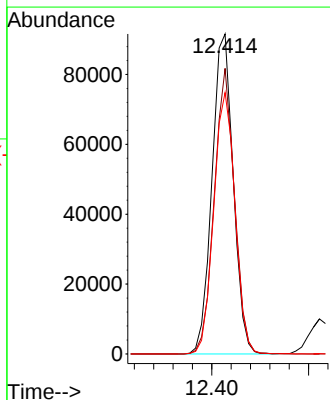
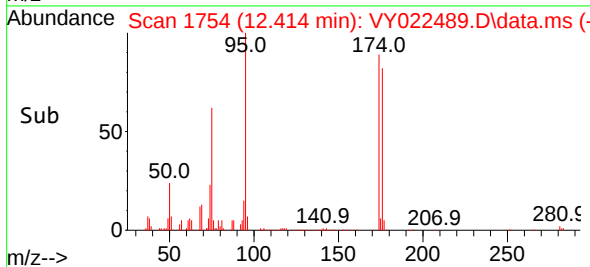
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

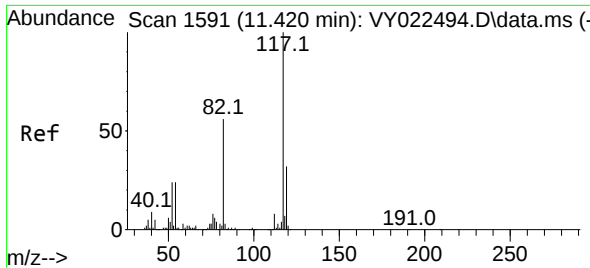


#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



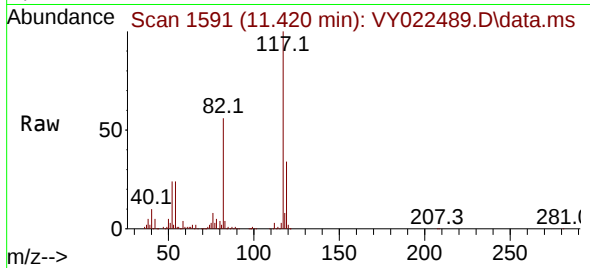
Tgt Ion: 95 Resp: 139736
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 81.9 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

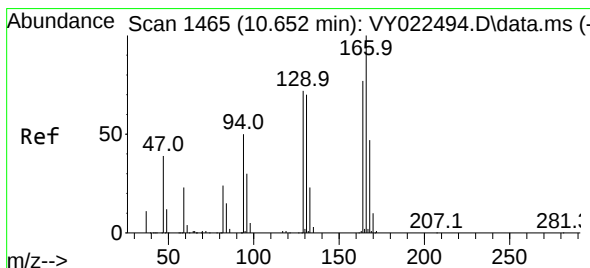
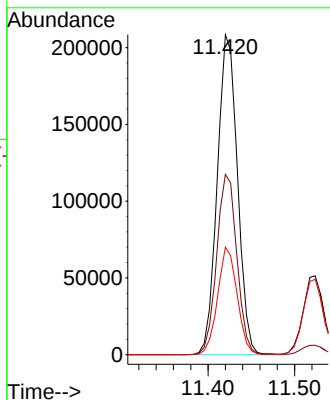
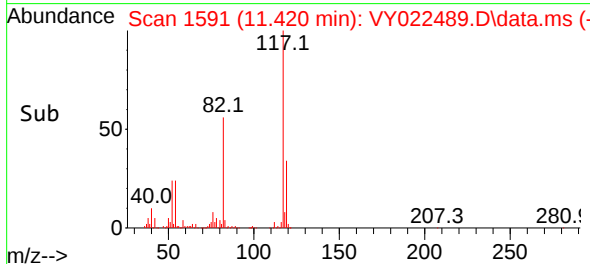
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



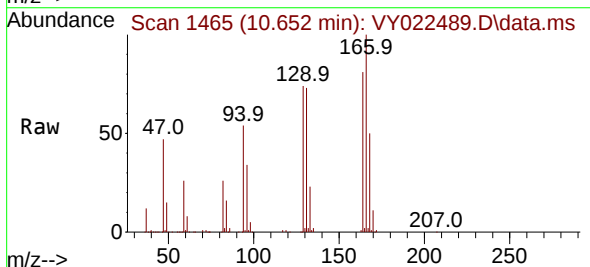
Tgt Ion:117 Resp: 33807
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 33.6 25.4 38.0

Manual Integrations
APPROVED

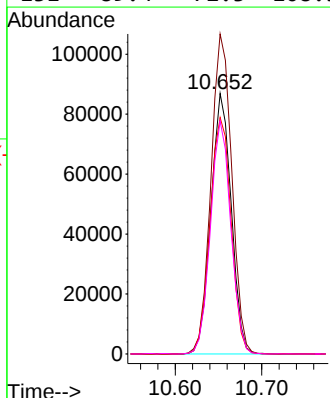
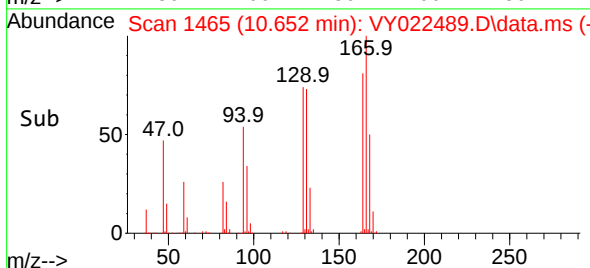
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64
Tetrachloroethene
Concen: 48.792 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



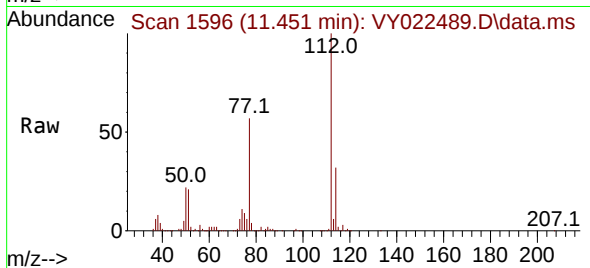
Tgt Ion:164 Resp: 141895
Ion Ratio Lower Upper
164 100
166 122.8 104.0 156.0
129 90.8 74.5 111.7
131 89.4 72.3 108.5





#65
Chlorobenzene
Concen: 47.004 ug/l
RT: 11.451 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

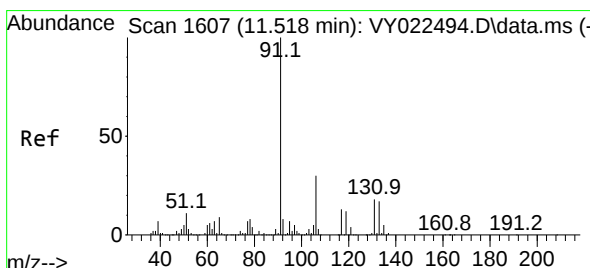
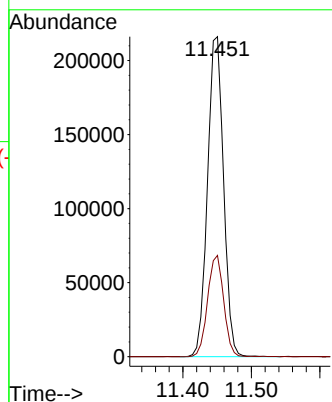
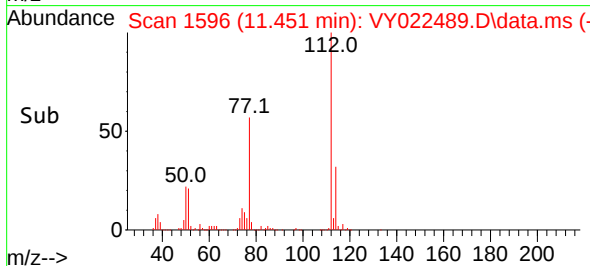
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



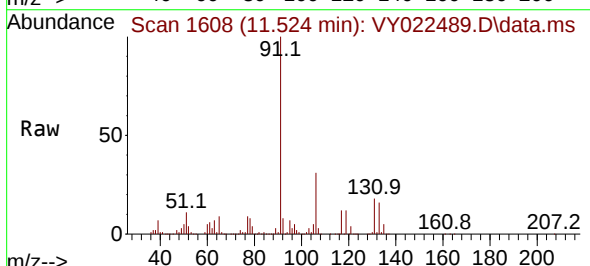
Tgt Ion:112 Resp: 351640
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6

Manual Integrations
APPROVED

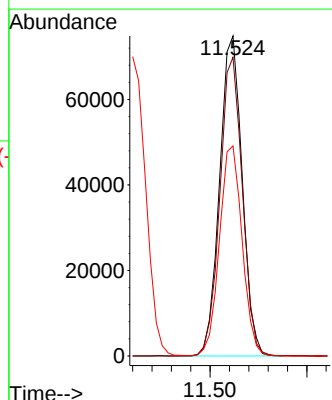
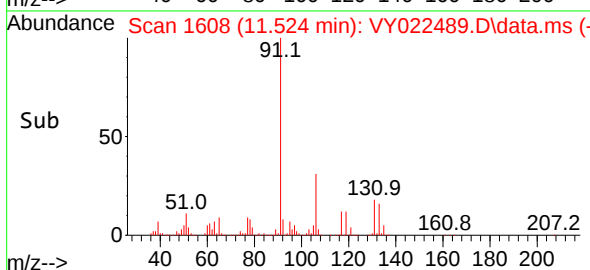
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

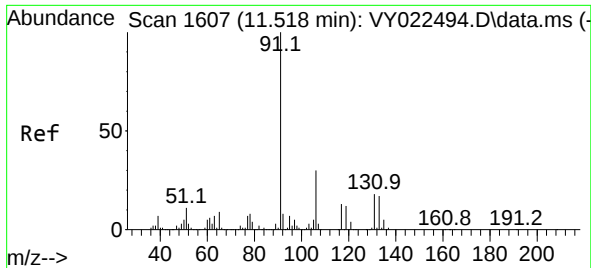


#66
1,1,1,2-Tetrachloroethane
Concen: 47.982 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion:131 Resp: 120924
Ion Ratio Lower Upper
131 100
133 93.2 47.3 141.8
119 66.1 33.1 99.3





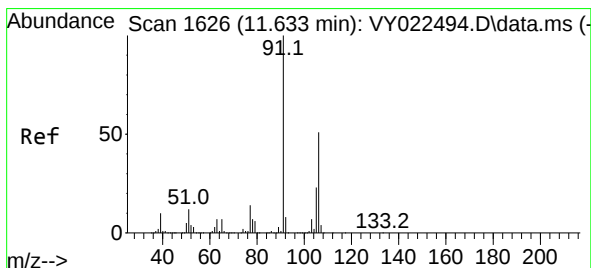
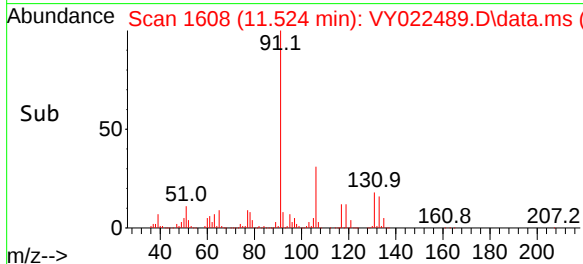
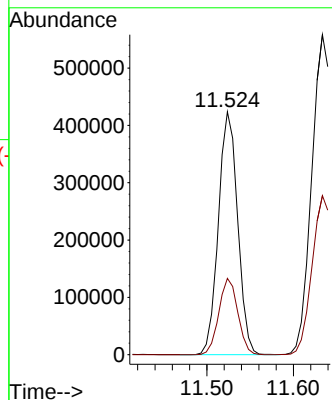
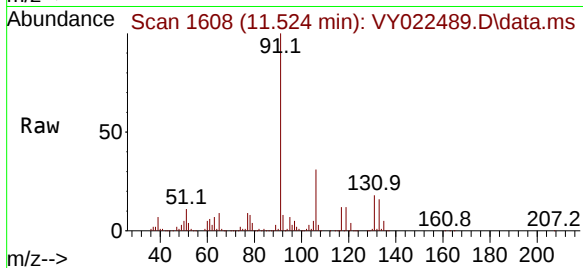
#67
Ethyl Benzene
Concen: 47.181 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 65468
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

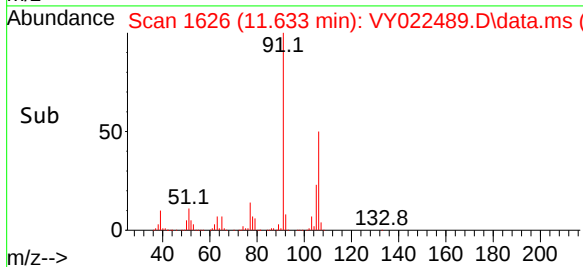
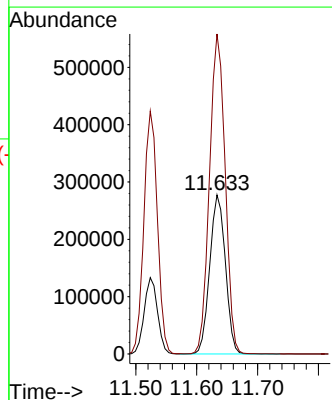
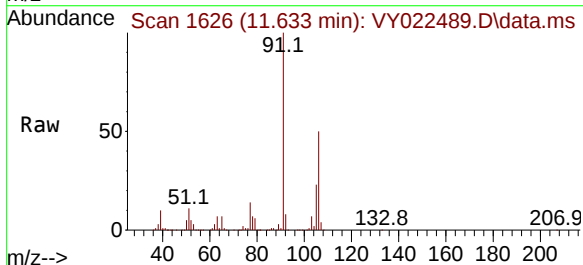
Manual Integrations
APPROVED

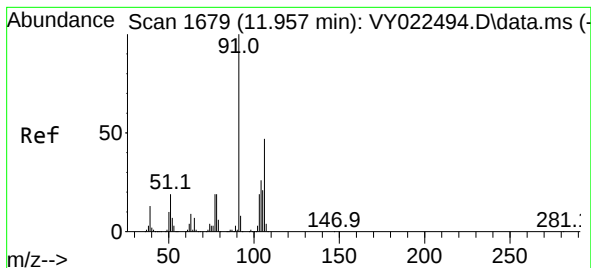
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#68
m/p-Xylenes
Concen: 94.135 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion:106 Resp: 495169
Ion Ratio Lower Upper
106 100
91 201.6 159.4 239.0





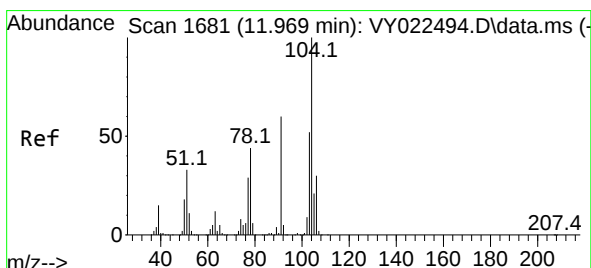
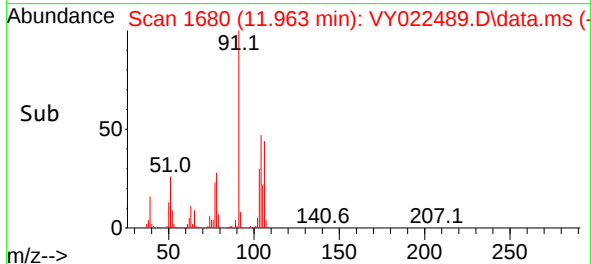
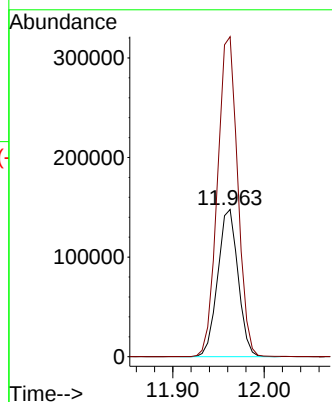
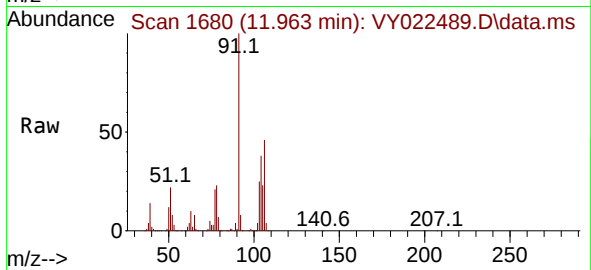
#69
o-Xylene
Concen: 46.426 ug/l
RT: 11.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 228963
Ion Ratio Lower Upper
106 100
91 216.4 105.8 317.3

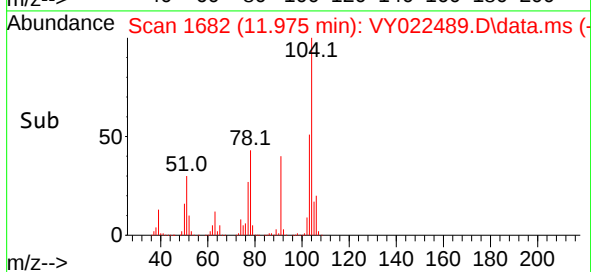
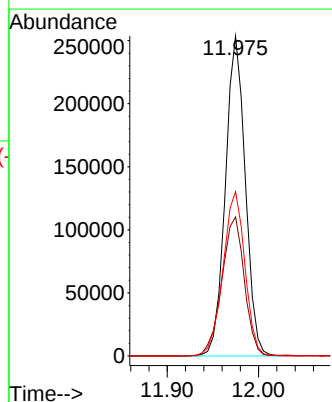
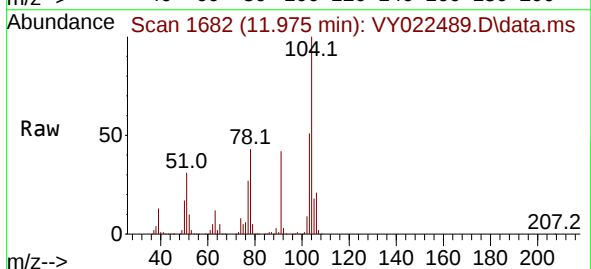
Manual Integrations
APPROVED

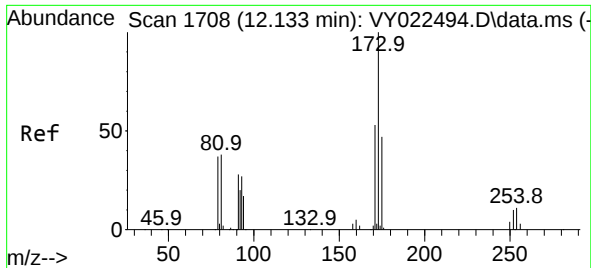
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 47.123 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

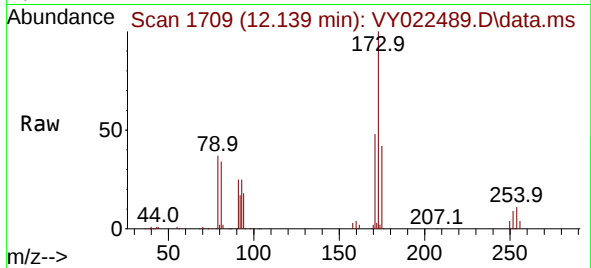
Tgt Ion:104 Resp: 384153
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 56.3 44.1 66.1





#71
Bromoform
Concen: 47.659 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

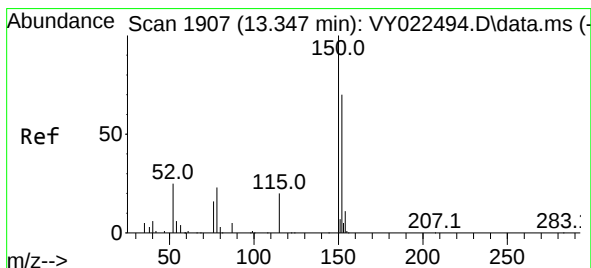
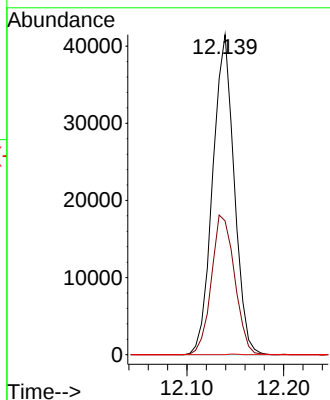
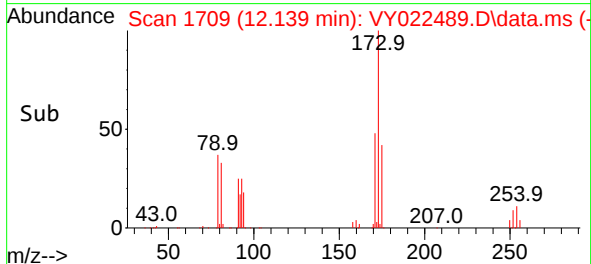
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



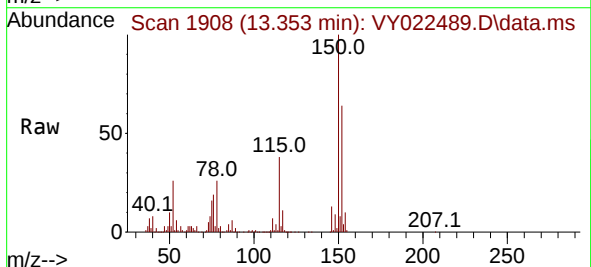
Tgt Ion:173 Resp: 63910
Ion Ratio Lower Upper
173 100
175 47.2 23.8 71.5
254 0.1 0.0 0.0

Manual Integrations
APPROVED

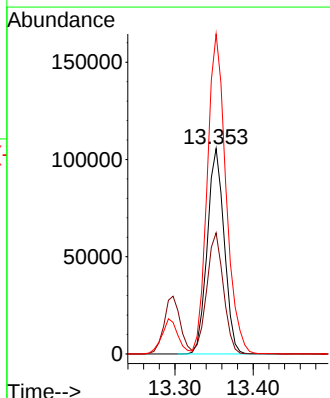
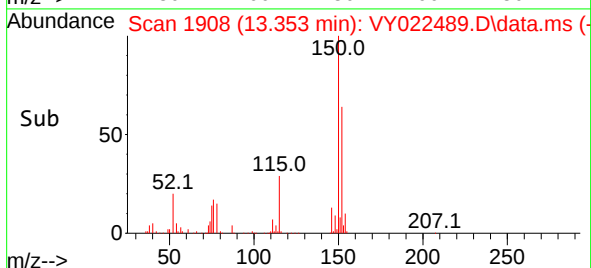
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

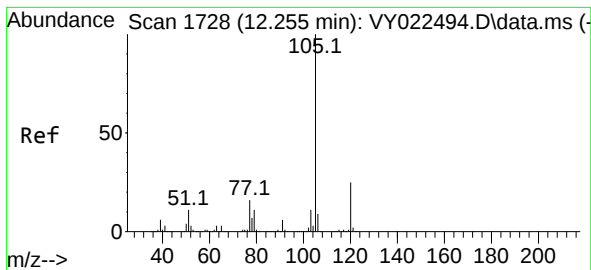


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion:152 Resp: 158313
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 172.1 0.0 349.6





#73

Isopropylbenzene

Concen: 47.046 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 611470

Ion Ratio Lower Upper

105 100

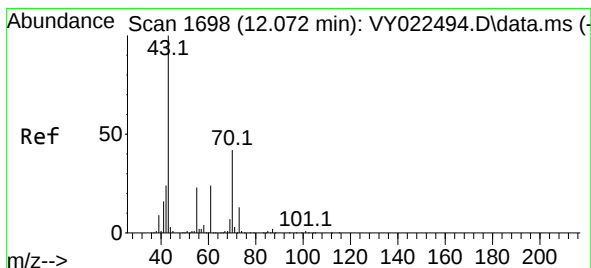
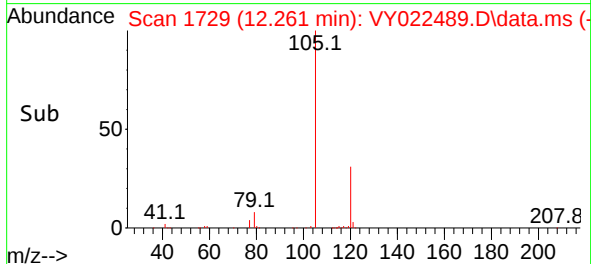
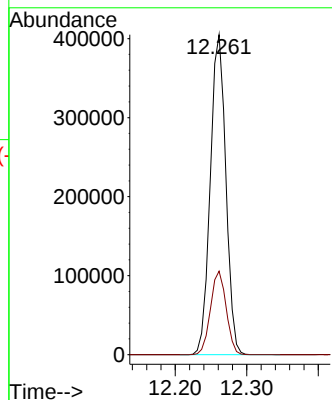
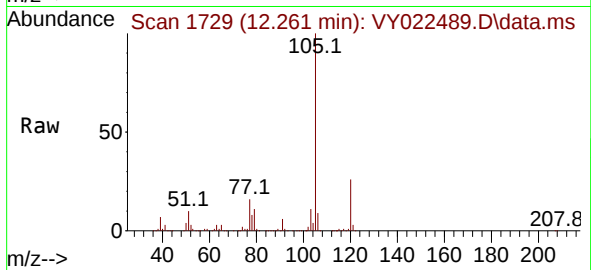
120 26.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#74

N-ethyl acetate

Concen: 47.933 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Tgt Ion: 43 Resp: 157198

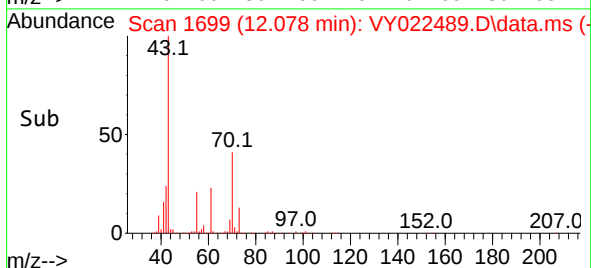
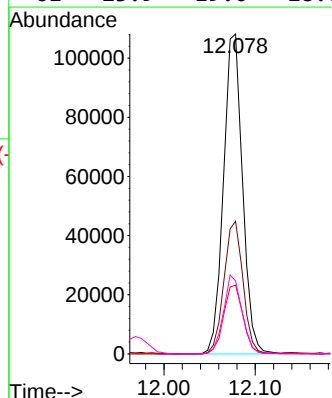
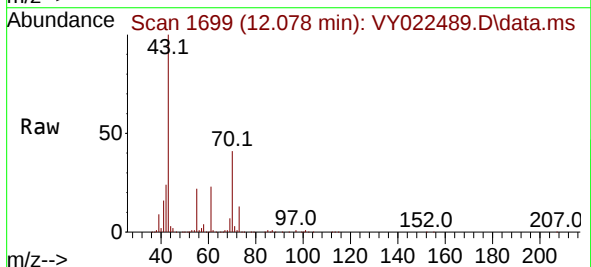
Ion Ratio Lower Upper

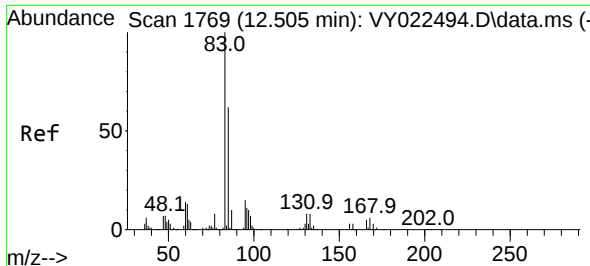
43 100

70 41.7 34.2 51.2

55 22.0 18.2 27.4

61 23.9 19.0 28.6





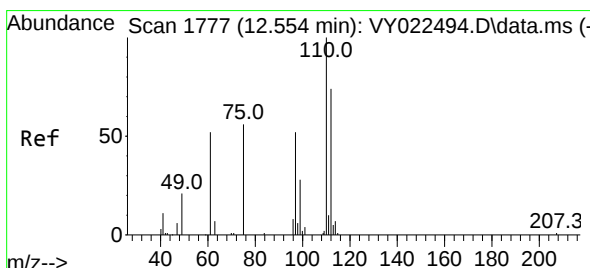
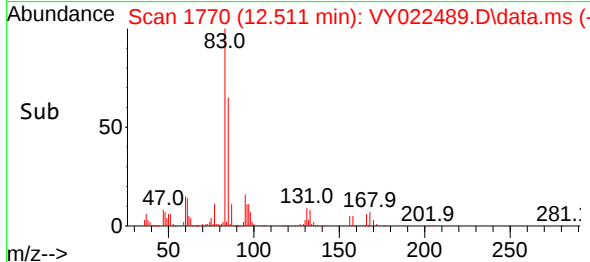
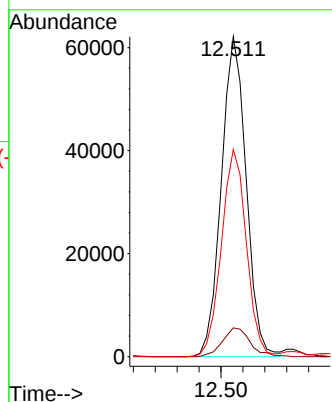
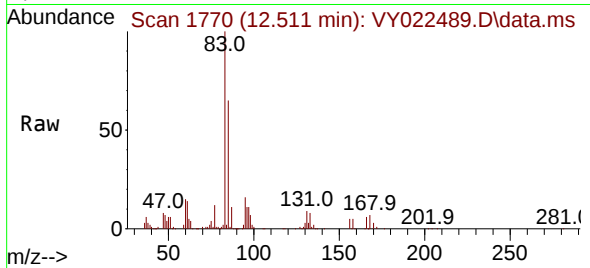
#75
1,1,2,2-Tetrachloroethane
Concen: 45.836 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9777
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.9 32.6 97.8

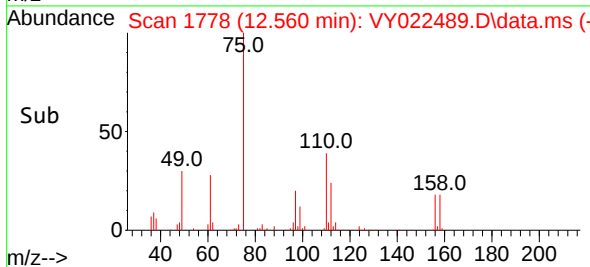
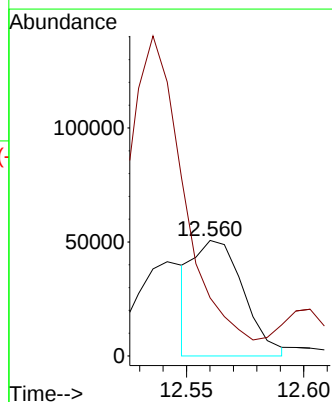
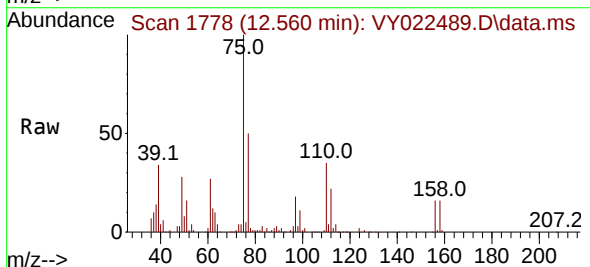
Manual Integrations
APPROVED

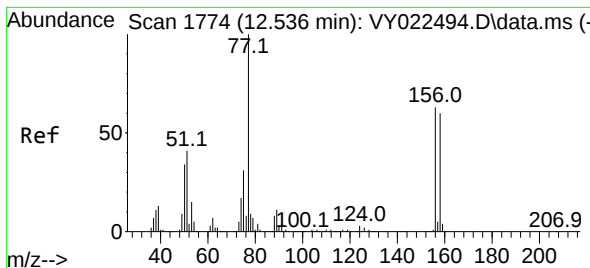
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#76
1,2,3-Trichloropropane
Concen: 41.464 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 75 Resp: 75098
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.747 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

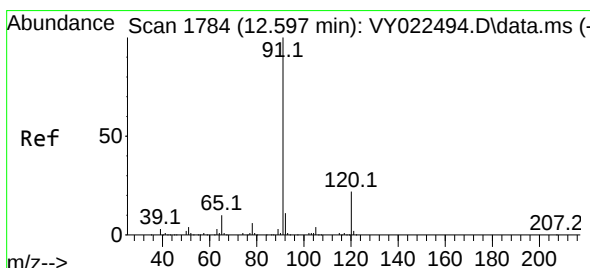
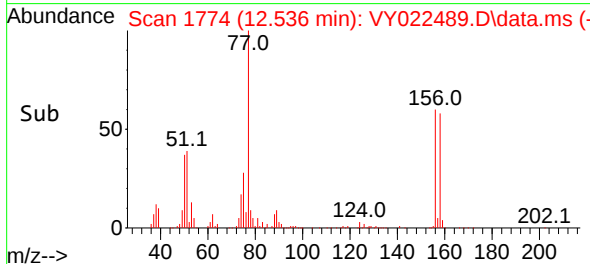
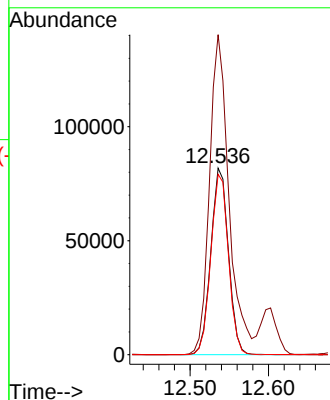
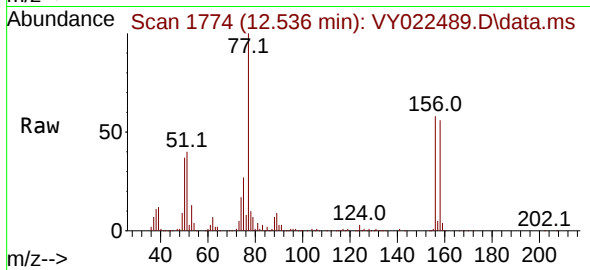
Tgt Ion:156 Resp: 128210

Ion	Ratio	Lower	Upper
156	100		
77	187.8	94.0	282.1
158	96.4	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: 46.976 ug/l

RT: 12.603 min Scan# 1785

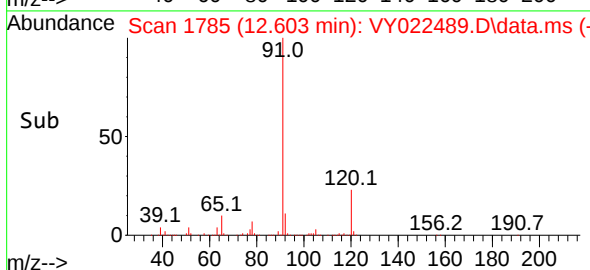
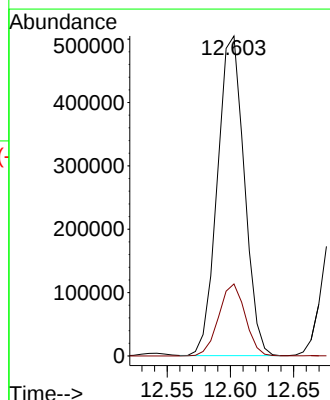
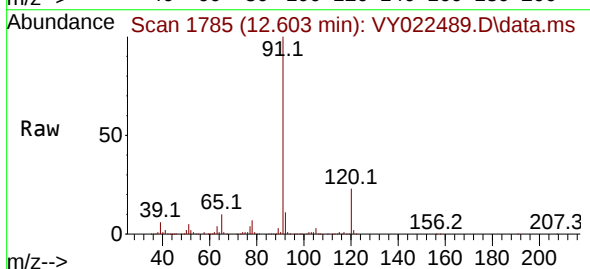
Delta R.T. 0.006 min

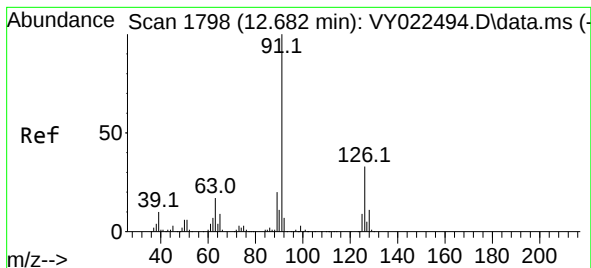
Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Tgt Ion: 91 Resp: 745737

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.8	32.4





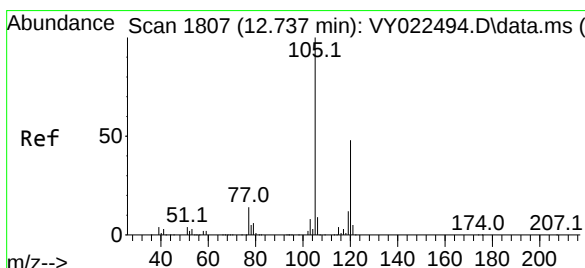
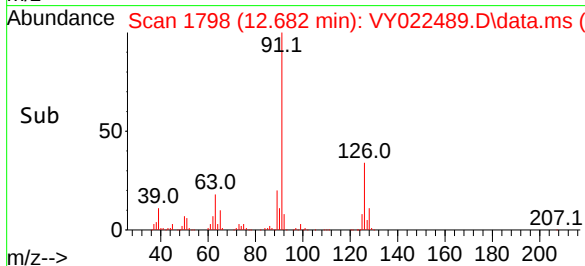
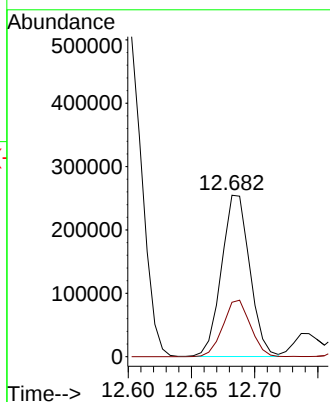
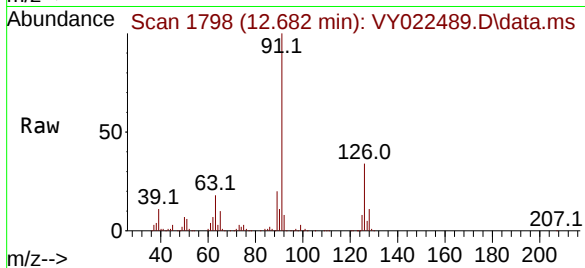
#79
2-Chlorotoluene
Concen: 47.036 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 395748
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

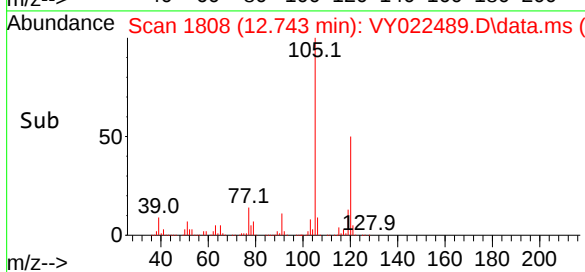
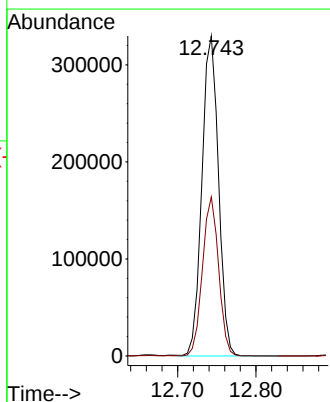
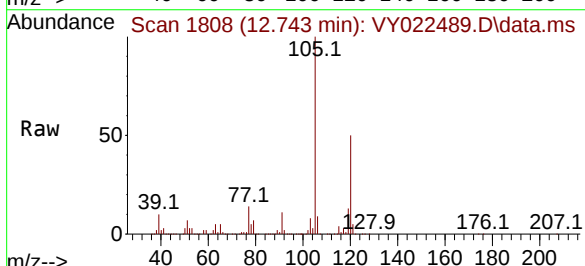
Manual Integrations
APPROVED

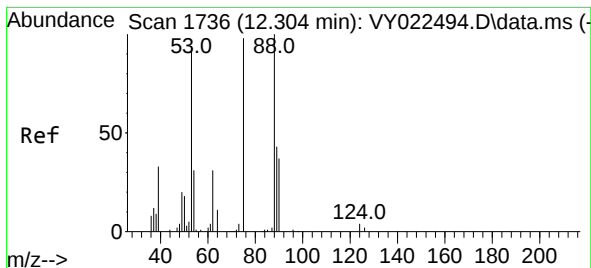
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.463 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

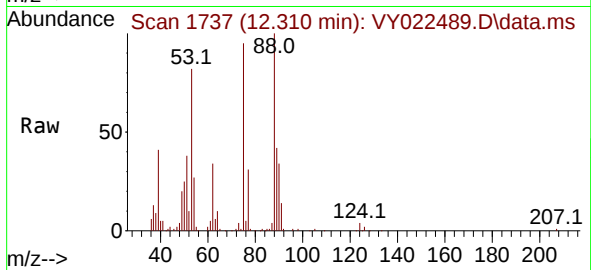
Tgt Ion:105 Resp: 484318
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.145 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

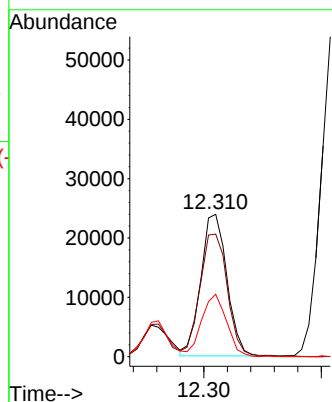
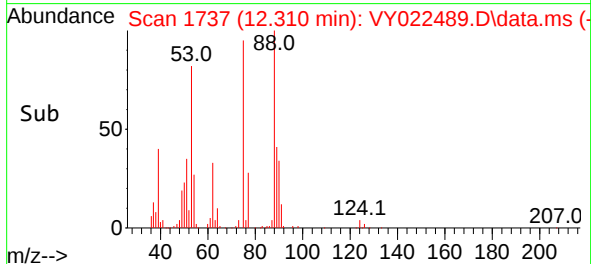
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3685
Ion Ratio Lower Upper
75 100
53 92.0 78.5 117.7
89 41.7 35.7 53.5

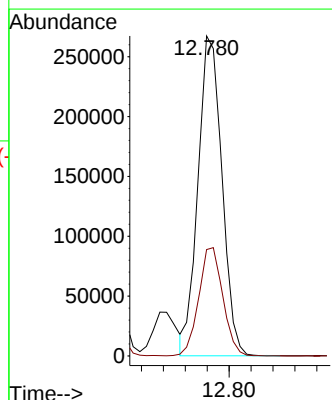
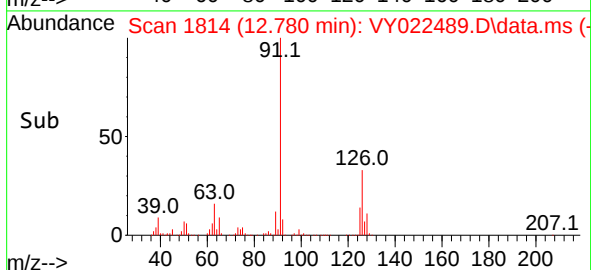
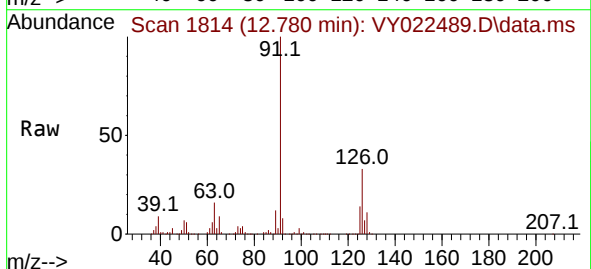
Manual Integrations
APPROVED

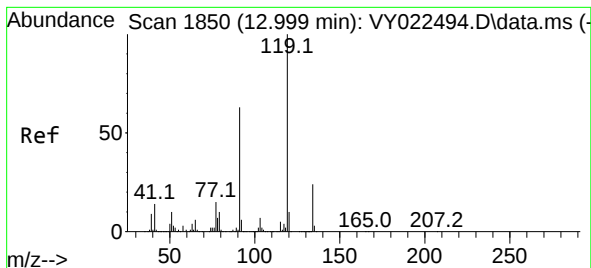
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 46.746 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion: 91 Resp: 405739
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





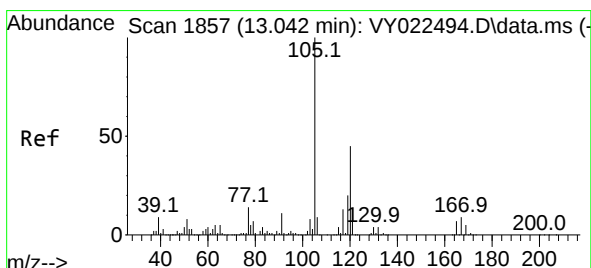
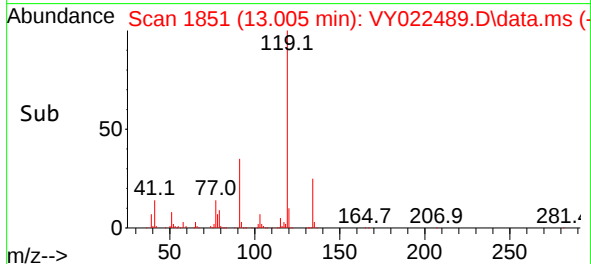
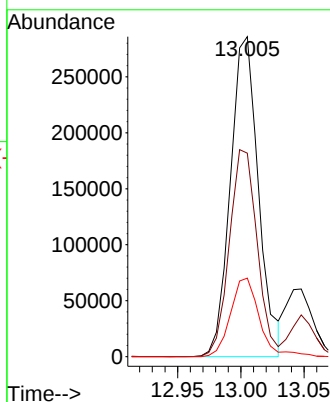
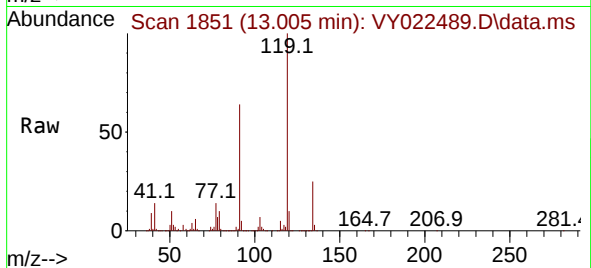
#83
tert-Butylbenzene
Concen: 48.277 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 442140
Ion Ratio Lower Upper
119 100
91 64.0 32.1 96.3
134 25.4 13.0 38.9

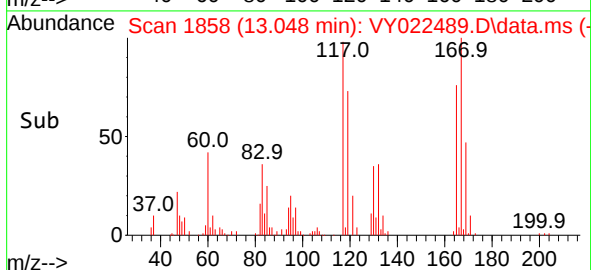
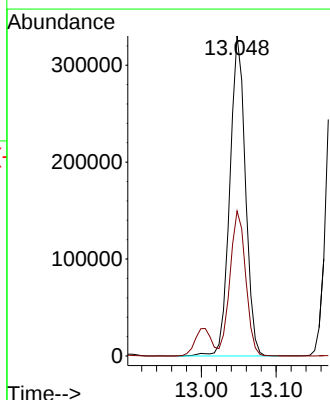
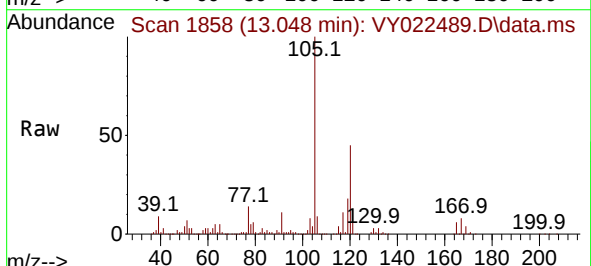
Manual Integrations
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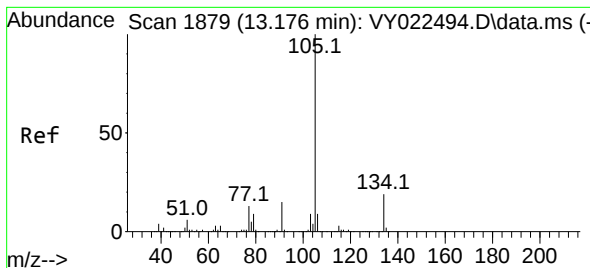
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 47.018 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Tgt Ion:105 Resp: 479856
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





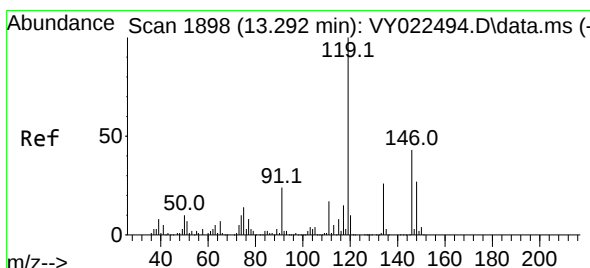
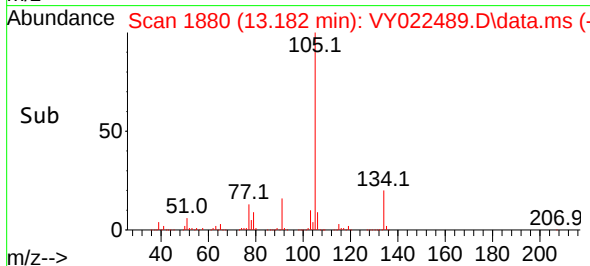
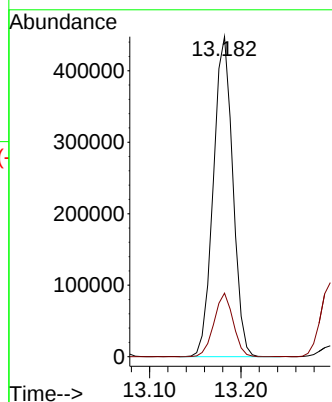
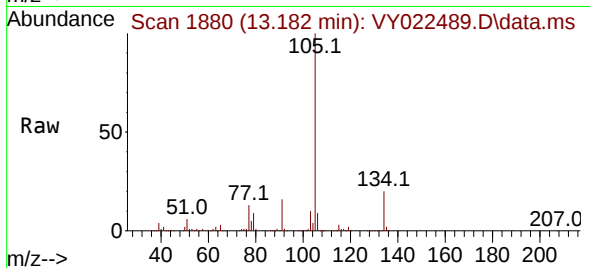
#85
 sec-Butylbenzene
 Concen: 47.123 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 660970
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

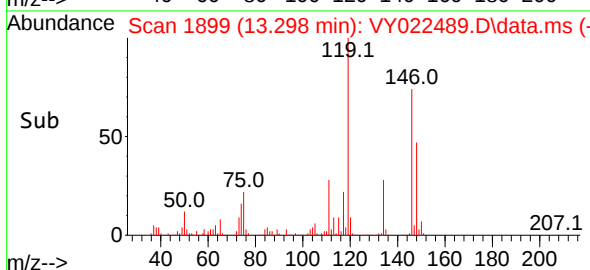
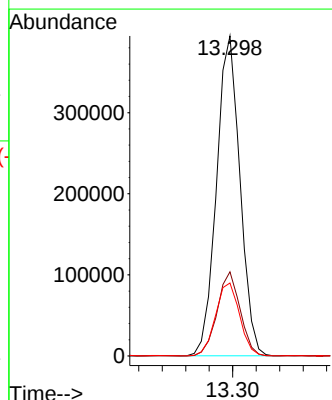
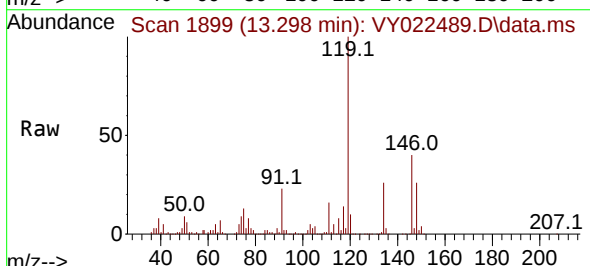
Manual Integrations
 APPROVED

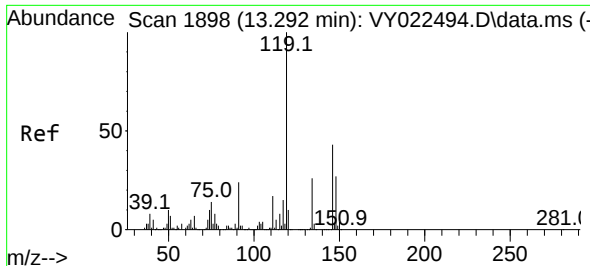
Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#86
 p-Isopropyltoluene
 Concen: 47.349 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022489.D
 Acq: 02 Jun 2025 09:08

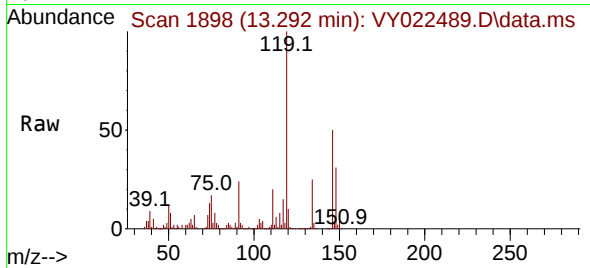
Tgt Ion:119 Resp: 547441
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.4 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 47.048 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

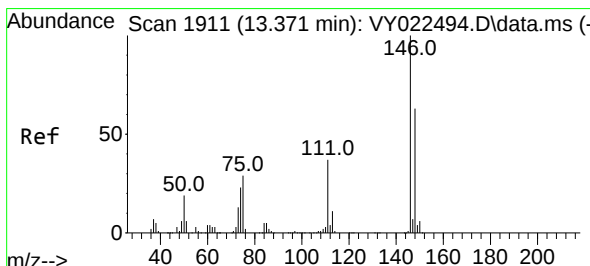
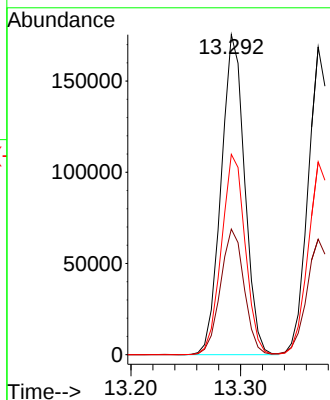
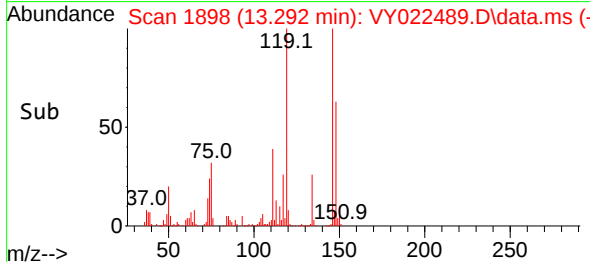
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



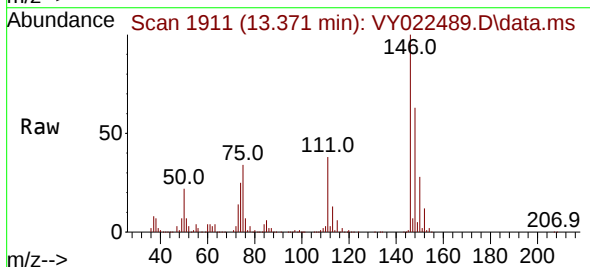
Tgt Ion:146 Resp: 26145
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.2
148 63.2 32.1 96.3

Manual Integrations
APPROVED

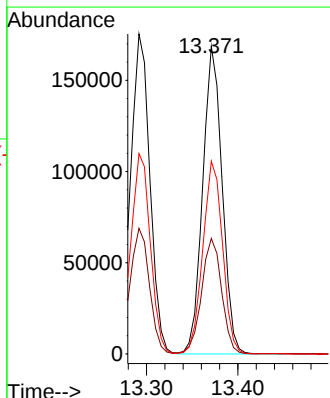
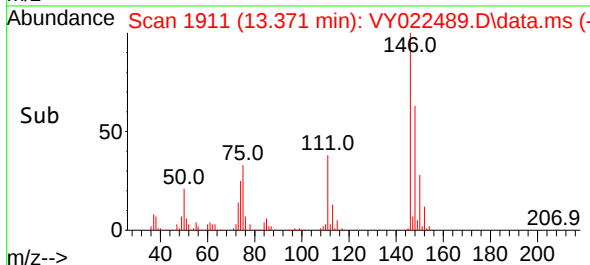
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

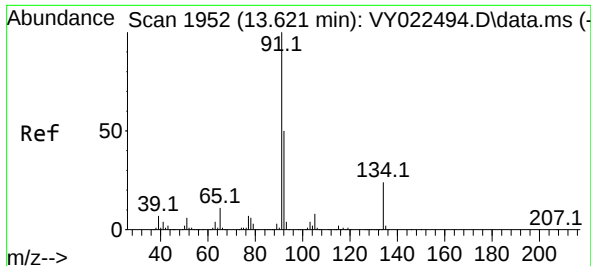


#88
1,4-Dichlorobenzene
Concen: 46.223 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion:146 Resp: 249136
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.5 31.6 94.8





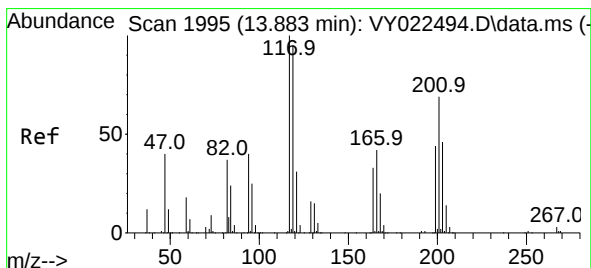
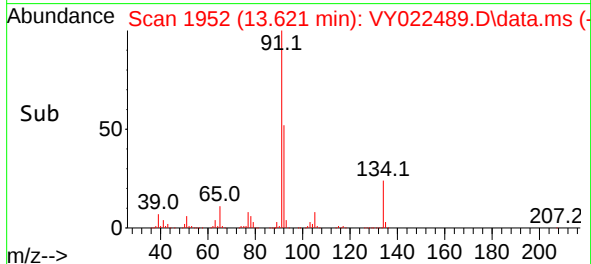
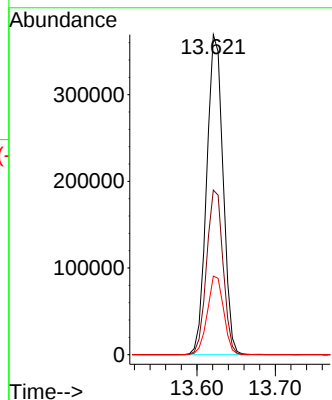
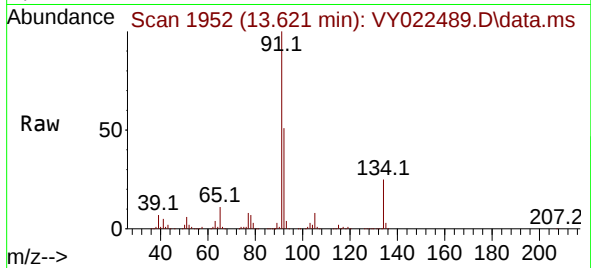
#89
n-Butylbenzene
Concen: 48.733 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 53456
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 24.5 12.0 36.1

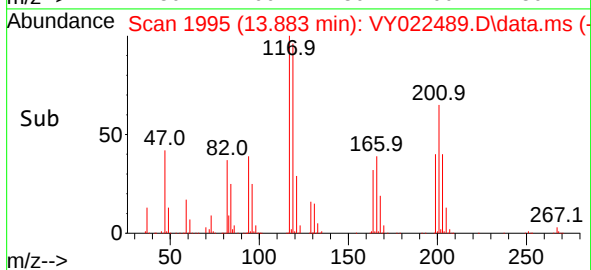
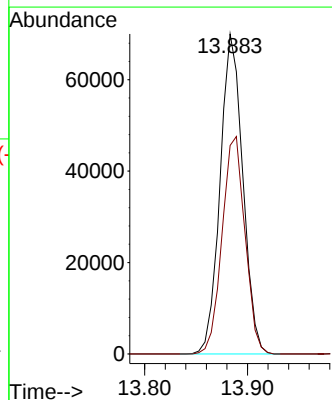
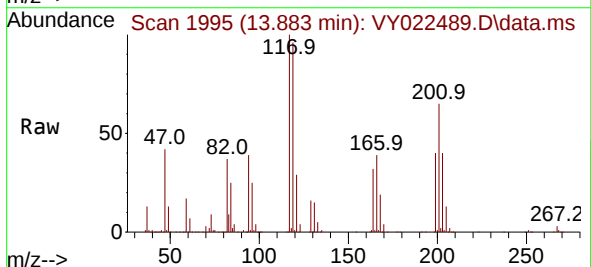
Manual Integrations
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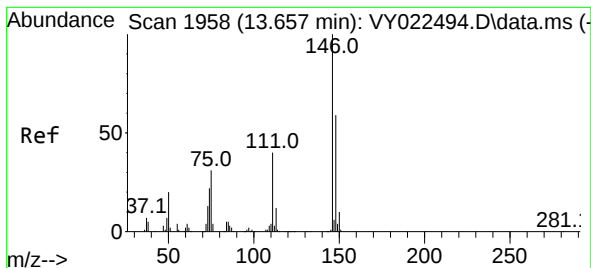
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#90
Hexachloroethane
Concen: 47.626 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

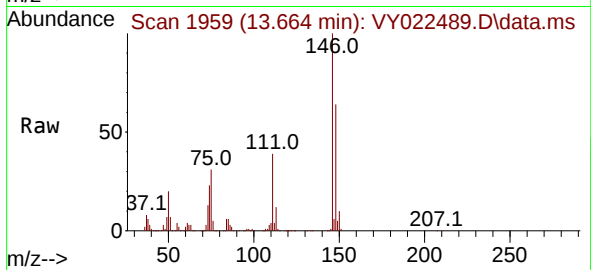
Tgt Ion:117 Resp: 107199
Ion Ratio Lower Upper
117 100
201 68.6 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 46.050 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

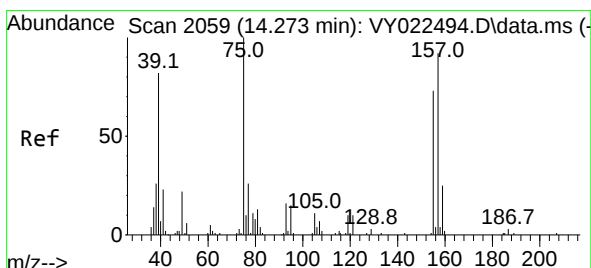
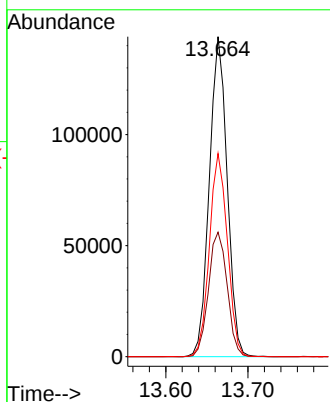
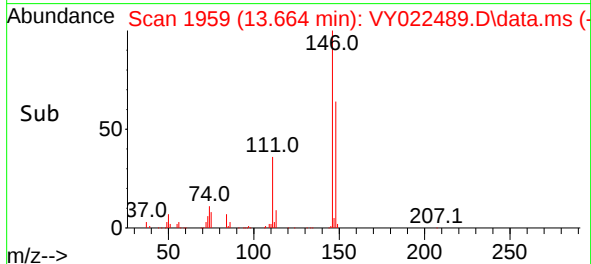
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



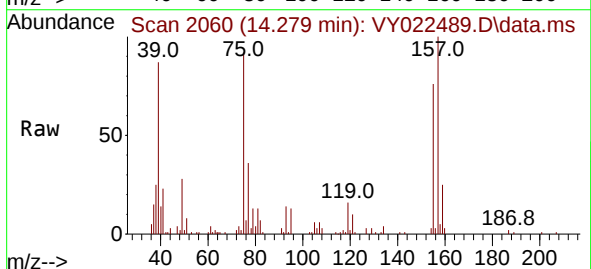
Tgt Ion:146 Resp: 217275
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.6
148 63.9 31.4 94.0

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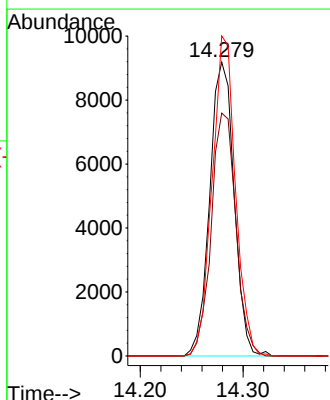
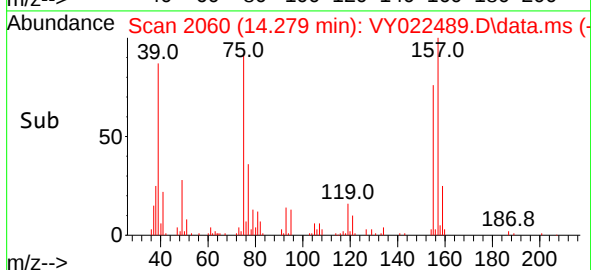
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

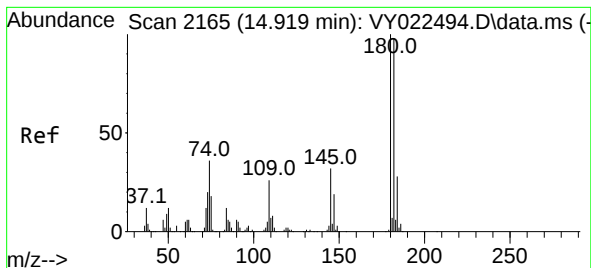


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.589 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion: 75 Resp: 15091
Ion Ratio Lower Upper
75 100
155 83.5 39.9 119.6
157 104.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 48.125 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 12383

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.3

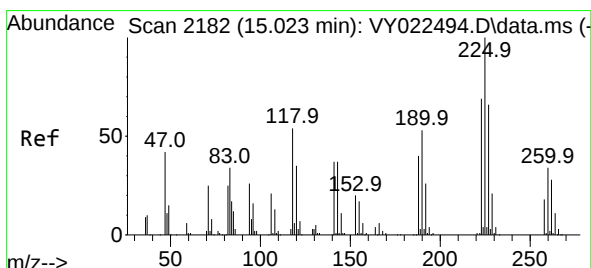
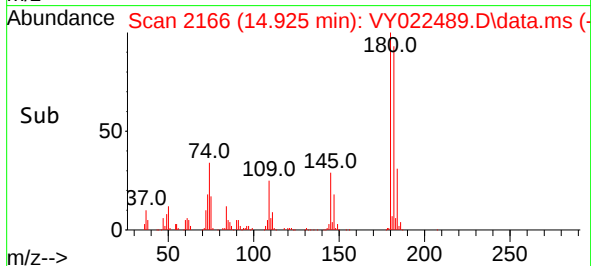
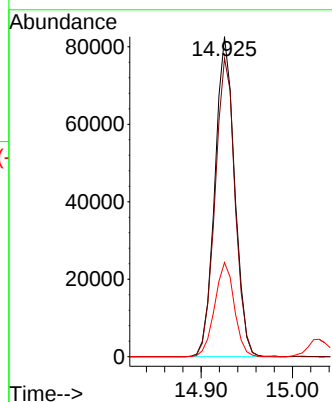
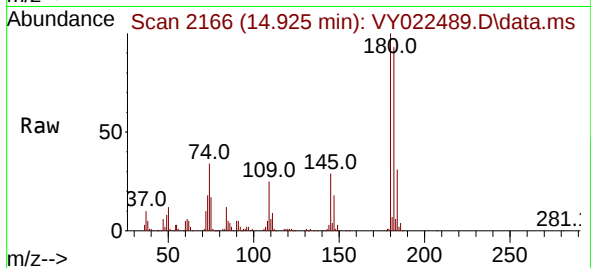
145 29.2 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#94

Hexachlorobutadiene

Concen: 47.502 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022489.D

Acq: 02 Jun 2025 09:08

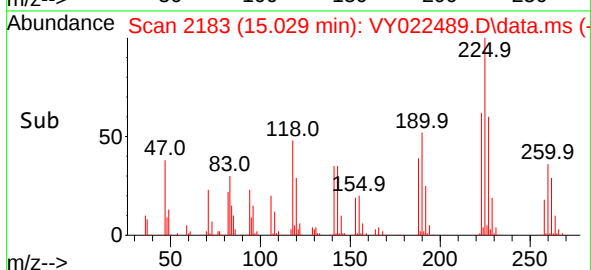
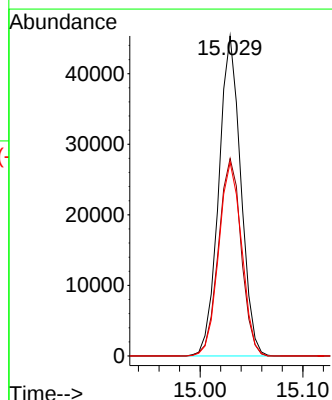
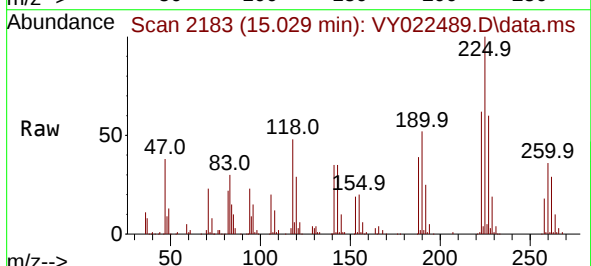
Tgt Ion:225 Resp: 67466

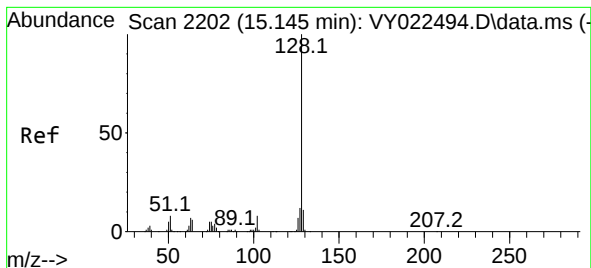
Ion Ratio Lower Upper

225 100

223 63.7 32.5 97.4

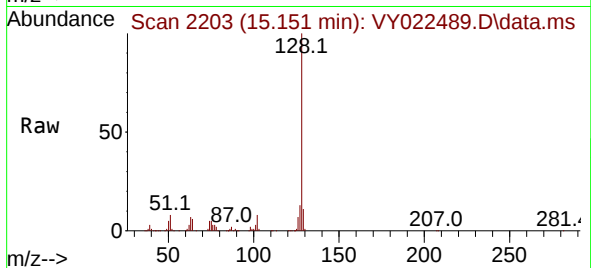
227 62.8 32.3 96.9





#95
Naphthalene
Concen: 47.610 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08

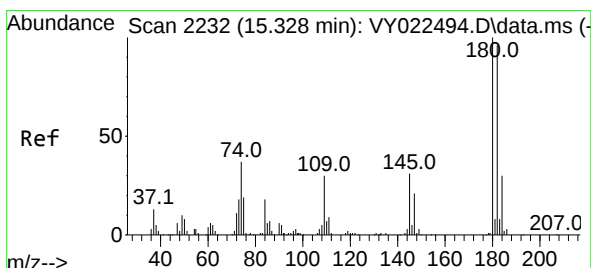
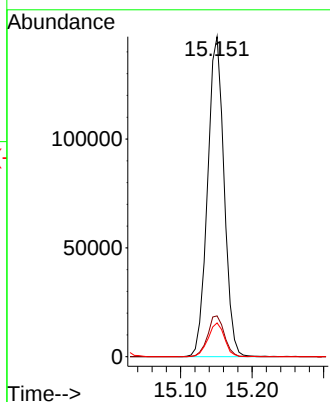
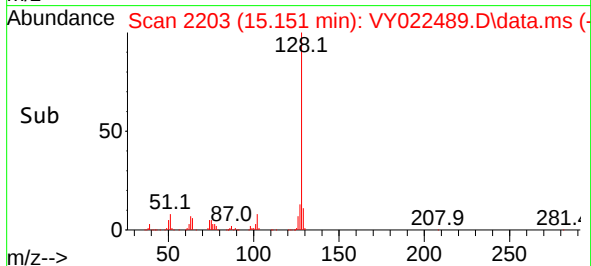
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



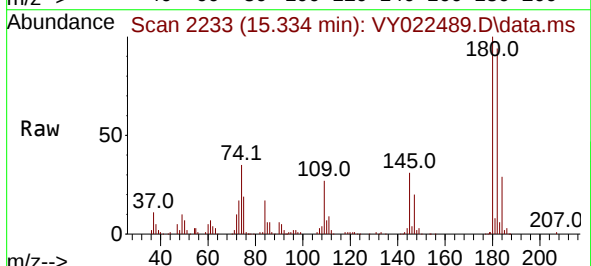
Tgt Ion:128 Resp: 23510
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.5 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.658 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY022489.D
Acq: 02 Jun 2025 09:08



Tgt Ion:180 Resp: 105101
Ion Ratio Lower Upper
180 100
182 92.6 47.1 141.3
145 30.3 15.2 45.6

